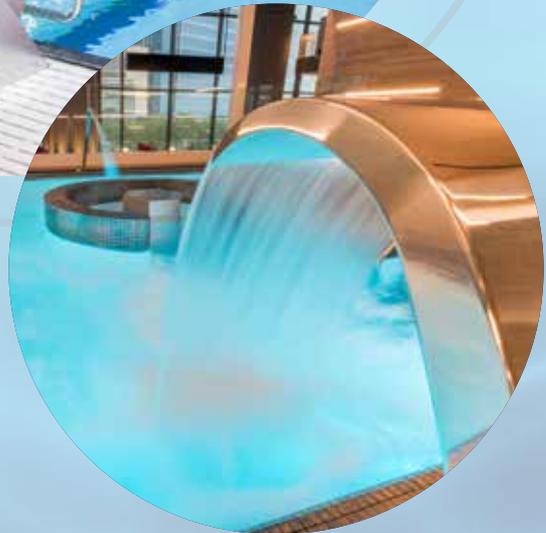


# COMMERCIAL SOLUTIONS

# FLUIDRA

POOL, WELLNESS,  
FOUNTAINS &  
LAGOONS  
TECHNOLOGY

'25



# FLUIDRA

THE PERFECT POOL EXPERIENCE

Fluidra is a global leader in the pool and wellness sector. Founded in 1969, it has extensive global experience in developing innovative services and products for the residential (private) and commercial (hotels and resorts, municipal and high-competition pools, spa and wellness centers) pool market. Our portfolio includes some of the most recognized brands in the sector, such as Jandy®, AstralPool®, Polaris®, Cepex®, Zodiac®, CTX Professional® and Gre®. We have a wide geographical presence, with operations in 47 countries.

We have over 6,500 employees and the necessary resources to accelerate innovation in critical areas like energy-efficiency, robotics and the Internet of Things.

Recently, we introduced our **2020-2026 Environmental, Social and Governance (ESG)** Plan, our Responsibility Blueprint, which outlines our commitment to sustainability, social responsibility, and ethical governance. We are convinced that a company with high ESG standards is a more economically sustainable company and one that is more highly valued by its customers, employees and shareholders.

We have made some small but significant changes to our mission statement to reflect our new ESG strategy: **“Creating the perfect pool and wellness experience responsibly”**.

Building on our mission, we’re excited to share our new Vision for the company. The mission defines the “what” – what drives us every day. Our Vision clarifies the “why” – our ultimate purpose: **To enhance lives through innovative and sustainable solutions that transform the way people enjoy water for recreation and well-being.**

As part of our ambitious **strategic plan**, we are looking forward with the goal to drive the evolution of the pool and wellness space. This plan puts focus on leveraging our **IT infrastructure** as a competitive advantage; advancing **digital solutions** to make owning and using a pool easier and more enjoyable; utilizing and commercializing our **data** to generate business opportunities; and simplifying our **internal processes** to make us easier to do business with.

By meeting these objectives, we will not only enhance the pool experience for our customers, but also reinforce our dynamic company culture and position our organization for future growth.

## Key figures

€2,051 MM

Sales

€445MM

EBITDA

+6,500

Employees

47

Countries

+135

Sales  
branches

+40

Production  
centers

# A global powerhouse

40%

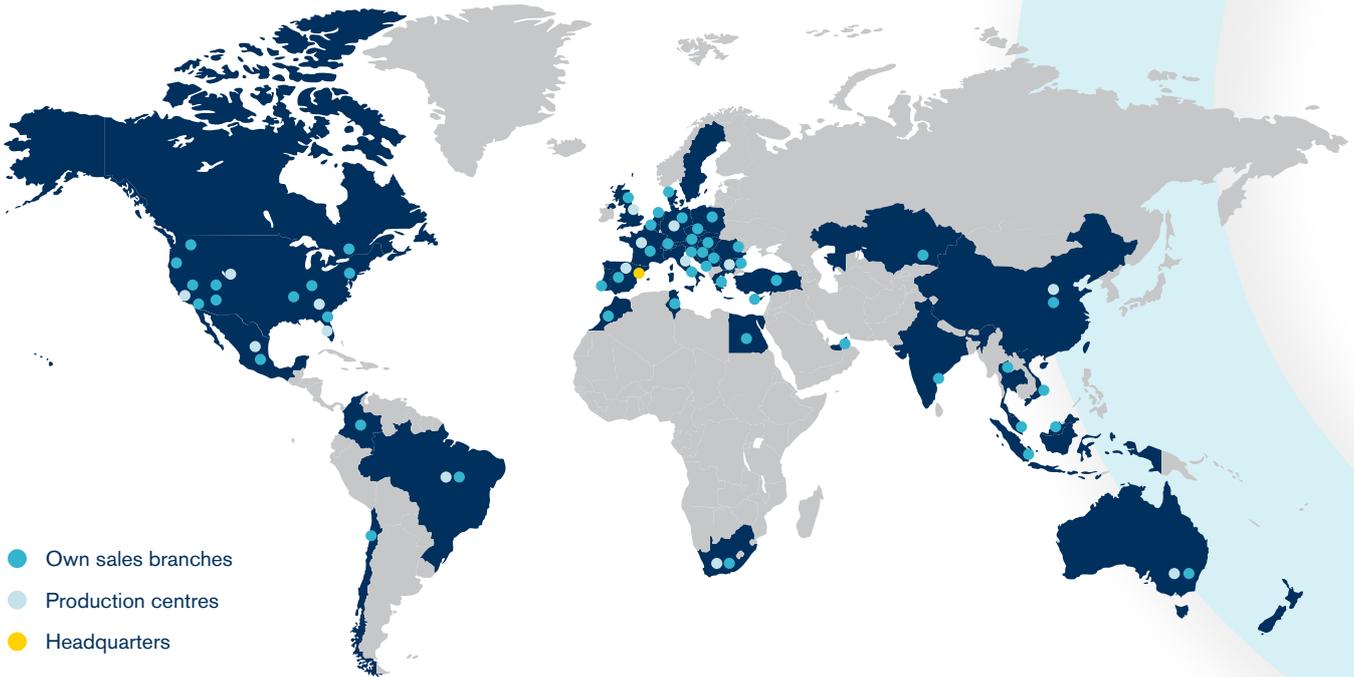
Europe

44%

US

16%

Rest of the world



## Highly recognized brands



FLUIDRA



fluidra.com

# NEW PRODUCTS 2025



## SPLIT LADDERS WITH PLASCOAT® TECHNOLOGY



+ AISI-304L split ladders with Plascoat® coating providing an extra-corrosion protection. Supplied with plates, gaskets, wall plugs and screws.

See page 41



## TOR FILTERS



+ These filters are manufactured by spraying up on layers of polyester resin and fiber glass strands.

See page 132



## MAXIM VS



+ The Maxim VS pump is an advanced solution for commercial pools, offering variable speeds and automatic control for optimal performance. It's the ideal choice for large pools in hotels, campsites, sports clubs, public pools, and spas. Equipped with Full Inverter technology, this pump maximizes energy savings, ensuring both efficiency and sustainability.

See page 175



## TRX 8500 IQ - VORTRAX



+ Specifically designed for intensive use in small to medium public pools. Tough, smart and ultra-efficient.

See page 262



## TRX 8700 IQ - VORTRAX



+ Specifically designed for intensive use in public pools tough, smart and ultra-efficient.

See page 263

# NEW PRODUCTS 2025



## POWER FORCE INVERTER



+ The Power Force Inverter is the ultimate solution for efficient and sustainable climate control, designed to deliver superior performance throughout the year. With a range of advanced technical features, this equipment is ideal for commercial and residential environments seeking energy efficiency and quiet operation.

See page 354



## Z950 INVERTER



+ The Z950 Inverter heat pump is the ideal choice for large pools in hotels, campsites, sports clubs, public pools, spas, and water parks. Its Full Inverter technology maximizes energy savings, providing both efficiency and sustainability.

See page 356



## WATER POLO EQUIPMENT – FULL SET



+ Complete set of Water Polo Equipment for competition and training, including lane ropes for Water Polo Field (female and male field), Water Polo Goals, Central Service, Eye Let, and all the necessary accessories to fully equip the pool for Water Polo.

See page 392



## AQUAMOTUS



+ AQUAMOTUS, by Aquaform, is an evolution of the vichy shower. Aquamotus is a professional horizontal shower, in mirror-finish stainless steel, for the reproduction of 16 types of massage in the rain.

See page 457

FLUIDRA

# Creating A MORE SUSTAINABLE POOL.

Fluidra is committed to developing more sustainable products and facilitate maintenance. We have selected a range of equipment to help you create a more sustainable pool experience.



Water  
Conservation



Energy  
Efficient



Chemical  
Reduction



Carbon  
Reduction



Circular

A more sustainable pool is one that incorporates key features and equipment to achieve a lower environmental impact, by significantly reducing the consumption of resources (water, energy and consumables), and being viable in terms of maintenance cost and return on the initial investment. From VS Pumps that use less energy to water sanitizers that consume less chemicals to automatic covers that prevent water evaporation and reduce thermal loss, Fluidra offers a wide range of solutions that contribute to a more sustainable pool.

# WHAT IS A GREEN CONSTRUCTION AND HOW DOES FLUIDRA CONTRIBUTE?

A green construction is a building that in its design, construction or operation reduces or eliminates negative impacts, and that can have positive impacts on our climate and natural environment. Green buildings preserve precious natural resources and improve our quality of life.

There are a number of features that can make a building green. These include:

- Efficient use of energy, water and other resources
- Use of renewable energy, such as solar energy
- Pollution and waste reduction, and the re-use and recycling of materials
- Good indoor environmental air quality
- Use of materials that are non-toxic, ethical and sustainable
- Consideration of the environment in design, construction and operation
- Consideration of the quality of life of occupants in design, construction and operation
- A design that adapts to a changing environment

Green building certificates and assessment initiatives are a set of rating systems and tools that are used to assess a building or a construction project's performance from a sustainability and environmental perspective.



LEED



BREEAM



LEVEL(S)

**Level(s)**

Building sustainability  
performance

## WHAT IS LEED?

LEED (Leadership in Energy and Environmental Design) is an ecology-oriented building certification program run under the auspices of the U.S. Green Building Council (USGBC). It is the most widely used green building rating system in the world.



## LEED GREEN BUILDING LEADERSHIP

LEED provides a framework for healthy, efficient, carbon - and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement and leadership.

## HOW LEED WORKS

LEED-certified buildings save money, improve efficiency, lower carbon emissions and create healthier places for people. They are a critical part of addressing climate change and meeting ESG goals, enhancing resilience, and supporting more equitable communities.

To achieve LEED certification, a project earns points by adhering to prerequisites and credits that address carbon, energy, water, waste, transportation, materials, health and indoor environmental quality. Projects go through a verification and review process by GBCI and are awarded points that correspond to a level of LEED certification: Certified (40-49 points), Silver (50-59 points), Gold (60-79 points) and Platinum (80+ points).



**Platinum**

80+ points earned



**Gold**

60-79 points earned



**Silver**

50-59 points earned



**Certified**

40-49 points earned

## LEED CERTIFICATION APPLIED TO FLUIDRA PRODUCTS

Although LEED does not certify products, the correct selection and integration of a product or technology do play a role achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting right product and help earn points toward the desired LEED certification label.

	IPc1	WEp2	WEc2	WEc3	WEc4	EAp1	EAp2	EAp4	EAc1	EAc2	EAc6	MRc2	MRc3	MRc4	EQc2	EQc5	INc1
INTERNET OF POOLS	•			•	•	•	•	•	•	•	•						
POOL SURROUND EQUIPMENT	•	•	•		•												
POOL SHELL EQUIPMENT												•	•	•			
BUILDING SOLUTIONS												•	•	•			
FILTRATION	•			•					•								•
PUMPS	•					•	•	•	•	•	•						
WATER TREATMENT PRODUCTS	•			•													•
WATER TREATMENT EQUIPMENT	•			•	•	•	•	•	•		•						•
CLEANING	•																
POOL LIGHTING	•																
POOL LINING MATERIALS																	
DEHUMIDIFICATION	•				•	•	•		•	•							
SWIMMING POOL HEATING SOLUTIONS	•			•		•	•	•	•	•	•					•	
COMPETITION MATERIALS																	

IPc1 Integrative process

WEp2 Indoor Water Use Reduction

WEc2 Indoor Water Use Reduction

WEc3 Cooling tower water use

WEc4 Water metering

EAp1: Fundamental commissioning and verification

EAp2: Minimum Energy Performance

EAp4: Fundamental Refrigerant Management

EAc1: Enhanced commissioning

EAc2: Optimized Energy Performance

EAc6 Enhanced Refrigerant Management

MRc2 Building product disclosure and optimization - environmental product declarations (EPD)

MRc3 Building product disclosure and optimization - sourcing of raw materials

MRc4 Building product disclosure and optimization - material ingredients

EQc2 Low-emitting materials

EQc5 Thermal comfort

INc1 Innovation

## WHAT IS BREEAM?

BREEAM (Building Research Establishment Environmental Assessment Method) is the world's leading science-based suite of validation and certification systems for sustainable built environment.



## HOW BREEAM WORKS

Since 1990, BREEAM's third-party certified standards have helped improve asset performance at every stage, from design through construction, to use and refurbishment. Millions of buildings across the world are registered to work towards BREEAM's holistic approach to achieving ESG, health, and net zero goals. It is owned by BRE - a profit-for-purpose organization with over 100 years of building science and research background.

## 591,000 CERTIFICATES IN 90 COUNTRIES

With more than 591,000 certified buildings in 90 countries, BREEAM promotes a more sustainable construction that translates into greater profitability for those who build, operate and/or maintain buildings, thus reducing their impact on the environment, as well as delivering greater comfort and health for those who live, work or use these buildings.

The scheme evaluates impacts in 10 categories (Management, Health and Well-being, Energy, Transport, Water, Materials, Waste, Ecological Land Use, Pollution, Innovation) and awards a final score after applying an environmental weighting factor that takes into account the relative importance of each impact category. It covers the different phases of design, construction and use of buildings, and has evaluation and certification schemes based on the type and use of a building.

BREEAM provides solutions to deal with the following issues:



Net zero carbon



Whole life performance



Health and social impact



Biodiversity



Circularity and resilience



Disclosures and reporting

## BREEAM CERTIFICATION APPLIED TO FLUIDRA PRODUCTS

Although BREEAM does not certify products, the correct selection and integration of a product or technology do play a role in achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting the right product and help earn points toward the desired BREEAM certification label.

	Man 02	Man 04	Man 05	Hea 02	Ene 01	Ene 02	Ene 03	Ene 08	Wat 01	Wat 04	Mat 02	Mat 03	Mat 06	Wst 06	Pol 01	Pol 04
INTERNET OF POOLS	•	•	•		•	•	•	•		•						•
POOL SURROUND EQUIPMENT	•								•		•		•	•		
POOL SHELL EQUIPMENT	•										•		•	•		
BUILDING SOLUTIONS	•										•		•	•		
FILTRATION	•		•					•						•		
PUMPS	•	•	•					•						•		
WATER TREATMENT PRODUCTS																
WATER TREATMENT EQUIPMENT	•							•						•		
CLEANING																
POOL LIGHTING	•	•	•		•		•					•		•		•
POOL LINING MATERIALS	•			•							•		•	•		
DEHUMIDIFICATION	•	•	•	•	•							•		•	•	
SWIMMING POOL HEATING SOLUTIONS	•	•	•		•						•		•	•	•	
COMPETITION MATERIALS																

Man 02: Life cycle cost and service life planning

Man 04: Commissioning and handover

Man 05: Aftercare

Hea 02: Indoor air quality

Ene 01: Reduction of energy use and carbon emissions

Ene 02: Energy monitoring

Ene 03: External lighting

Ene 08: Energy-efficient equipment

Wat 01: Water consumption

Wat 04: Water-efficient equipment

Mat 02: Environmental impacts from construction products – Environmental Product Declarations (EPD)

Mat 03: Responsible sourcing of construction products

Mat 06: Material efficiency

Wst 06: Design for disassembly and adaptability

Pol 01: Impact of refrigerants

Pol 04: Reduction of night-time pollution

## WHAT IS LEVEL(S)?

Level(s) is the European framework for sustainable buildings. It provides a common language for assessing and reporting on the sustainability performance of buildings. It is a simple entry point for applying circular economy principles in our built environment.



### LEVEL(S) FRAMEWORK

Level(s) offers an extensively tested system for measuring and supporting improvements, from design to end of life. It can be applied to residential buildings or office LEED frameworks. It is a globally recognized symbol of sustainability achievement and leadership.

### HOW LEVEL(S) WORKS

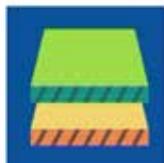
Level(s) uses core sustainability indicators to measure carbon, materials, water, health, comfort and climate change impacts throughout a building's full life cycle. It is a flexible solution for identifying sustainability hotspots and for future-proofing your project or portfolio. By using Level(s) you are contributing to EU policy goals to strengthen the sustainability of Europe's buildings, which are responsible for:

- 1/2 of all extracted materials
- 1/2 of total energy consumption
- 1/3 of water consumption
- 1/3 of waste generation.

Level(s) is open source and freely available to all.



Carbon emissions



Materials



Water use



Health

## LEVEL(S) FRAMEWORK APPLIED TO FLUIDRA PRODUCTS

Although LEVEL (S) does not certify products, the correct selection and integration of a product or technology do play a role in achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting the right product and help earn points toward the desired LEVEL(S) framework label.

	1.1	1.2	2.1	2.2	2.4	3.1	4.1	4.2	6.1
INTERNET OF POOLS	•	•				•			•
POOL SURROUND EQUIPMENT		•	•	•	•	•			•
POOL SHELL EQUIPMENT		•	•	•	•				•
BUILDING SOLUTIONS		•	•	•	•				•
FILTRATION	•	•			•				•
PUMPS	•	•			•				•
WATER TREATMENT PRODUCTS									
WATER TREATMENT EQUIPMENT	•	•			•	•			•
CLEANING									
POOL LIGHTING	•	•	•	•	•				•
POOL LINING MATERIALS		•	•	•	•		•		•
DEHUMIDIFICATION	•	•	•	•	•	•	•	•	•
SWIMMING POOL HEATING SOLUTIONS	•	•	•	•	•			•	•
COMPETITION MATERIALS									

1.1: Use stage energy performance

1.2: Life cycle global warming potential

2.1 Bill of quantities, materials and lifespans

2.2 Construction and demolition waste and materials

2.4 Design for deconstruction, reuse and recycling

3.1 Use stage water consumption

4.1 Indoor air quality

4.2 Time outside of thermal comfort range

6.1 Life cycle costs

## Commercial Pool, Wellness, Fountains & Lagoons

Fluidra develops innovative, highly technical and sustainable water products & solutions designed to create unique facilities for the “Commercial Pool” category.

+ Our team of experts offers 360° solutions that ensure a reliable, efficient and durable installation, designed to deliver optimal performance and a perfect user experience responsibly.

### SOLUTIONS



POOL



WELLNESS



FOUNTAINS



LAKES & LAGOONS

### SECTORS



COMPETITION  
EVENTS



SPORTS CLUB



HOSPITALITY



PUBLIC  
ADMINISTRATION



REAL ESTATE &  
OTHER

### Why choose Fluidra in your Project?



ALL-ROUND POOL, WELLNESS & LAGOONS PARTNER



INNOVATION & TECHNOLOGY



ADDED-VALUE SOLUTIONS



EXPERTISE



PRODUCTS MANUFACTURED BY FLUIDRA

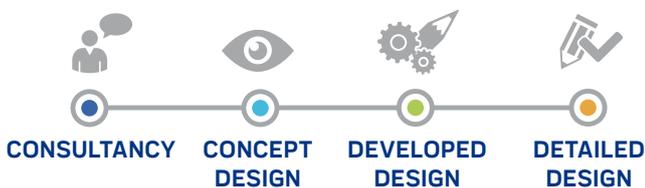
## OUR BUSINESS MODEL

+ Our extensive experience in the development of innovative products and services with prestigious brands is rooted in a comprehensive and efficient business model that adapts to our different regions and markets.

+ Fluidra is a leader in the aquatic facilities sector. We have a clear mission: to create the perfect pool & wellness experience responsibly.

## DESIGN

Design phases:



We have a team of experts with extensive experience in the conception and design of aquatic projects working hand in hand with our clients to imagine your project together right from the start. We use some of the most advanced design tools and technologies throughout this process, including CFD (Computational Fluid Dynamics), Fluidra Live Virtual Reality (VR), and BIM (Building Information Modelling).

## PROJECT MANAGEMENT

**Project management** is the process of planning, managing and leading a team's work and resources in order to achieve shared goals and successfully meet the project's objectives.

Fluidra has a team of on-site project managers specialized in top-level aquatic projects. They are involved from the beginning of the design phase until the delivery of the project to ensure that work is executed correctly, keeping to the schedule and in line with the client's wishes.

TIME · QUALITY · COST



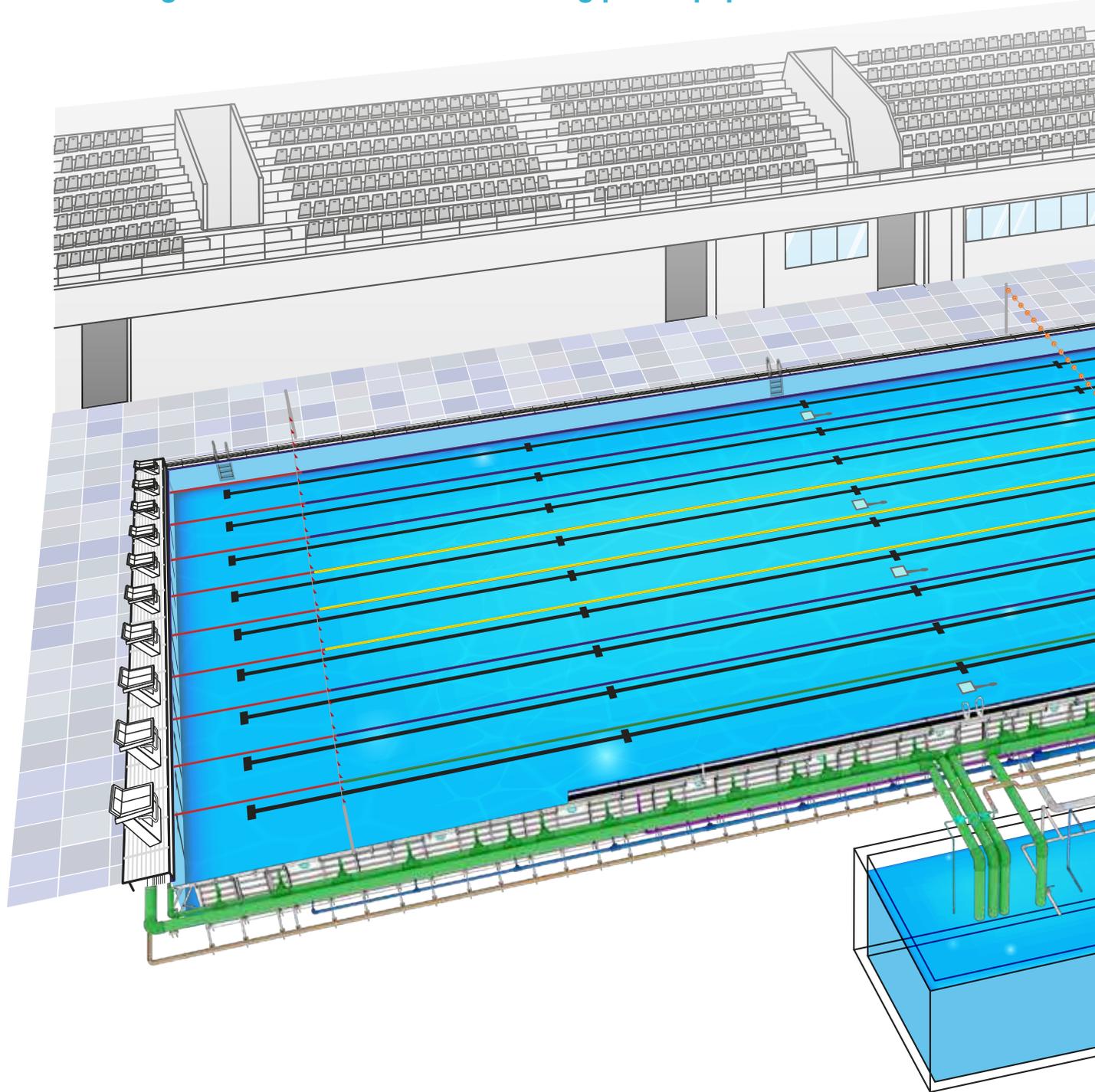
## R&D+i

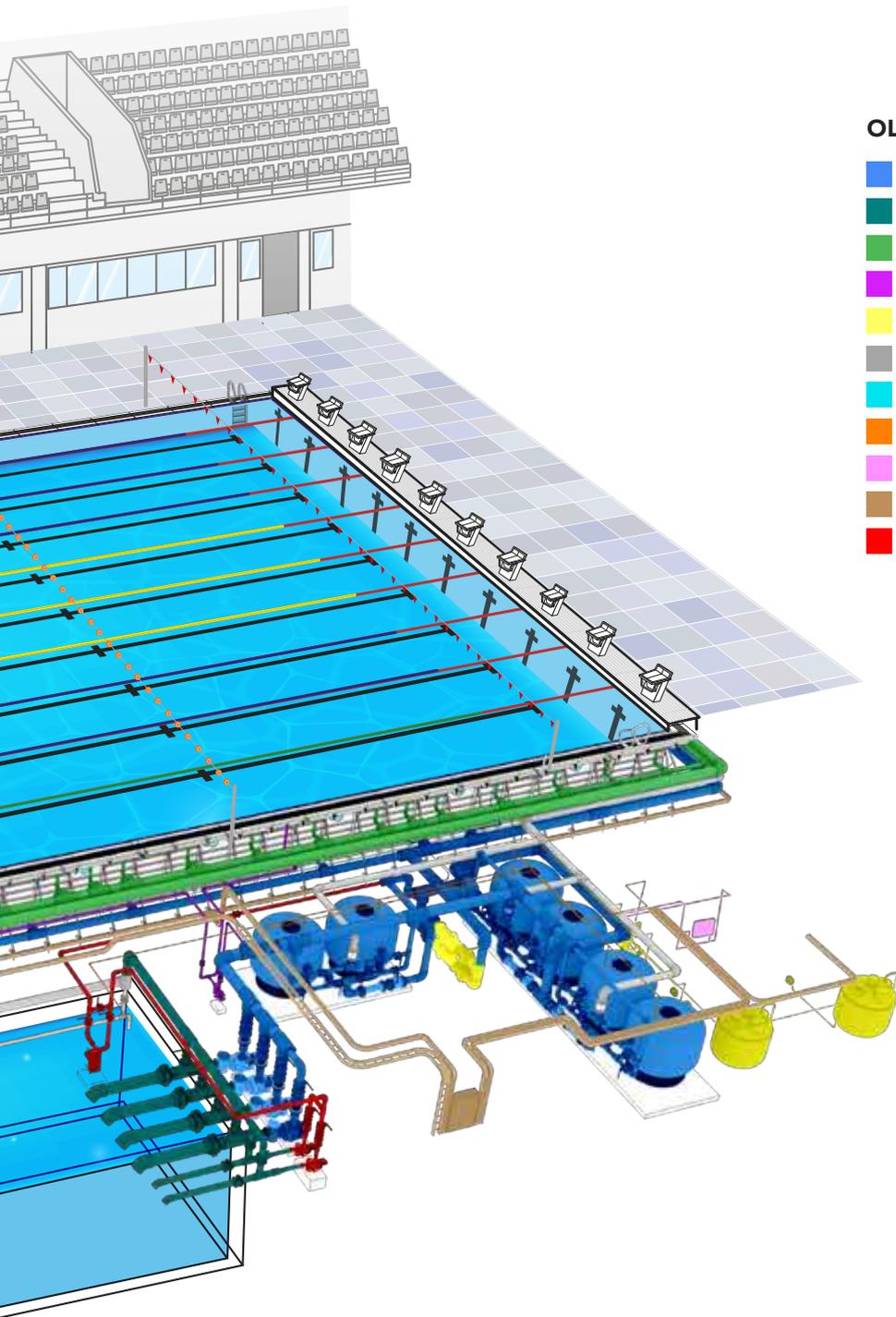
Research, Development and Innovation (R+D+i) is a fundamental part of Fluidra's DNA and a pillar of the company's culture and growth. It has more than 1,400 patents worldwide.

We focus the innovation in the following goal areas:



## General diagram of installation of swimming pool equipment





## OLYMPIC SWIMMING POOL LEGEND

- FILTRATION SYSTEM
- OUTLET SYSTEM
- OVERFLOW SYSTEM
- CLEAN OUT SYSTEM
- DISINFECTION SYSTEM
- SEWER SYSTEM
- WATERSUPPLY SYSTEM
- RELIEF SYSTEM
- ANALYSIS SYSTEM
- ELECTRICAL SYSTEM
- HEATING SYSTEM

## > PICTOGRAMS

### Finding your way around the catalogue

 2025 New products	 Energy efficient products	 Chemical reduction products	 World Aquatics
---	---	---	--

## ASTRALPOOL

 3-year warranty	 Best in class	 Best value for money	 Professional advice and/or installation recommended*
 Fluidra Connect compatible	 PoolStation compatible	 Recommended for public pools	 Made in Europe
 Until end of stocks	 Heat pump with full inverter technology	 Complies with Standards EN 16582-1 and EN 16713-2	 Includes R410A gas
 Includes R32 gas	 Seawater-proof		

\* Product recommended for sale in physical stores due to the product's specialized and complex nature and/or its installation.

## ctx<sup>pro</sup>

 Liquid	 Gel	 Buoy format	 Monodosis
 Granulated	 Powder	 20 g Pill	 30 g Pill
 100 g Tablet	 250 g Tablet	 Cartridge	 All types of pools

## SR Smith

 Resin Transfer Molding*	 Salt pool friendly
---	--

\* RTM is an advanced manufacturing process. The RTM process creates a composite material that has a high strength to weight ratio - although lightweight, strong and durable. RTM products are salt pool friendly and UV resistant to protect colors from fading.

# > PICTOGRAMS

## Finding your way around the catalogue

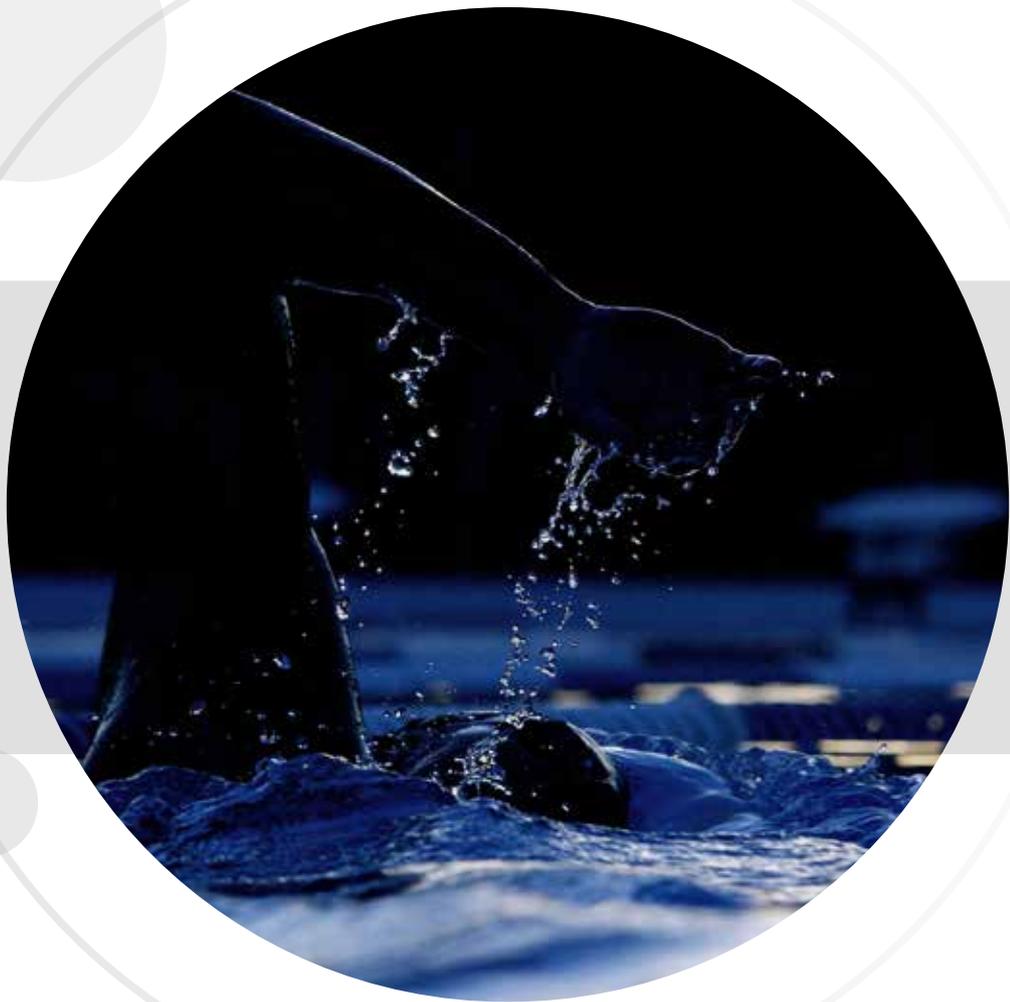


 OPTIONAL KIT TECHNICAL ROOM	Can be installed in a technical room	 PATENTED LIFT SYSTEM	Easy to remove from the water using the Lift System that expels a powerful jet of water contained in the cleaner.	 PROFESSIONAL ADVICE RECOMMENDED	Professional advice and/or installation recommended*
 Ti <sup>22</sup> TITANE INSIDE	Contains a titanium element	 SWIVEL	Prevents cable tangling	 BIO POOL	Product specific for natural pools ("bio pools")
 HYGRO CONTROL	Control unit available for Hygro Control	 PUSH'N'GO™	Easy access to the filter with Push'nGo™	 LOW SALT	Low salt technology chlorinator
 UNCONDITIONAL WARRANTY UNCONDITIONAL	Whatever the problem, the equipment is repaired or exchanged during the guarantee period	 PATENTED CYCLONE SUCTION	Product fitted with cyclone suction technology.	 4-WHEEL DRIVE	4-Wheel Drive Cleaner
 UPGRADABLE SYSTEM	Additional options can be added to the equipment	 NF HEAT PUMPS	NF-certified guarantees quality and safety of certified products and services	 COVER MODE	Pool cover contact to adapt disinfection when pool is closed
 EASY INSTALLATION	Easy installation of equipment	 REVERSIBLE	Option allowing the heat pump to cool the water in the pool	 HEAT ONLY	Heat function only
 EASY RETROFIT	Easy installation and no need to alter piping	 iAquaLink COMPATIBLE	Product that could be wired to a connected control device to be remotely managed using iAquaLink™ app	 -5°C MIN. AIR TEMP	Minimum Air temperature required for optimal performance
 MagnaPool ECOSYSTEM	Compatible with the MagnaPool™ system	 iAquaLink CONTROL	Product with built-in connectivity that can be remotely managed using iAquaLink™ app	 WATER TEMP SENSOR	Water temperature reading
 ALL TYPE OF LININGS	Compatible whit all surfaces	 ENERGY SAVING	Product with low electricity consumption	 ALL TYPES OF SPAS	Compatible with all type of spas
 ABOVE GROUND POOLS	Compatible with above-ground pools		All-in-one control : product embedding both water treatment and pool equipment management	 LOW NOISE LEVEL	Product with very silent operation
 ALL TYPES OF SWIMMING POOLS	Compatible with all types of pools	 Sensor by Nav System	Optimization of movements and cleaning time depending on the configuration of the pool	 QUICK FIX	Easy and quick-fix chlorinator cell
 FULL INVERTER	Heatpump with Full Inverter technology	* Product recommended for sale in physical stores due to the product's specialized and complex nature and/or its installation.			





<b>POOLS</b>	<b>21</b>
<b>WELLNESS</b>	<b>397</b>
<b>FOUNTAINS</b>	<b>529</b>
<b>LAGOONS</b>	<b>647</b>



# POOLS

# FLUIDRA



**ASTRALPOOL** 

 **CEPEX**

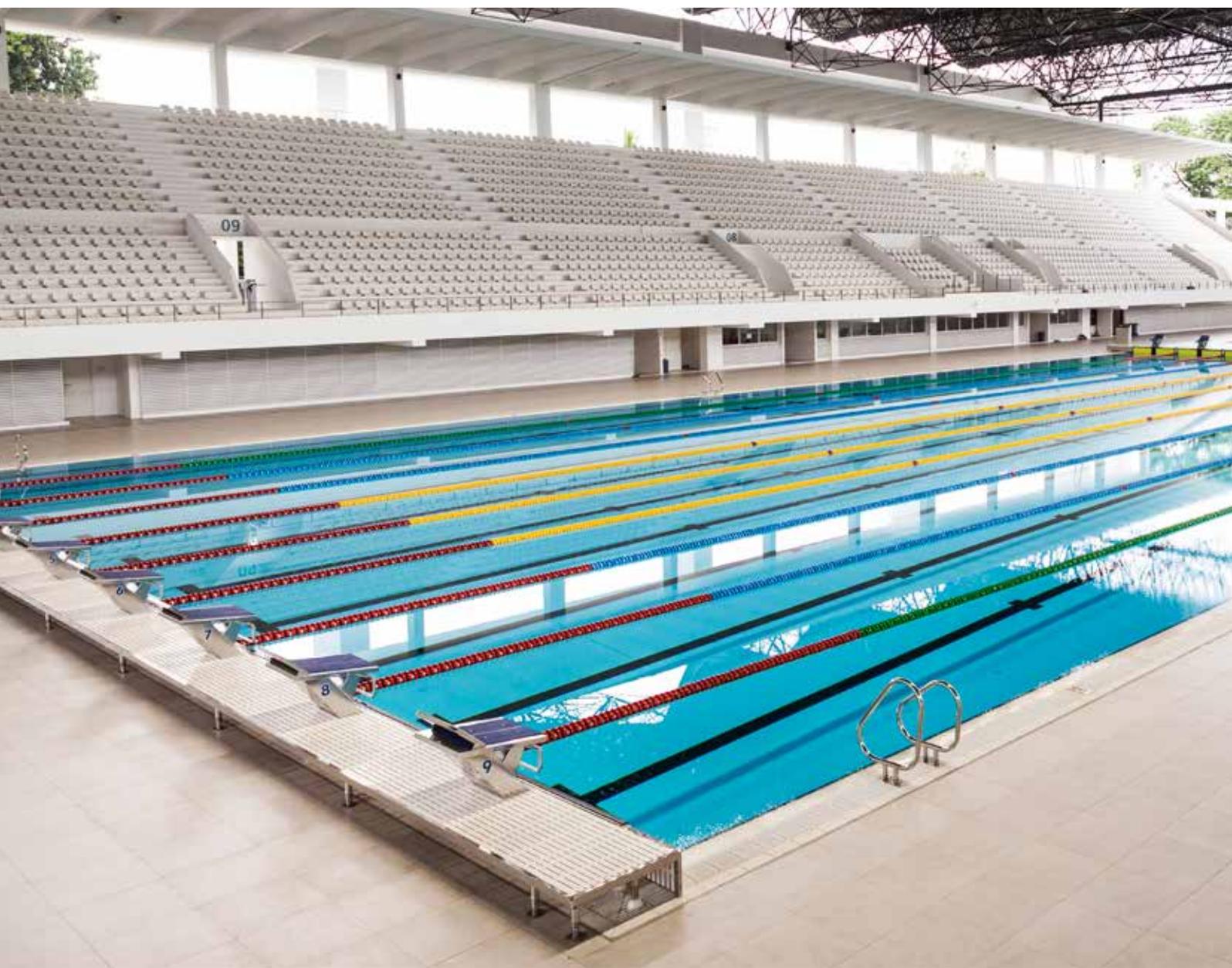
 **ZODIAC**

**ctx**  
pro

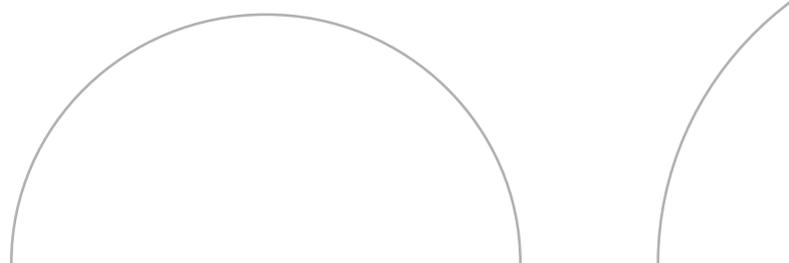
**PISCINE**  
**L'AGHETTO**

**SRSmith**

POOLS



GBK Aquatic Center for 2018 Asian Games





## OUR MISSION IS TO CREATE THE PERFECT POOL EXPERIENCE RESPONSIBLY

---

Fluidra, with more than 50 years of experience, is a global leader in developing innovative, highly technical and sustainable pool solutions designed to create unique facilities for the "Commercial Pool" category with its own manufactured equipment.

Our team of experts offers 360° solutions that ensure a reliable, efficient and durable installation, designed to deliver optimal performance and a perfect user experience responsibly.

Involved at every stage of a project, from the first sketches to its start-up, working alongside our customers as well as with architects, public authorities, developers and other stakeholders for many sectors of specialization: **competition events, sport clubs, hospitality, real estate, public spaces**, etc.





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## POOLS

# INTERNET OF POOLS

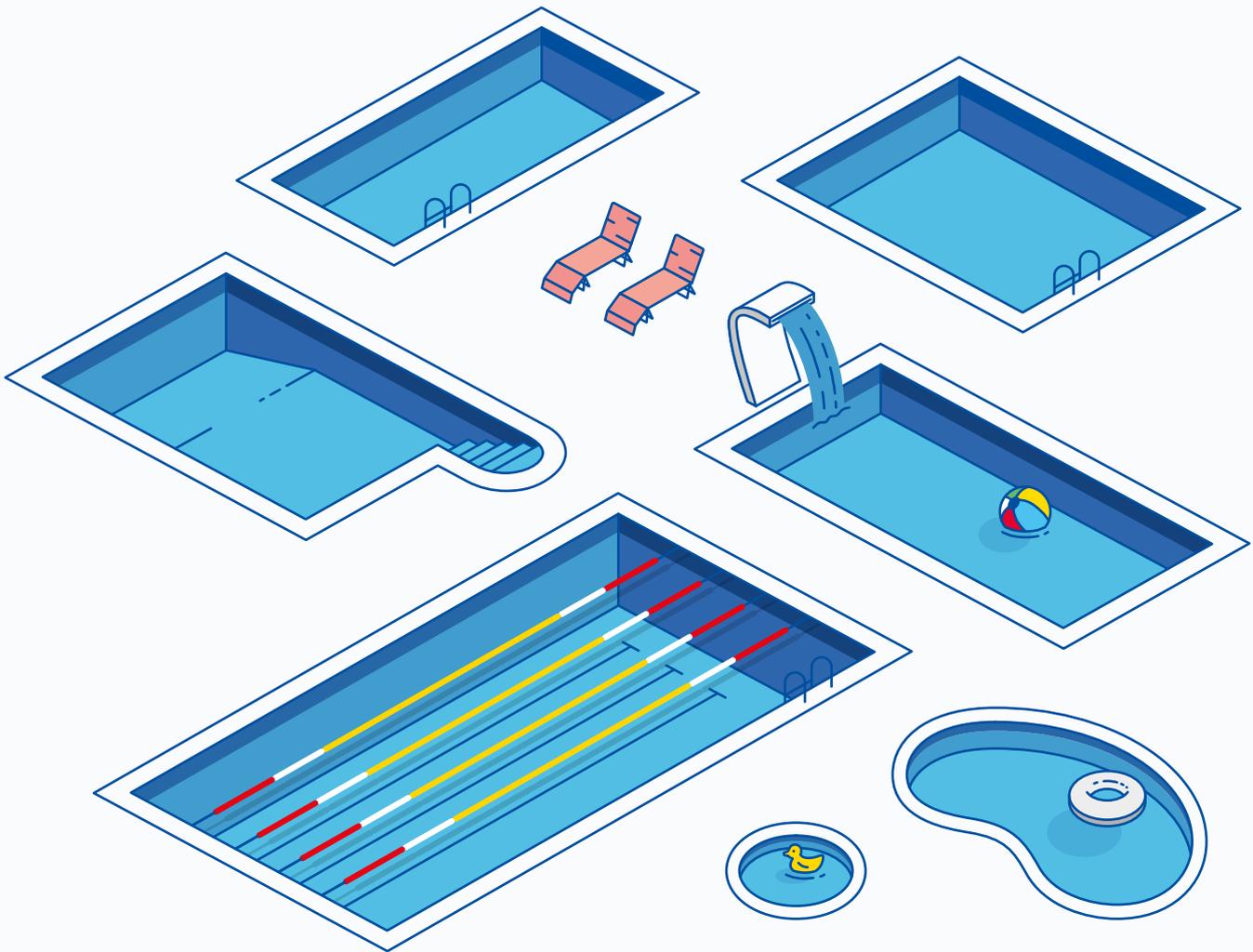
### 30 CONNECT & GO COMMERCIAL PRODUCTS

- 32 Mylo Pro
- 34 Connect & Go Commercial  
EASY
- 34 Connect & Go Commercial  
DIRECT
- 35 Connect & Go Commercial  
SMART
- 35 Connect & Go VS  
CONTROL PUMP CABINET
- 35 Connect & Go Commercial  
CONTROL PUMP CABINET

### 37 FLUIDRA CONNECT ACCESSORIES

- 37 Fluidra Connect accessories

# Smart Commercial Pools



Connectivity for automation and monitoring  
all types of commercial pools



## 24/7 Water Quality

Water quality controlled and monitored thanks to the pool equipments synchronized all together in a smart way. Alarm system for real-time corrective maintenance.

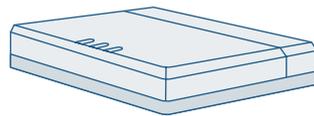


## Energy Savings

With a combination of connected products and data assisted preventative maintenance actions to reach optimum energy efficiency.

# Smart Pool Assistants for all type of pools

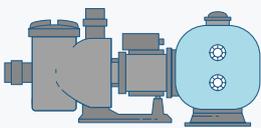
Control, diagnose and manage your pool through the fluidraconnect.com platform



Through the Connect Box from your Connect & Go you will be able to control all types of products, compatible NN as well as the standard ones.

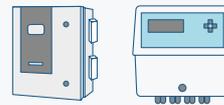


## Filtration and recirculation



Set-up and control of pumps for energy-efficient programs and optimum filter cleanliness status.

## Water treatment



Integral water treatment strategy between all the pool systems. Recording all the measures as per local legislation requirements.

## Lighting



Synchronization with other equipments to generate smart ambient.

## Surround & Garden Equipment



Control all the pool and garden accessories easily: Covers, fountains, IP Cams, even irrigation systems.

## Heating, Cooling and Dehumidification



Smart heating strategy for energy optimization together with the filtration and the water treatment equipment.

Control the pools under your supervision from anyplace, whenever you want with our pool assistants platform Fluidra Connect.

[www.fluidraconnect.com](http://www.fluidraconnect.com)



## FLUIDRA CONNECT AUTOMATION AND NN PRODUCTS for Commercial Pools

Fluidra Connect is a smart automation solution that allows both users and pool professionals to control pools remotely.

THE FUTURE  
IS HERE

Different levels of remote control are offered depending on user profile:



▪ **End user:**

- User friendly NN app to remotely monitor and control the pool



▪ **Pool professional:**

- Intuitive and versatile NN PRO app to set up each pool and allows to monitor all installed pool sites.
- Advanced remote control of all installed pool sites using the dedicated pool professional website [www.fluidraconnect.com](http://www.fluidraconnect.com).

All product platforms below are NN compatible to allow a smart control & exchange with Fluidra Connect and associated smartphone apps and website.

User(s) can see more operating data and be able to access to more settings compared to standard products.

## WATER TREATMENT EQUIPMENT

					
	Salt Water Chlorinators and Hybrid systems				Automatic Regulation and Control Equipment
	Easy Salt Next VC	Pro-Chlore Salt	Nature Salt Plus	Neolysis	Guardian Pool
More info on page	239	236	237	240	256

			
	Automatic Regulation and Control Equipment		Dosing Pumps
	AP PR-200 Compatible Electrolysis	Controller	Acqua Dos pH/ORP
More info on page	254	257	248

## POOL LIGHTING

RGB LED lighting becomes "NN" with Lumiplus Modbus and modulator (57435)



LED Lighting

RGB lights

More info on page

281

## DEHUMIDIFICATION



Dehumidification

Airpool

More info on page

344

## HEATING



Heat Pumps

ProHeat II

More info on page

358

## MYLO PRO

- + Convenience and easy installation
- + "One Fit All" solution suitable for all commercial pool configurations
- + Cutting-edge technology with multi-layer protection

MYLO PRO is an advanced drowning detection system designed to offer maximum safety in commercial and hotel pools. Thanks to its easy installation and configuration, it is ideal for both new installations and upgrades of existing pools. This system uses underwater cameras and patented computer vision technology to monitor effectively and in real-time.

### Main Features:

- Monitoring and Alarm: Sends notifications in case someone enters the pool outside of activity hours or during a dangerous incident.
- Smartwatch Alerts: Direct notifications to the lifeguard's smartwatch.
- Statistics and Trends: Detailed information on pool usage, water quality, and activity trends.
- Total Privacy: All processing is done on the device, without the need to upload images to the cloud.
- Universal Compatibility: Suitable for pools of all sizes, from residential to large commercial pools.

### Technical Specifications:

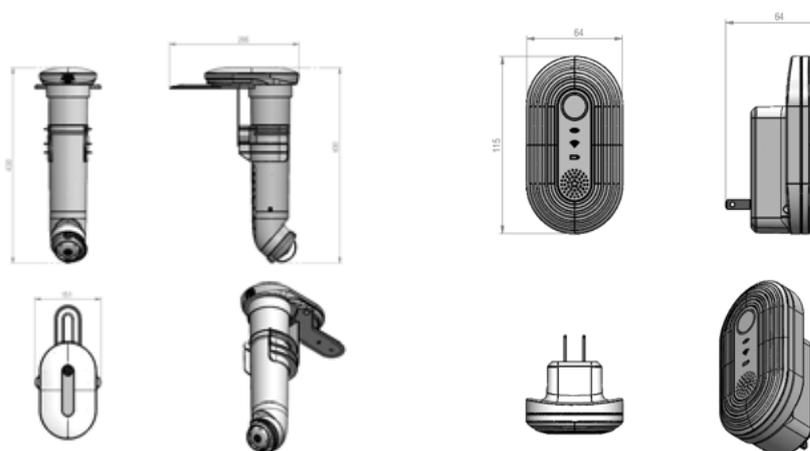
- Aquatic Monitoring: Underwater detection and tracking combining a single camera with a unique machine learning algorithm.
- Alarms and Notifications: Flexible configuration of notification rules and monitoring options.
- Integration and Control: Control panel accessible from a PC and alerts on mobile devices.
- Simple Installation: Ready-to-use hardware and software, without significant pool adjustments needed.

### Installation:

- Universal Installation: The same hardware adapts to any pool size, ensuring quick installation without the need to drain the pool.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Mylo Pro	77482	-	-	-



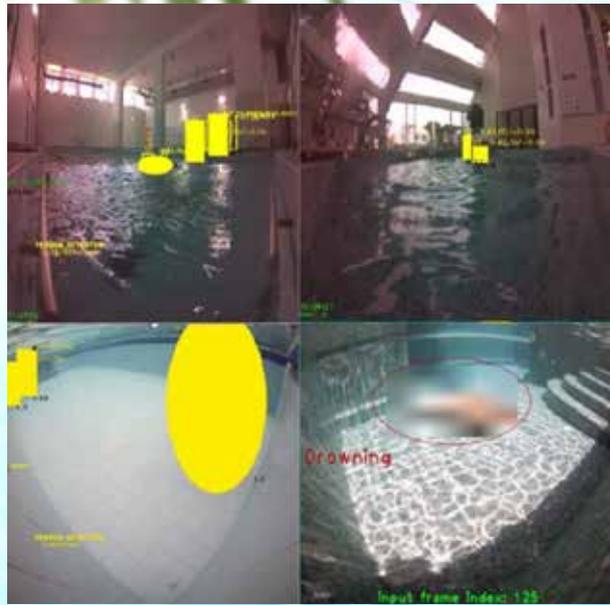
# Full privacy mode



All the Computer vision/AI processing is done inside the Box and not on the CLOUD.



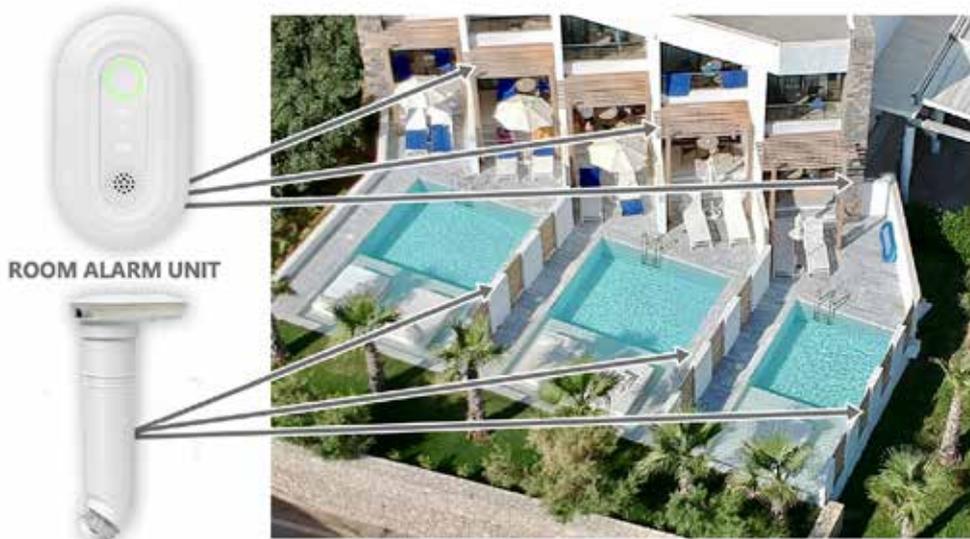
Pictures uploaded to the app on control station are not showing guest picture (only marking of people with blurred picture)



## Control Station



## Additional solution for rooms with private pools



FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



THE FUTURE  
IS HERE



## CONNECT & GO COMMERCIAL PRODUCTS

- + Convenience & easy installation
- + A range of Connect & Go power center cabinets is offered to suit most commercial pools configurations.
- + Connect & Go Commercial power center cabinets contain all electrical protections and switches to manage pool equipment. Everything is pre-wired to ease installation process so it is the perfect solution for new pools, while also being adapted to retrofit situation (simply replace the whole cabinet with Connect & Go Commercial).
- + Fluidra Connect is a smart solution that enables end users and pool dealers to control a pool remotely. This makes it possible for pool dealers to check out, manage and control all the pools they have installed from a PC.

## CONNECT & GO COMMERCIAL

### EASY



Control and power devices for up to 3 pump sets with direct start and control devices for balancing tank. The panel includes control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- Balancing tanks minimum level, filling level and maximum level.
- Transformer 24VAC filling valve.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- 1 Digital input to monitor the filtration status and 1 digital inputs to monitor the motor circuit breakers.
- 2 Digital inputs to monitor maximum and minimum balancing tank level.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Easy (2 HP)	72272	1	-	-
Easy (3 HP)	72271	1	-	-

## CONNECT & GO COMMERCIAL

### DIRECT



Control and power devices for up to 3 pump sets with direct start and control devices for balancing tank. The panel includes analog inputs, control of motorized valves in suction manifold and control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- 1 Aux. Output (max 10A).
- Balancing tanks minimum level, filling level and maximum level.
- Transformer 24VAC filling valve.
- 3 Control valves inlet pumps.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- Real energy / Reactive energy / Apparent energy meter.
- 4 Analog inputs (4-20mA).
- 3 Digital inputs to monitor filtration pump status and 3 digital inputs to monitor the motor circuit breakers.
- 3 Digital inputs to monitor end of stroke.
- 2 Digital inputs to monitor maximum and minimum balancing tank level and 2 digital inputs for water-meter by pulses.
- 3 Available digital inputs and 4 available digital outputs (max 2A).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Direct (1 HP)	72720	1	-	-
Direct (2 HP)	72718	1	-	-
Direct (3 HP)	72719	1	-	-

FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



## CONNECT &amp; GO COMMERCIAL PRODUCTS

FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



## CONNECT &amp; GO COMMERCIAL

## SMART

ASTRALPOOL

Control and power devices for up to 3 pump sets with soft start and control devices for balancing tank. The panel includes analog inputs, control of motorized valves in suction manifold and control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- 1 Aux. Output (max 10A).
- Balancing tank minimum level.
- Balancing tank filling level.
- Balancing tank maximum level.
- Transformer 24VAC filling valve.
- 3 Control valves inlet pumps.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- Real energy / Reactive energy / Apparent energy meter.
- 4 Analog inputs (4-20mA).
- 3 Digital inputs to monitor filtration pump status.
- 3 Digital inputs to monitor the motor circuit breakers.
- 3 Digital inputs to monitor end of stroke.
- 2 Digital inputs to monitor maximum and minimum balancing tank level.
- 2 Digital inputs for water-meter by pulses.
- 3 Available digital inputs and 4 Available digital outputs (max 2A).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Smart (3 HP)	72713	1	-	-
Smart (5.5 HP)	72714	1	-	-
Smart (7.5 HP)	72715	1	-	-
Smart (10 HP)	72716	1	-	-
Smart (12 HP)	72717	1	-	-

FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



## CONNECT &amp; GO VS

## CONTROL PUMP CABINET

ASTRALPOOL

The Connect & Go VS pre-wired cabinet is a Plug & Play solution conceived as the control center of the pool allowing to easily vary the speed of the filtration pump.

- Power range from 3HP to 10HP.
- Pump control modes:
  - Manual (with button switch).
  - Automatic (Automation and programming times and speed through Fluidra Connect).
- Superimmunized residual current circuit breaker.
- Forced ventilation system.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Connect & Go Commercial - VS (3HP III 400V)	75491	1	-	-
Connect & Go Commercial - VS (5.5HP III 400V)	75492	1	-	-
Connect & Go Commercial - VS (7.5HP III 400V)	75493	1	-	-
Connect & Go Commercial - VS (10HP III 400V)	75494	1	-	-

FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



## CONNECT &amp; GO COMMERCIAL

## CONTROL PUMP CABINET

ASTRALPOOL

Control pump devices for commercial pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Control pump (up to 4 pumps)	70745	1	-	-
Control pump (up to 8 pumps)	70746	1	-	-

# FLUIDRA CONNECT®

CONNECT & GO

**SMART POOL**  
Connected hubs

## Installation Diagram



CONNECT & GO  
POWER CENTER CABINET



Smart control of "NN Thing" compatible products  
(in addition to standard control: bilateral communication, advanced status and messages, operational mode selection...)

**GPIO\***  
Device with inputs & outputs provided with Connect & Go power center cabinet to manage standard products



Standard control of any standard product  
(on / off / scheduling / status)



**Did you know?**  
Fluidra provides more than 100 products able to offer a smart control and exchange with Connect & Go pool automation. Simply look for the "NN Thing" icon in the product pages.

## FLUIDRA CONNECT ACCESSORIES

## FLUIDRA CONNECT ACCESSORIES



FLUIDRA  
**CONNECT**  
INTERNET OF POOLS



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Connect box	66671	1	-	-
GPIO	62368	1	-	-
230 VAC opto-isolator	66395	1	-	-
24 VAC opto-isolator	66396	1	-	-
Switch - 5 ports	66390*	1	-	-
Power Line Communications - 2 ports	66391*	1	-	-
Indoor Wi-Fi access point	66392*	1	-	-
Outdoor router	66393*	1	-	-
Portable router	66394*	1	-	-
3G router (requires SIM card)	67297*	1	-	-
3G router for DIN rail (requires SIM card)	67298*	1	-	-
SEM1 single-phase meter with transformer	68441	1	-	-
SEM3 single-phase meter with 3 transformers	68442	1	-	-
Bridge Modbus TCP/RTU	68168	1	-	-
Modbus temperature sensor kit	69682	1	-	-

\* Available while stock lasts.



66395 - 66396

66671

62368

66392

66393

66394

67297

68441-68442

68168

## OPTIMIZE YOUR AQUATIC FACILITY WITH A DIGITAL TWIN



- ENERGY AND WATER SAVINGS**  
 Reduce your operational costs by 10% to 25% in less than a year. Improve the efficiency of your aquatic facility with an advanced platform that monitors and optimizes energy and water consumption, ensuring fast and sustainable results.
- COMPLETE CONTROL OF YOUR POOL**  
 Manage your facility with a 360° view of all operational parameters. Centralize temperature, humidity, and water quality data through a remote monitoring system, ensuring comfort and efficiency at all times.
- AUTOMATION AND DIGITALIZATION**  
 Forget about manual tasks: water quality control and maintenance functions are automated and scheduled, saving you time and allowing you to focus on what really matters: an exceptional user experience.
- ANOMALY DETECTION AND CORRECTION**  
 Thanks to artificial intelligence, the platform proactively detects any anomalies in your pool's consumption and operation, ensuring that corrections are made immediately, before they become costly problems.
- LONG-TERM PLANNING**  
 With our technology, you not only improve the present but also anticipate the impact of future decisions. Evaluate potential energy improvements and create an optimized roadmap to ensure the performance and efficiency of your facility in the future.
- PROVEN INNOVATION**  
 More than 50 pools already enjoy the benefits of this solution, achieving an average energy savings of 20.6% and water savings of 25.2%.

For more information, please contact your local Fluidra office.



## POOLS

# POOL SURROUND EQUIPMENT

### 40 POOL ACCESS

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### 56 SHOWERS

- 56 Showers with timers
- 56 Shower tunnels
- 57 Outdoor footbaths

### 58 WATER GAMES AND ORNAMENTAL WATER FEATURES

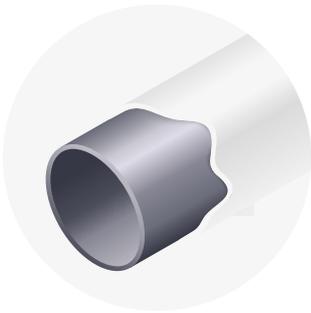
- 58 Water curtains
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### 74 GRILLES FOR OVERFLOW



# STAINLESS STEEL SPLIT LADDERS WITH PLASCOAT® TECHNOLOGY

## THE PERFECT SOLUTION FOR SALTWATER POOLS



**SUPERIOR  
RESISTANCE TO  
CORROSION**

Stainless steel with Plascoat® coating offers ultimate corrosion protection for saltwater pools.



**STAINLESS STEEL Ø 43 MM  
PIPE HANDRAIL AND  
NON-SLIP STEPS**

Ladders are suitable for both new and existing pools, made from Ø 43 mm tube and equipped with non-slip steps.



**COMPATIBLE  
WITH POOL  
COVERS**

Compatible with covers and available in 3 and 4 steps, allowing the best choice for your pool.

POOL ACCESS

LADDERS PLASCOAT® TECHNOLOGY MODEL

- Special treatment for higher endurance with Salt Water Chlorinator pools avoiding corrosion and rust.
- In-ground pool ladder. Suitable for new pool and rejuvenation ladders.
- Stainless steel Ø 43 mm pipe handrail.
- Special non-slip steps design ensures safety.



Expected availability:  
March 2025



Complies with Standards  
EN 13451-2

SPLIT LADDERS WITH PLASCOAT® TECHNOLOGY

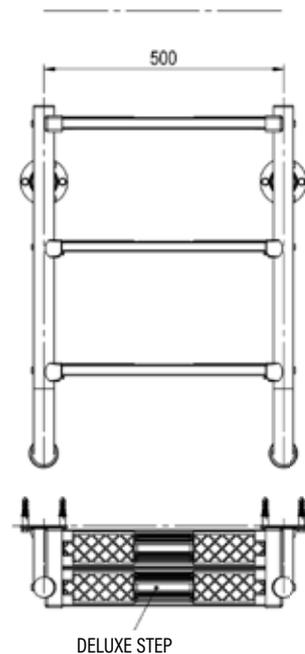
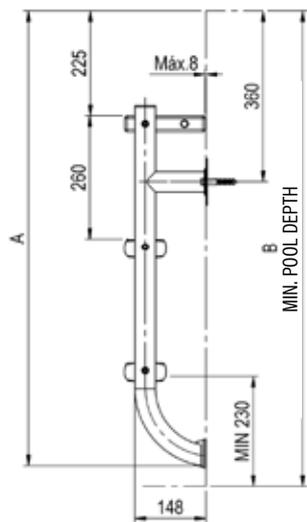


AISI-304L split ladders with Plascoat® coating providing an extra-corrosion protection. Supplied with plates, gaskets, wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
2 steps + 1 safety step	76697	1	7.6	0.04
3 steps + 1 safety step	76698	1	9.0	0.05
<b>Kits</b>				
2 steps + 1 safety step + 470 x 800 mm rail	77404	1	15.2	0.12
3 steps + 1 safety step + 470 x 800 mm rail	77405	1	16.6	0.13
2 steps + 1 safety step + 800 x 800 mm rail	77406	1	16.9	0.14
3 steps + 1 safety step + 800 x 800 mm rail	77407	1	18.3	0.15

TECHNICAL FEATURES

Steps	A	B
2 steps + 1 safety step	960	1000
3 steps + 1 safety step	1220	1260



POOL ACCESS

LADDERS

# OVERFLOW 1000 MODEL



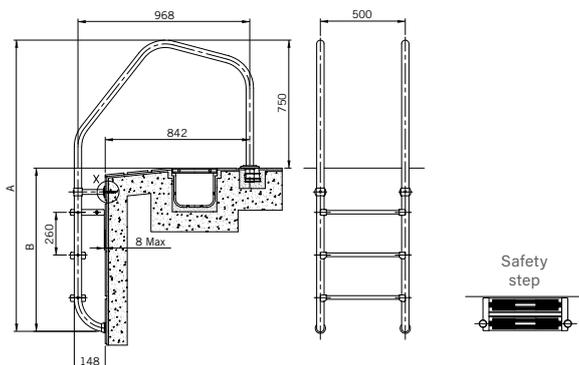
Ladder width 500 mm Ø 43 mm handrail, non-slip surface stainless treads, bright satin finish, anchoring fixtures for connection to the equipotential circuit and removable anchoring with plate for fastening to wall. AISI-316L handrail and steps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 "Luxe" steps + 1 double safety step	07514	1	13.2	0.158
2 "Luxe" steps + 1 double safety step	07515	1	15.3	0.180
3 "Luxe" steps + 1 double safety step	07516	1	17.1	0.202
4 "Luxe" steps + 1 double safety step	07517	1	19.2	0.217



Complies with Standard EN 13451-1 EN 13451-2

Code	Steps	A	B
07514	2	1450	700
07515	3	1710	960
07516	4	1970	1220
07517	5	2230	1480



# LADDER FOR SWIMMING POOLS

with overflow



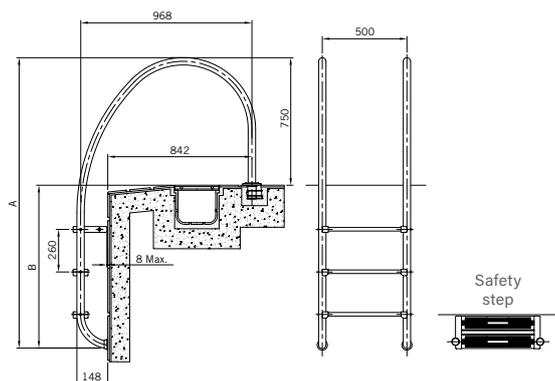
Includes variable radius curvature in grip section for a contemporary and attractive look. Steps 500 mm wide. Easy to install. Ø 43 mm x 1.5 mm handrail with AISI-316L bright satin finish stainless steel steps. Anchoring fixtures for connection to the equipotential circuit NB: Do not permit mounting on anchoring fixtures 00043, 08727, 07331, 18243.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
2 steps ladder	32653	1	13.2	0.158
3 steps ladder	32654	1	16.2	0.180
4 steps ladder	32655	1	17.1	0.202
5 steps ladder	32656	1	19.2	0.217



Complies with Standard EN 13451-1 EN 13451-2

Code	Steps	A	B
32653	2	1450	700
32654	3	1710	960
32655	4	1970	1220
32656	5	2230	1480



POOL ACCESS

LADDERS



Complies with Standard  
EN 13451-1  
EN 13451-2

## DOUBLE NON-SLIP SAFETY STEP



AISI-316L stainless steel with bright satin finish. For all in-ground pool ladder models.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Safety step	70662	1	2.05	0.003



Complies with Standard  
EN 13451-2

## PMR LADDER FOR PUBLIC POOLS



Public ladder manufactured in AISI-316L stainless steel. Polished finish. Step with non-slip punching.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
3 steps ladder	64894	1	35.0	-
4 steps ladder	64895	1	41.0	-
5 steps ladder	64896	1	35.0	-
6-step ladder	64897	1	46.5	-
7-step ladder	64898	1	46.5	-
8-step ladder	64899	1	46.5	-

POOL ACCESS

EXIT GRAB RAILS



\* 1 additional year warranty. For more information see the warranty certificate in the manual.

## 800 X 800 MM MODEL



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. Exit grab rails with fixing plates are supplied as a pair including fixing plates, gaskets, screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Attachment by means of fixing plate	05541	1	9.27	0.10
Attachment for embedding	05540	1	8.40	0.10

\* 1 additional year warranty. For more information see the warranty certificate in the manual.



POOL ACCESS

EXIT GRAB RAILS

470 X 800 MM MODEL



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. Exit grab rails with fixing plates are supplied as a pair including fixing plates, gaskets, screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Attachment by means of fixing plate	05542	1	6.97	0.08

470 X 800 MM MODEL



with rectangular base plate



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. The exit grab rails with base plates are supplied with screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Attachment by means of fixing plate	05543	1	7.6	0.08

CROSSOVER MODEL



with rectangular base plate



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. The exit grab rails with base plates are supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Attachment by means of fixing plate	05544	1	8.46	0.18

PARALLEL MODEL



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. For fixing with anchoring fixture code 00143 (not included).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Parallel model	00110	1	10.0	0.11

\* 1 additional year warranty. For more information see the warranty certificate in the manual.



POOL ACCESS

EXIT GRAB RAILS

ASYMMETRICAL MODEL



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. For fixing with anchoring fixture code 00143 (not included).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Asymmetrical model	00111	1	10.1	0.14

SPLIT LADDER - BOTTOM HALF



AISI-316L bright satin stainless steel steps and Ø 43 mm handrail. Can be combined with any ladder model. Fastening with plates, gaskets, wall plugs and screws.



Complies with Standard EN 13451-1 EN 13451-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 "Luxe" step + 1 double safety step	08090	1	6.0	0.04
2 "Luxe" steps + 1 double safety step	08091	1	7.6	0.04
3 "Luxe" steps + 1 double safety step	08092	1	9.0	0.05
4 "Luxe" steps + 1 double safety step	08093	1	10.5	0.07

GRAB RAILS, fixed in and out of the water



Polished AISI-316 stainless steel. Ø 43 mm.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>For embedding</b>				
2 units. Length 1,220 mm	00034	1	11.4	0.14
2 units. Length 1,524 mm	00035	1	13.0	0.16
<b>With base plates (gaskets, wall plugs and screws)</b>				
2 units. Length 1,220 mm	00036	1	12.2	0.21
2 units. Length 1,524 mm	00037	1	13.6	0.24

GRAB RAIL fixed out of the water



In polished AISI-316L stainless steel (Ø 43 mm).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For embedding	07780	1	6.7	0.118
With base plates (gaskets, wall plugs and screws)	07781	1	6.7	0.118

POOL ACCESS

**ANCHORING SOCKETS AND HANDRAILS**



**ANCHORING SOCKETS**



Made of plastic, with earth connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For Ø 43 mm pipe.	00042	50	7.0	0.03
For Ø 48 mm pipe.	07661	-	-	-



**ARTICULATED ANCHORING SOCKETS**



In polished Stainless Steel (AISI-304L) for a ladder with a Ø 43 mm pipe.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Articulated anchoring socket</b>				
without base plate	00043	1	0.93	0.002
with base plate	08727	1	1.0	0.002



**REMOVABLE ANCHORING SOCKET**



with base plate

In polished stainless steel (AISI-316L) for a Ø 43 mm pipe with gaskets, wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Set of 2 units	07331	1	1.00	0.003



**ANCHOR WITH LOCKING BOLTS**



Made of polished AISI-316L stainless steel. For a Ø 43 mm pipe.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Anchoring sockets	00143	2	1.2	0.003

POOL ACCESS

**ANCHORING SOCKETS AND HANDRAILS**



## LADDER FOOT PAD



Made of plastic, the angle can be adjusted by rotating the eye ball socket. Recommended for liner pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For Ø 43 mm pipe	00045	50	12.6	0.03
For Ø 28 mm pipes	00046	50	14.0	0.03

## STAINLESS STEEL HANDRAILS



Polished Ø 43 mm AISI-316L stainless steel pipes. With fixing plates (including gaskets, screws and wall plugs).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Length 0.5 m	00051	2	2.8	0.02
Length 1 m	00052	2	4.3	0.04
Length 2 m	00053	2	7.9	0.09
Length 2.5 m	00054	2	9.5	0.11

## TEE BAR



Polished Ø 43 mm AISI-316L stainless steel pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
With fixing plates (including gaskets, screws and wall plugs).	00056	1	2.09	0.01

## EQUIPOTENTIAL ANCHOR



The aim of this accessory for ladders is to solve the problem of not having the possibility to connect ground earth cable to ladders that do not have an anchoring on the pool beach.

It is mandatory by norms to connect metallic ladders to ground earth in order to have proper electrical connections. Moreover, it is highly recommended to avoid corrosion.

Equipotential anchor for ladders, manufactured in AISI-304L stainless steel and commercialized for concrete and liner pools. The anchors are composed of a recessed base on the ground, washer, screws and the equipotential bonding.

Each ladder needs to 2 units.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Concrete pools	73318	1	0.45	0.002
Liner pools	73319	1	0.50	0.002



POOL ACCESS

**DISABLED ACCESS**

**PAL II PORTABLE CHAIRS**

for disabled



- Portable chair for disabled.
- No assembly required in pool deck area.
- The rechargeable 24V battery powers a mechanical actuator, ensuring that the chair is already ready for use. 30-Cycle duration once charged.
- The perfect solution for facilities with multiple pools as it can be set up anywhere along the pool deck and put away when not in use.
- Waterproof remote control.
- Easy to use, even for the end user. Just roll the chair to the edge of the pool, lock the wheels, set the stabilizers, and it is ready to use.
- Structure made of waterproof materials to prevent corrosion.
- Armrest and footrest included.
- The Pal makes any pool accessible in seconds. It is truly the easiest way to get everyone into the water.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PAL II chair.				
Counterweight in cement blocks.	69444	1	-	-

\* Ask your AstralPool distributor about infinity pools, spas and other non-standard models.

**SPLASH SEMI-PORTABLE**

pool hoisting system for disabled people



- Semi-portable chair installed on the pool deck for disabled people.
- Includes a cart to carry the chair in order to install it in different locations.
- Installation requires a ground anchor. Its 24 V rechargeable battery supplies power to a metallic actuator, ensuring that the device is always ready for use.
- Duration of 30 cycles once loaded.
- Waterproof remote control.
- The Splash is equipped with a water resistant structure to prevent corrosion and it has armrests and a footrest.
- Its load capacity of 136 kg and its 359° swivel makes it one of the most practical solutions for disabled access to the pool.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Splash Chair	53924	1	390	1.789

POOL ACCESS

DISABLED ACCESS

## HYDRAULIC POOL HOIST



- It is made up of a structure made of polished Ø 43 mm AISI-316L stainless steel pipes to which the hydraulic mechanism supporting the chair is fitted.
- For the hydraulic mechanism to work there needs to be a water supply with a minimum pressure of 3.5 kg/cm<sup>2</sup>.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Fully equipped hoist</b>				
with a 650-mm-long handrail	71657	1	-	-
with a 1000-mm-long handrail	71658	1	-	-
<b>Optional:</b>				
Headrest	71185	1	-	-
Foot rests	71186	1	-	-

**INSTALLATION:**

The external attachment is by means of two fixed metallic anchors (supplied with the device) and two adjustable front supports, which make it possible to adjust the hoist to the finishes of different swimming pools.

**To make it easier for people that require a hydraulic hoist chair to get in and out of leisure or hydrotherapy pools. Easy to assemble.**

Min. swimming pool depth:  
1 m

## HYDRAULIC POOL HOIST



- It is made up of a structure made of polished Ø 43 mm AISI-316L stainless steel pipes to which the hydraulic mechanism supporting the chair is fitted, and a ladder at the side for the assistant.
- For the hydraulic mechanism to work there needs to be a water supply with a minimum pressure of 3.5 kg/cm<sup>2</sup>.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
L-650 Railings	28619	1	18.7	0.253
L-1000 Railings	28620	1	35.5	0.383
Cylinder	28621	1	13.8	0.042
Accessories	28622	1	18.3	0.178

**INSTALLATION:**

The external attachment is by means of two fixed metallic anchors (supplied with the device) and two adjustable front supports, which make it possible to adjust the hoist to the finishes of different swimming pools.

**To make it easier for people that require a hydraulic hoist chair to get in and out of leisure or hydrotherapy pools. Easy to assemble.**

Min. swimming pool depth:  
1.5 m

For pools shallower than 1.5 m please ask your dealer.

POOL ACCESS

**DISABLED ACCESS**

**500 MM WIDTH MODEL**



Made of polished Ø 43 mm AISI-316L stainless steel pipes. Plastic non-slip steps. Supplied with anchoring fixtures and earth connection.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
4 steps	00116	1	28.0	0.300
5 steps	00117	1	40.9	0.300
6 steps	00118	1	47.5	0.370
7 steps	00119	1	51.4	0.370
8 steps	00120	1	48.0	1.057

**970 MM WIDTH MODEL**



Made of polished Ø 43 mm AISI-316L stainless steel pipes. Plastic non-slip steps. Supplied with anchoring fixtures and earth connection.



We also supply the pipes and components needed to install grab rails or other decorative features around the edge of pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
4 steps	00116 + 4 Kit 28615	1	-	-
5 steps	00117 + 5 Kit 28615	1	-	-
6 steps	00118 + 6 Kit 28615	1	-	-
7 steps	00119 + 7 Kit 28615	1	-	-
8 steps	00120 + 8 Kit 28615	1	-	-

**STEP KIT FOR CONVERTING**

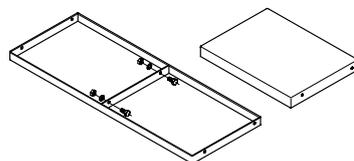
a ladder's width from 500 to 970 mm



To convert the ladder from 500 mm to 970 mm, one "Step kit" is required for each of the steps of the ladder. It is made of polished AISI-316L stainless steel pipes, with plastic non-slip steps.

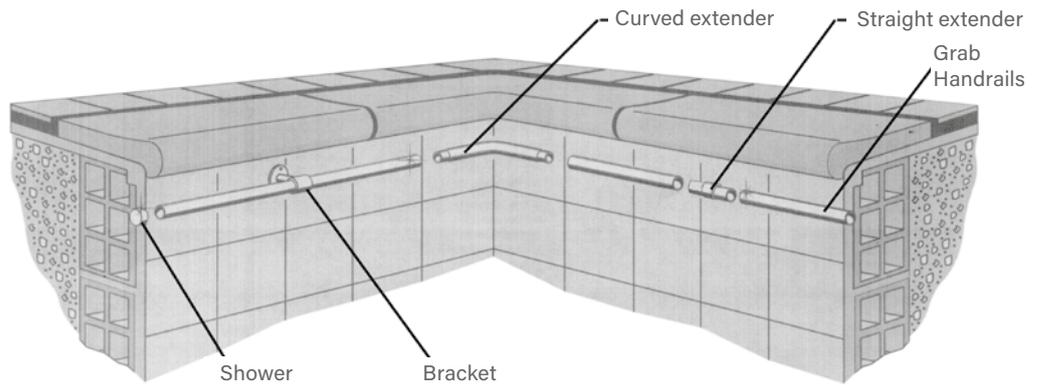


	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Step kit	28615	1	5.9	0.027



HANDRAILS

HANDRAILS



STRAIGHT HANDRAILS



In polished AISI-316L stainless steel pipe (Ø 43 mm). The length required must be ordered.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
With sealed ends	05545	1	1.5	0.002
With open ends	19946	1	1.3	0.002
With one end sealed and the other open	20092	1	1.3	0.002

STRAIGHT HANDRAIL CONNECTOR



Made of polished AISI-316L stainless steel. For joining Ø 43 mm stainless steel pipes.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Straight handrail connector	09452	1	0.32	0.001

CURVED CONNECTOR



Made of polished AISI-316L stainless steel. For joining Ø 43 mm pipes.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Curved connector	11286	1	0.3	0.001

END CAPS



For the end of Ø 43 mm handrail pipes. Made of polished AISI-316L stainless steel.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
End cap	08014	1	0.1	0.001

HANDRAILS

**HANDRAILS ATTACHMENT SUPPORT**

**BRACKET CLOSED AT ONE END**



Made of AISI-316L stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Bracket closed at one end	07789	2	0.6	0.002

**90° ANGLE HANDRAIL SUPPORT**



Made of AISI-316L stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
90° Angle handrail support	11143	1	1.17	0.002

**ADAPTOR KIT for liner swimming pools**



Made of AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Adaptor kit for liner swimming pools	26172	1	0.3	0.002

**SPLIT BRACKET**



For Ø 43 mm pipe. Made of polished AISI-316L stainless steel. Supplied with screws and wall plugs (concrete swimming pools) and gasket and screws (liner swimming pools).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Concrete swimming pool	25342	2	0.72	0.002
Liner swimming pool	28618	2	1.40	0.002

**STRAIGHT BRACKET with base plate**



Made of AISI-316L polished stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Straight bracket with base plate	08013	2	0.5	0.002

LIFE-SAVING

LIFEGUARD CHAIRS



## LIFEGUARD CHAIR

Made with polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic. The base bar has wheels.



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Lifeguard chair	56993	1	55.6	0.52
Lifebuoy holder	56994	1	0.6	0.03
Sunshade bracket	56995	1	0.6	0.01



56994

56995

## H-400 quick access lifeguard chair



Made of polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic. Large platform and 90° rotating seat to increase the range of vision. Ideal for children's or paddling pools.

Includes bracket for sunshade.



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
H-400 lifeguard chair	15673	1	39.6	0.66

## MULTIPURPOSE H-1000 lifeguard chair



Made of polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic.

Large platform and 90° rotating seat to increase the range of vision. Includes bracket for sunshade.



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
H-1000 lifeguard chair	15674	1	65.0	1.64

LIFE-SAVING

LIFEGUARD CHAIRS



SENTRY® lifeguard chair



- Sentry™ series constructed from CNC cut HDPE for strength and low maintenance.
- 3 Seat Height options 76 cm, 107 cm, 168 cm.
- 76 cm chair comes with brackets for anchoring to pool deck.
- 107 cm & 168 cm chairs are pre-drilled for concrete anchors.
- 168 cm chair available with additional center support for high wind environments.
- Marine grade, 316 stainless steel hardware.
- Textured treads for slip resistant surface.
- Features integrated cup holder, life hook and sun umbrella holder.
- Optional wheels for ease of movement.
- Designed to meet the logistical and safety needs of facilities from small hotel pools to large aquatic facilities.



76 cm chair wheel kit



107 cm and 168 cm chair wheel kit

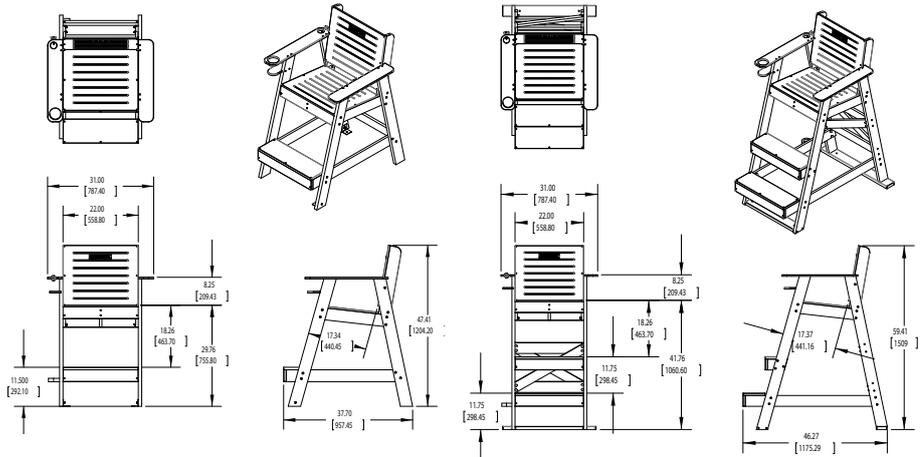
Accessories & Replacement Parts:

- 13-501 30" chair anchor brackets (included)
- 13-502 30" wheel kit
- 13-503 42" & 66" wheel kit

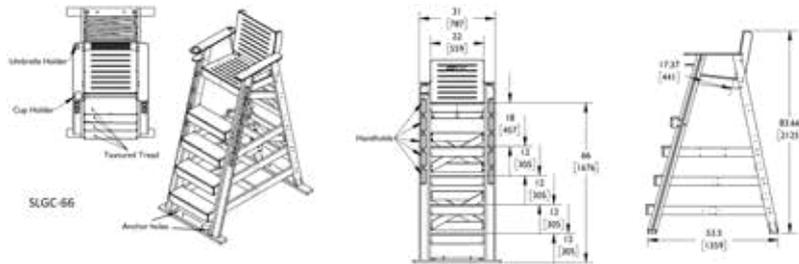
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
76 cm Sentry Lifeguard Chair	SLGC-30	1	30 Kg	-
107 cm Sentry Lifeguard Chair	SLGC-42	1	43 kg	-
168 cm Sentry Lifeguard Chair	SLGC-66	1	75 Kg	-
168 cm Sentry Lifeguard Chair with center supports	SLGC-66-S	1	82 kg	-

76 cm Sentry Lifeguard chair

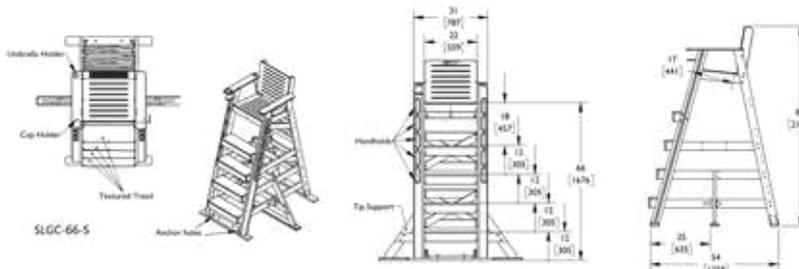
107 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair with center supports



LIFE-SAVING

LIFE-SAVING ACCESSORIES

## LIFE SAVING HOOK



Made of AISI-316L stainless steel with connection to telescopic handles 01361, 01362, 01363 and 15838 by means of wing nuts.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Life saving hook	01368	1	1.46	0.03

## LIFEBUOY



Made of Styropor covered with orange canvas, Ø 700 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lifebuoy	01369	6	18.0	0.330

## LIFEBUOY HOLDER



Made of polished AISI-304L stainless steel. It can be hung on the wall or fitted to a lifebelt holder post (code 01371). It is supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lifebuoy holder	01370	1	1.16	0.004

## LIFEBELT HOLDER POST



In polished AISI-316L stainless steel (Ø 43 mm). Baseplate with 3 holed. Supplied with flexible seal, wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lifebelt holder post	01371	1	3.0	0.01

SHOWERS

SHOWERS WITH TIMERS

SHOWER WITH TIMER and 4 shower heads



AISI-304L polished stainless steel shower, specially designed for high footfall facilities (public or semi-public pools). AstralPool showers for public facilities are characterised by their highly resistant materials, considered vandal-proof, and the water savings made thanks to their built-in flow limiters. Showerhead height from floor: 2 m. Fastened to floor with screws, with anchoring fixture incorporated. Fastens to ground with screws and includes an anchoring fixture.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Shower with timer and 4 shower heads	59779	1	18.7	0.166



SHOWERHEADS



TIMER SWITCHES

SHOWERS

SHOWER TUNNELS

SHOWER TUNNEL WITH ARCH



For swimming pool entrances. Made of polished AISI-304L stainless steel pipe with a diameter of 28 mm. Supplied with wall plugs and screws.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1 Arch</b>				
with 3 shower heads. Width 1.2 m.	00100	1	9.6	0.10
with 5 shower heads. Width 2 m.	19948	1	10.4	0.14



SHOWERHEAD

SHOWERS

SHOWER TUNNELS



## CONTROL COLUMN



Made of AISI-304L stainless steel. The control the automatic opening and closing of the water circuit. It includes the following elements: a 220V/24V transformer, a photoelectric timer cell and an electro valve. It is supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Control column	00102	1	7.0	0.02

OUTDOOR FOOTBATHS



## FOOTWASH FOR PUBLIC USE



Footwash tray measuring 2 x 1 m, for public use. Made of polyester resin and fibreglass. Finished with Gelcoat. Specifications:

- Drain grille 3/8"
- Overflow and water inlet connection 3/8".
- Non-slip surface incorporated in the polyester.
- Angled tray to avoid water build-up.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Blue colour	21255	1	30.0	0.91
White colour	21255CLO7	1	30.0	0.91

## DOSING RECIPIENT



Designed to be installed in the footwash (screwed or glued) as a recipient for a 200 g Chlorine tablet that dissolves gradually and disinfects the water. Includes locking screws to prevent undue opening as well as for ensuring user safety.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Dosing recipient	25356	-	-	-

NOTE: The water features do not include a pump, control box or suction pipes.



NOTE: The water features do not include a pump, control box or suction pipes.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CURTAINS

- Range of cascades for residential pools made of AISI-316L stainless steel.
- The range is made up of three cascades in an outstanding modern design.
- Polished + matt finish.
- All models come with anchoring. A ½ HP pump is recommended (code 65557).

CLASSIC WATER CURTAIN



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Classic water curtain	57095	1	28	0.38

STRAIGHT WATER CURTAIN



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Straight water curtain	57096	1	36	0.25

ONE WATER CURTAIN



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
One water curtain	57097	1	36	0.25

RECOMMENDED



Victoria Plus Silent pump

See P. 174

RESIDENTIAL WATER CURTAIN



Residential water curtain in polished stainless steel. Fastened to the ground with screws and anchor studs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>In AISI-316L stainless steel</b>				
A-350 - 12 m <sup>3</sup> /h, 2 mwc	52244	1	10	0.12
A-500 - 18 m <sup>3</sup> /h, 2 mwc	52245	1	15	0.24

TECHNICAL FEATURES

Code	Suction concrete	Pump	Control box	*Optional Push button + Switch
52244	00302 x 2	65560	25719	04047 + 04050
52245	00302 x 2	65562	25719	04047 + 04050

\* Optional: components for turning the waterfall on from the pool.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

**WATER CURTAINS**



**COBRA CURTAIN**



Height: 1.2 m. Width 600 mm. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	19972	1	23.2	0.630
Painted in white	19973	1	23.2	0.630



**BOA CURTAIN**



Height: 1.2 m. Width 340 mm. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Bright polished	19974	1	11.2	0.278



**LUXE CURTAIN**



Height: 0.9 m. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Bright polished	19975	1	60.0	0.547



**ARCHED CURTAIN**



AISI-316L stainless steel matt finish.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Width 600 mm, Height 800 mm	20129	1	34.1	0.247
Width 600 mm, Height 1000 mm	20130	1	62.0	0.547
Width 1000 mm, Height 1000 mm	20131	1	106.5	1.044

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

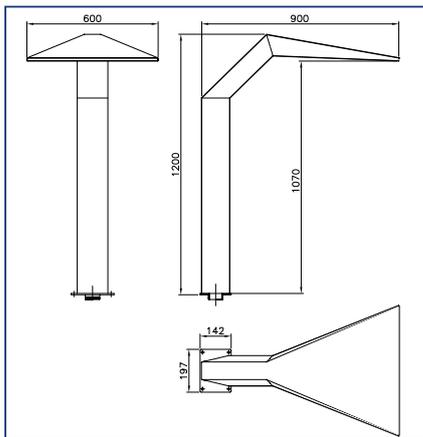
WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CURTAINS

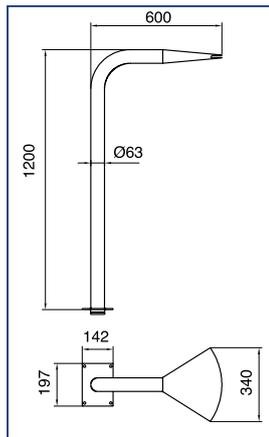
COBRA, BOA, LUXE, ARCHED curtains



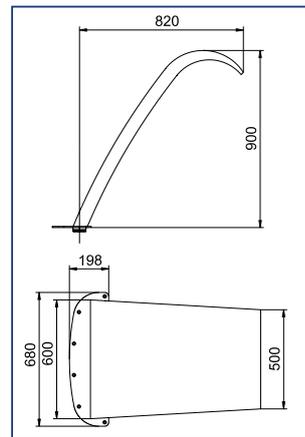
19972-19973



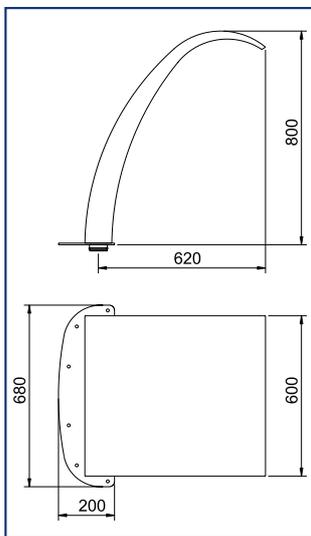
19974



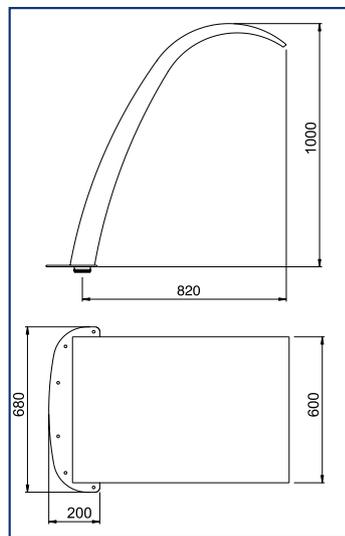
19975



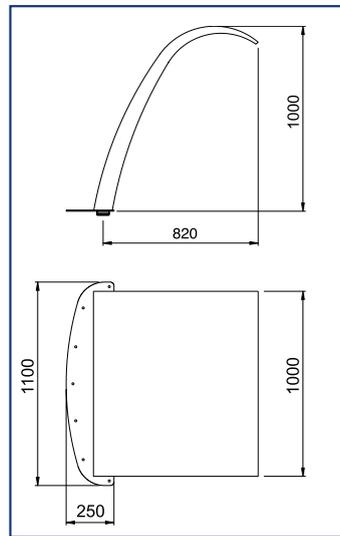
20129



20130



20131



TECHNICAL FEATURES

Curtain code	Faceplate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
19972	19981	19983	19987 x 3	20091 x 3	65570	19990	07537	07867	
19973	19982	19983	19987 x 3	20091 x 3	65570	19990	07537	07867	
19974	19977	19983	19987 x 2	20091 x 2	65565	19989	17154	17155	
19975	-	19985	19987 x 3	20091 x 3	65570	19990	07537	07867	
20129	-	19985	19987 x 3	20091 x 3	65570	19990	07537	07867	
20130	-	19985	19987 x 3	20091 x 3	65570	19990	07537	07867	
20131	-	20135	19987 x 3	20091 x 3	65570	19990	07537	07867	

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CURTAINS

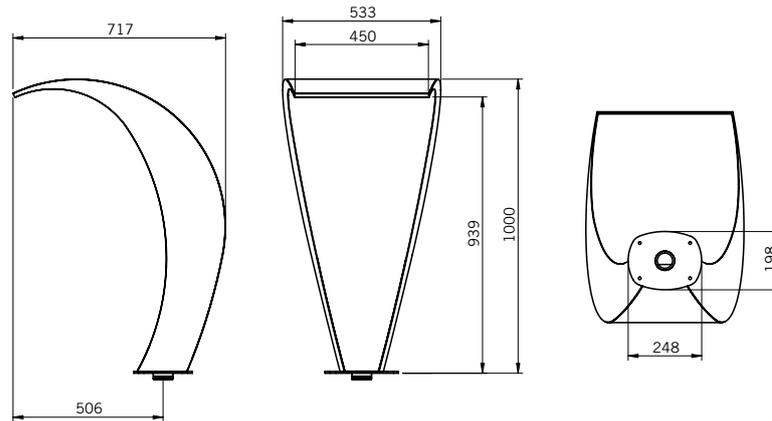


## SWAN CURTAIN 450

In AISI-316L stainless steel.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	34387	1	27.7	0.356

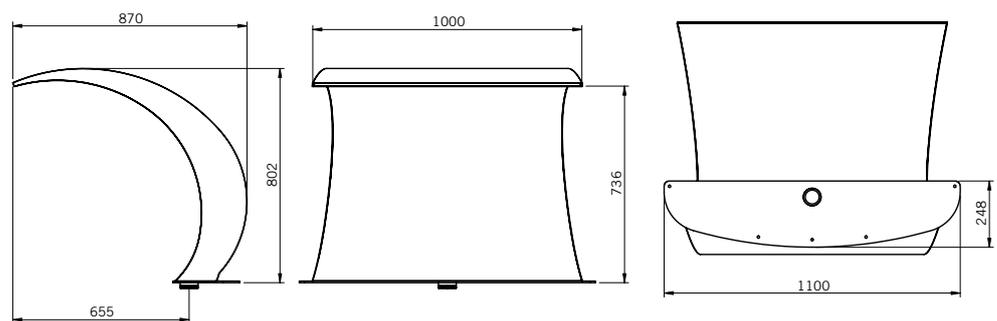


## SWAN CURTAIN 1000

In AISI-316L stainless steel.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	34390	1	38.2	0.872



TECHNICAL FEATURES

Curtain code	Anchoring sockets		Suction		Pump	Control box	
	Concrete	Concrete	Liner	Manual push button		Pneumatic push button	
						Concrete	Liner
34387	19983	19987 x 2	20091 x 2	65565	19989	17154	17155
34390	20135	19987 x 3	20091 x 3	65570	19990	07537	07867

Note: The pneumatic push button includes: control box, wall conduits and push button.

**POOL SURROUND EQUIPMENT**

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

POOL SURROUND EQUIPMENT



**WATER GAMES AND ORNAMENTAL WATER FEATURES**

**WATER CANNONS**



**CANNONS**

In AISI-316L polished stainless steel (cannon only, no nozzles) Ø 50mm pipe. Height 1.2 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Cannon	19968	1	7.2	0.193

**INTERCHANGEABLE NOZZLES**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Nozzle No 1	05572	1	0.66	0.003
Nozzle No 2	05573	1	0.46	0.003
Nozzle No 3	05574	1	0.56	0.003
Nozzle No 4	05575	1	0.81	0.003



**VERTICAL**



In polished AISI-316L Stainless Steel. Pipe: Ø 84 mm. Height 1.5 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Single	19969	1	10	0.080

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CANNONS

RESIDENTIAL WATER CANNON



Residential water cannon in polished stainless steel. Fastened to the ground with screws and anchor studs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>AISI-316L stainless steel</b>				
Round opening. 5 m <sup>3</sup> /h, 2 mwc	52242	1	3	0.12
Flat opening. 15 m <sup>3</sup> /h, 2 mwc	52243	1	5	0.13
<b>AISI-304L stainless steel</b>				
Round opening. 5 m <sup>3</sup> /h, 2 mwc	52238	1	3	0.12
Flat opening. 15 m <sup>3</sup> /h, 2 mwc	52239	1	5	0.13

TECHNICAL FEATURES

Code	Suction concrete	Pump	Control box	*Optional Push button + Switch
52242	00302	65557	25718	04047 + 04050
52243	00302 x 2	65560	25719	04047 + 04050
52238	00302	65557	25718	04047 + 04050
52239	00302 x 2	65560	25719	04047 + 04050

\*Optional: components for turning the cannon on from the pool.

NOTE: The water features do not include a pump, control box or suction pipes.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



BELL



In AISI-316L stainless steel. Pipe: Ø 63 mm. Height 1.2 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Bell	19971	1	9.2	0.274

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

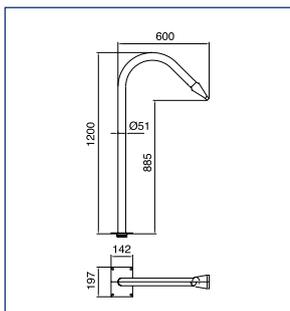
WATER CANNONS

DELUXE CANNON

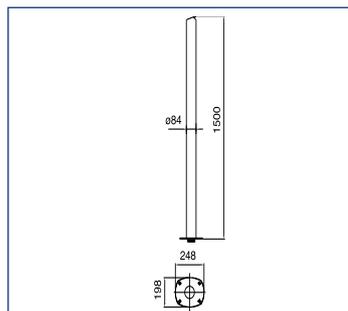


Stainless Steel polished AISI-316L. Pipe: Ø 63 mm. Height: 0.8 mm.

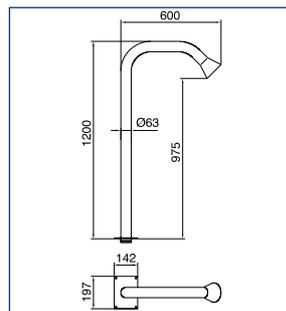
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Flat	19970	1	8.2	0.211
Circular	20132	1	9.4	0.209
6 outlets	20133	1	8.6	0.213



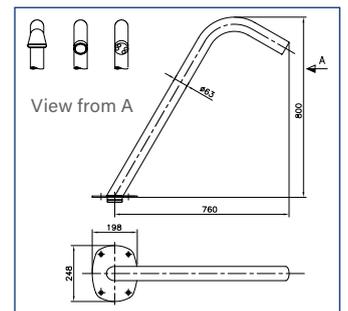
19968



19969



19971



19970-20132-20133

TECHNICAL FEATURES

Code water feature	Face plate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
19968	19976	19983	19987 x 1	20091 x 1	65558	19988	07669	07868	
19969	19978	19983	19987 x 1	20091 x 1	65558	19988	07669	07868	
19970	-	19983	19987 x 1	20091 x 1	65558	19988	07669	07868	
19971	19977	19983	19987 x 2	20091 x 2	65565	19989	17154	17155	
20132	-	19983	19987 x 1	20091 x 1	65558	19988	07669	07868	
20133	-	19983	19987 x 1	20091 x 1	65558	19988	07669	07868	

Note: The pneumatic push button includes: control box, wall conduits and push button.

WATER GAMES AND ORNAMENTAL WATER FEATURES

**WATERFALLS**



## ORNAMENTAL WATERFALLS

In AISI-316L stainless steel.

NOTE: The water features do not include a pump, control box or suction pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Width (W) 300 mm. 1½" connection (B)	05577	1	6.9	0.06
Width (W) 600 mm, 2" connection (B)	05578	1	11.9	0.09

**TECHNICAL FEATURES**

Water feature code	Face plate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
05577	-	-	-	19987 x 1	20091 x 1	65558	19988	07669	07868
05578	-	-	-	19987 x 2	20091 x 2	65565	19989	17154	17155

Note: The pneumatic push button includes: control box, wall conduits and push button.

## SILKFLOW WATERFALLS



Waterfall made of corrosion resistant ABS. Can be fed through the return circuit of the pool filter or through a specific pump.

NOTE: The water features do not include a pump, control box or suction pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
300 mm waterfall	45205	1	1.19	0.012
600 mm waterfall	45206	1	2.36	0.021
900 mm waterfall	45207	1	3.45	0.003
1200 mm waterfall	45208	1	4.62	0.004
1800 mm waterfall	54090	1	7.0	0.057

**TECHNICAL FEATURES**

Code	Required water flow l/min	Standard pump size HP	A Length of waterfall	B Width of waterfall over the pool surface, at the recommended rate of l/min/m	C Recommended height for the waterfall	D Distance of the water at the recommended rate of l/min/m
45205	50	0.5	300 mm	200 mm	300 mm	300 mm
45206	100	0.5	600 mm	500 mm	600 mm	300 mm
45207	150	0.75	900 mm	800 mm	900 mm	300 mm
45208	200	0.75	1200 mm	1100 mm	900 mm	300 mm
54090	300	1.50	1800 mm	1700 mm	900 mm	300 mm

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

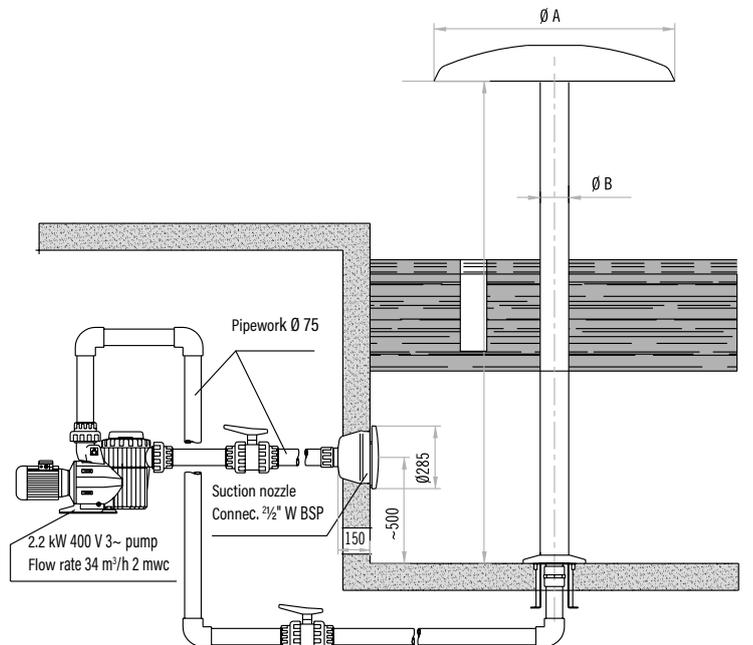
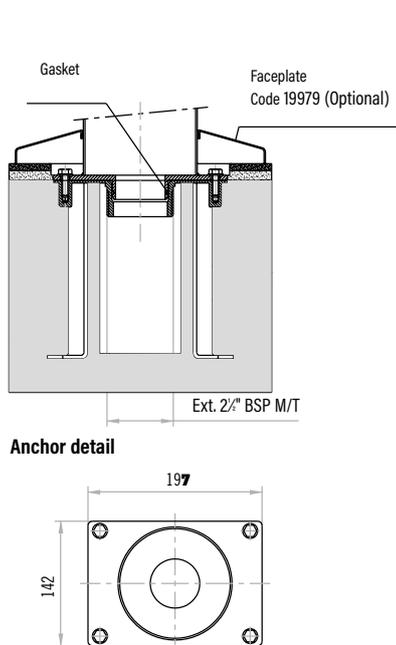
UMBRELLAS

UMBRELLAS



In AISI-316L Stainless Steel polished column. Umbrella in polyester.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Umbrella S, Ø 1100 mm	22750	1	30.0	0.450
Umbrella M, Ø 1500 mm	22751	1	85.0	1.900
Umbrella L, Ø 2000 mm	22752	1	110.0	2.400
Umbrella XL, Ø 2500 mm	22753	1	130.0	3.500
Column Ø 129 mm	22754	1	23.4	0.274
Column Ø 254 mm	22755	1	55.8	0.507



TECHNICAL FEATURES

Parasol Ø	Canopy	Column	Face plate	Anchoring sockets		Suction		Pump	Control box		
				Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
										Concrete	Liner
1100	22750	22754	19979	19983	15833	19987 x 3	20091 x 3	65570	19990	07537	07867
1500	22751	22755	19980	19984	19986	19987 x 4	20091 x 4	08003	19991	-	-
2000	22752	22755	19980	19984	19986	19987 x 4	20091 x 4	08003	19991	-	-
2500	22753	22755	19980	19984	19986	19987 x 5	20091 x 5	08004	19992	-	-

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER MUSHROOMS

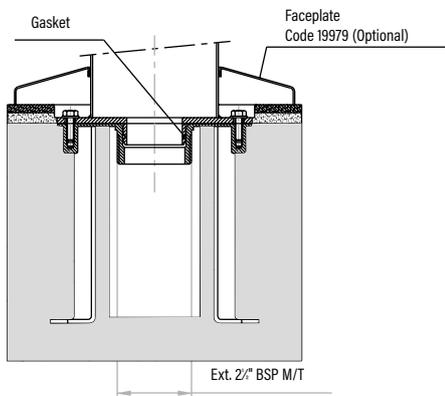


MUSHROOMS

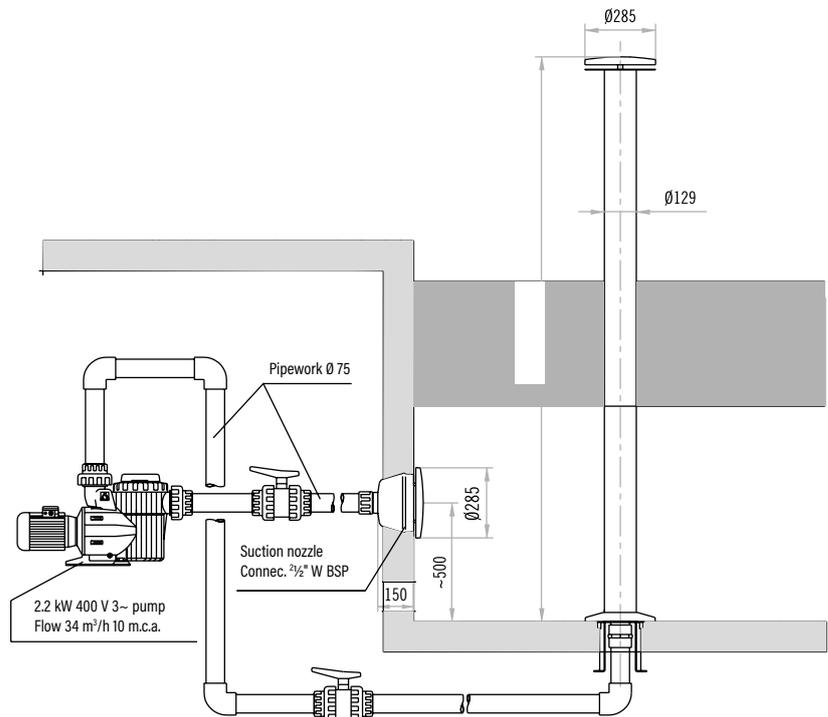
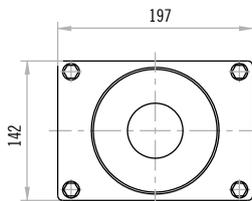
In AISI-316L polished stainless steel. Column Ø 129 mm. Height 2.3 m.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Mushroom Ø 285 mm	19966	1	24.8	0.273



Anchor detail



TECHNICAL FEATURES

Code water feature	Face plate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
19966	19979	19983	15833	19987 x 3	20091 x 3	65570	19990	07537	07867

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER MUSHROOMS

WATER MUSHROOM Ø 250 MM



In AISI-316L stainless steel. Its fastening system allows it to be fitted in concrete or prefabricated pools. Column Ø 104 mm. Height 385 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	34378	1	5.4	0.34

WATER MUSHROOM Ø 400 MM



Made of AISI-316L. It has been designed for installing in prefab. and concrete pools. Column Ø 129 mm. Height 460 mm.

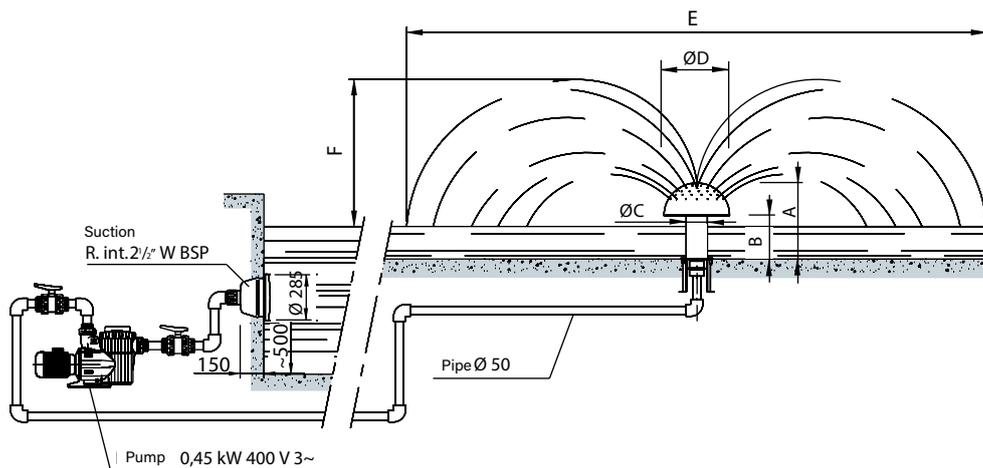
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	34381	1	9.6	0.124

WATER MUSHROOM Ø 670 MM



Made of AISI-316L. It has been designed for installing in prefab. and concrete pools. Column Ø 168 mm. Height 600 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Matt finish	34384	1	24.5	0.377



TECHNICAL FEATURES

Mushroom Ø	Size in cm					Feature code	Anchoring sockets		Suction		Pump	Control box		
	A	B	Ø C	E	F		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
													Concrete	Liner
250	385		104	5000	1500	34378								
400	460	270	129	6600	1700	34381	19983	15833	19987x1	20091x1	65558	19988	07669	07868
670	600		168	7000	1800	34384								

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER FEATURES ACCESSORIES

WALL SUCTION POINT for concrete pools



In AISI-316L Stainless Steel. Ø 285 mm. Suction point for water features. Connection 2½". Max. Recommended flow: 13 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Concrete swimming pool	19987	1	2.9	0.018



WALL SUCTION POINT



for prefabricated and liner pools

In AISI-316L Stainless Steel. Ø 285 mm. Suction point for water features. Connection 2½". Max. Recommended flow: 13 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Prefabricated and liner pool	20091	1	2.9	0.018



19983

ANCHORING FOR LINER POOLS



In AISI-316L Stainless Steel. Includes base for embedding, fixing plate, gaskets and earth connection. Connection 2½".

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Rectangular anchoring	19983	1	2.1	0.012
Ø 254 mm anchoring	19984	1	9.8	0.113
600 mm wide anchoring	19985	1	6.4	0.039
1000 mm wide anchoring	20135	1	10.8	0.076



15833

ANCHORING FOR LINER POOLS



In AISI-316L Stainless Steel. Includes base for embedding, fixing plate, 3 gaskets and earth connection. Connection 2½".

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Rectangular anchoring	15833	1	2.5	0.007
Ø 254 mm anchoring	19986	1	11.0	0.400



19986

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER FEATURES ACCESSORIES

BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 51 mm	19976	1	1.0	0.008



BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 63 mm	19977	1	1.0	0.008



BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 84 mm	19978	1	0.9	0.006



BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 129 mm	19979	1	0.9	0.005



BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 254 mm	19980	1	0.9	0.006

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER FEATURES ACCESSORIES

BASE COVER



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
600 mm curtain. Matt finish	19981	1	1.22	0.008



BASE COVER



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
600 mm curtain. Painted	19982	1	1.28	0.008



CONTROL BOX - MANUAL



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Manual - control box</b>				
0.45 kW (0.5 HP) 400 V III	19988	1	0.7	0.005
1.1 kW (1.5 HP) 400 V III	19989	1	0.7	0.005
2.2 kW (3.0 HP) 400 V III	19990	1	0.7	0.005
2.65 kW (3.5 HP) 400 V III	19991	1	0.7	0.005



CONTROL BOX PNEUMATIC SWITCH



Enables bathers to control water features from inside the pool. Includes control box, wall conduit, air pipe and pneumatic switch.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>For concrete pool</b>				
2.2 kW (3.0 HP) 400 V III	07537	1	3.1	0.02
0.45 kW (0.5 HP) 400 V III	07669	1	3.1	0.02
1.1 kW (1.5 HP) 400 V III	17154	1	3.1	0.02
<b>For prefabricated pools</b>				
2.2 kW (3.0 HP) 400 V III	07867	1	3.2	0.02
0.45 kW (0.5 HP) 400 V III	07868	1	3.2	0.02
1.1 kW (1.5 HP) 400 V III	17155	1	3.2	0.02

**ASTRALPOOL BIKE**



**ASTRALPOOL BIKE**



Aquabike made of square and rectangular polished AISI-316L stainless steel pipe. Ideal for gyms, wellness centres, spas, medical facilities, hotels and private pools.

- Made of AISI-316L stainless steel.
- Adjustable height of saddle and handlebar.
- For use in public and residential pools from 1 to 1.5 metres in depth.
- Ergonomic.
- Pedals made of PUR.
- Easy to move about.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
AstralPool Bike	67333	1	20	0.12



GRILLES FOR OVERFLOW

**GENERAL NOTE FOR ALL MODELS**

Made of PP stabilized against UV rays. The whole range comes in white. Ask your dealer about other colours.

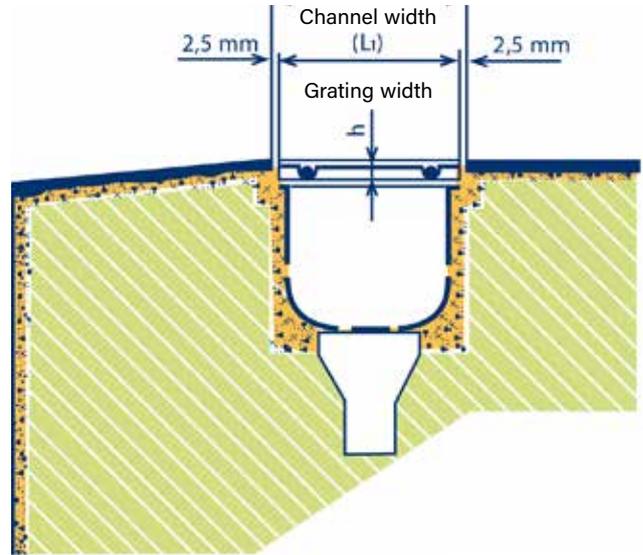
Made up of tiles in modules for straight and curved sections (outer radius of 1 or 2 m), they click into place (male-female fitting), which gives certain leeway in assembling them, as well as absorbing their potential expansion due to the temperature changes to which they are exposed.

For all models of grating, a channel 5 mm wider than the grating must be built so that it easily fits into place and any potential expansion is prevented.

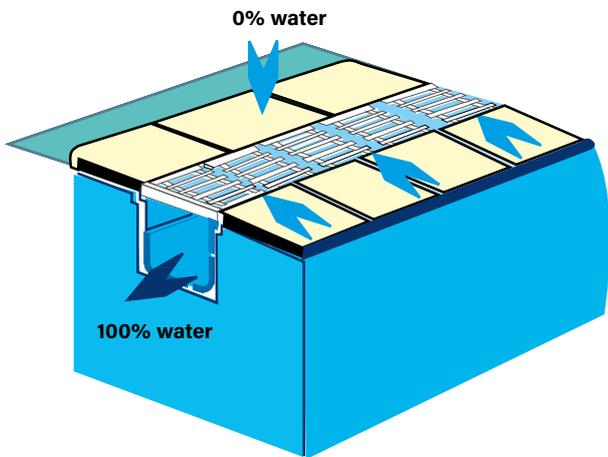
Channel width	Grating width
200.....	195
250.....	245
300.....	295
350.....	345

The height (h) of the grating varies depending on the model.

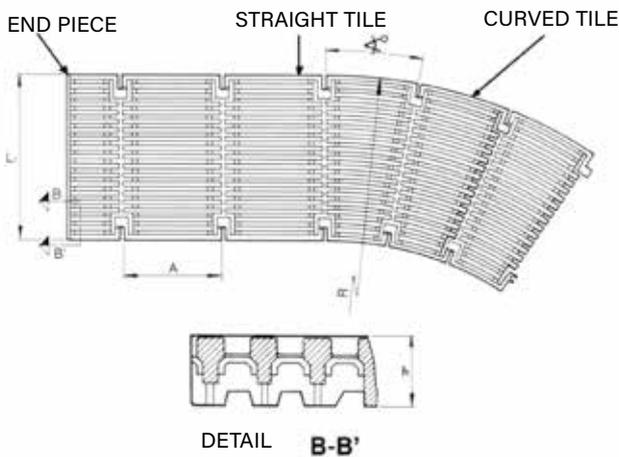
- Longitudinal model h = 24 mm
- Transversal model h = 22 mm and h = 35 mm



**LONGITUDINAL MODEL**



The longitudinal design of this model ensures that any excess water from the pool is not allowed to overflow onto the pool deck, thus maintaining it practically dry.



	Model	L	L1	h	A	↖ r.1m.	↖ r.2m.
STRAIGHT TILE	05581	200	195	24	206	-	-
	05582	250	245	24	206	-	-
	05583	300	295	24	206	-	-
	05584	350	345	24	206	-	-
END PIECE	06420	200	195	24	-	-	-
	06421	250	245	24	-	-	-
	06422	300	295	24	-	-	-
	06423	350	345	24	-	-	-
CURVED TILE	08001	200	195	24	-	x	
	08002	300	295	24	-	x	
	07565	250	245	24	-	x	
	07566	350	345	24	-	x	
	05585	200	195	24	-		x
	05586	250	245	24	-		x

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

GRILLES FOR OVERFLOW

## LONGITUDINAL GRATING TILE



Made of PP stabilized against UV rays. Grating fastened together using male-female hooks (5 units = 1,024 meters). The flexible properties of the grating means a radius of up to 5 m can be covered.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Height 24 mm, width 195 mm	05581	45	16.2	0.080
Height 24 mm, width 245 mm	05582	29	13.4	0.080
Height 24 mm, width 291 mm	05583	28	15.6	0.080
Height 24 mm, width 345 mm	05584	19	13.2	0.080

## CURVED GRATING TILE



Made of PP stabilized against UV rays. Grating fastened together using male-female hooks.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Height</b>				
<b>L</b>				
<b>L1</b>				
<b>Radius</b>				
24 mm	08001	60	17.2	0.079
24 mm	08002	32	14.6	0.079
24 mm	07565	42	17.2	0.079
24 mm	07566	24	13.4	0.079
24 mm	05585	48	17.2	0.079
24 mm	05586	30	14.2	0.079

## END PIECE KIT for parallel grating



Made of AISI-304L stainless steel plate, with end piece and longitudinal grating made of PP stabilized against UV rays. Made so that the grating in the end piece can be cut to fit in place.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Height 24 mm, width 195 mm	16064	15	5.11	0.002
Height 24 mm, width 245 mm	16065	12	5.17	0.002
Height 24 mm, width 291 mm	16066	8	4.21	0.002
Height 24 mm, width 345 mm	16067	8	5.00	0.002

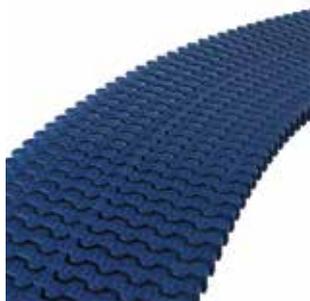
## PERIMETER GRATING



Range of overflow grating for swimming pools. Made of homopolymer polypropylene, with additives for UV protection. Available in 500 mm long modules with male-female hooks for easy and fast assembly.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
0.5 m longitudinal grating Height 22 mm Width 195 mm	28664	20	19.9	0.080



GRILLES FOR OVERFLOW

# MODULAR TRANSVERSAL GRATING



for curves

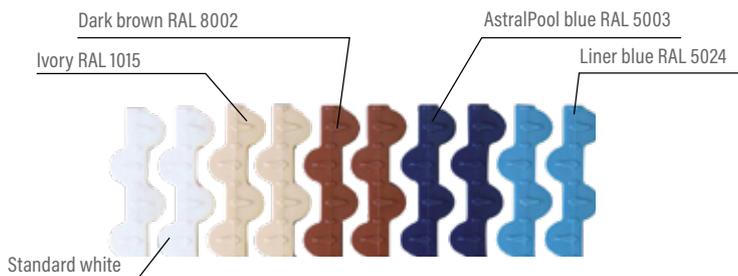
Made of PP stabilized against UV rays. Assembled by fitting the modules together. Available in 5 colours. Other grating colours can be made to order. For further information, please contact your AstralPool dealer.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Modular grating for curves</b>				
Height 22 mm, width 195 mm	34190	470	14.1	0.08
Height 22 mm, width 245 mm	34191	320	12.4	0.08
Height 22 mm, width 295 mm	34192	300	15.0	0.08
Height 22 mm, width 335 mm	34193	250	15.0	0.08
<b>Reversible modular grating for curves</b>				
Height 35 mm, width 195 mm	34194	450	16.0	0.08
Height 35 mm, width 245 mm	34195	300	13.7	0.08
Height 35 mm, width 295 mm	34196	290	17.3	0.08
Height 35 mm, width 335 mm	34197	250	17.4	0.08

Note: Colours in the pictures are not exactly the same as in real product.

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

TECHNICAL FEATURES	
Colour	Code
White	-
RAL 1015	CL90
RAL 8002	CL109
RAL 5003	CL60
RAL 5024	CL 108



# TRANSVERSAL GRATING FOR CURVES



Modular transversal grating for curves. Made of PP stabilized against UV rays. Assembled by fitting the modules together. Class 3 slip resistance (Rd>45) pursuant to UNE-ENV 12633: 2003.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Modular grating for curves</b>				
Height 22 mm, width 195 mm	52535	470	14.1	0.08
Height 22 mm, width 245 mm	52536	320	12.4	0.08
Height 22 mm, width 295 mm	52537	300	15.0	0.08
Height 22 mm, width 335 mm	52538	250	15.0	0.08
<b>Reversible modular grating for curves</b>				
Height 35 mm, width 195 mm	52539	450	16.0	0.08
Height 35 mm, width 245 mm	52540	300	13.7	0.08
Height 35 mm, width 295 mm	52541	290	17.3	0.08
Height 35 mm, width 335 mm	52542	250	17.4	0.08

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

GRILLES FOR OVERFLOW

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

## MODULAR TRANSVERSAL GRATING



for curves

Made of PP stabilized against UV rays. Assembled by fitting the modules together.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Modular grating for curves</b>				
Height 22 mm, width 195 mm	11107	470	15.8	0.080
Height 22 mm, width 245 mm	11108	320	13.6	0.080
Height 22 mm, width 295 mm	19202	300	18.0	0.080
Height 22 mm, width 335 mm	19203	250	17.0	0.080
<b>Reversible modular grating for curves</b>				
Height 35 mm, width 195 mm	00220	450	16.5	0.080
Height 35 mm, width 245 mm	00221	300	14.3	0.080
Height 35 mm, width 295 mm	00222	290	19.3	0.080
Height 35 mm, width 335 mm	00223	250	18.1	0.080

## MODULAR GRATING FOR CURVES



Made of PP stabilized against UV rays. Assembled by fitting the modules together. Non-slip surface. Other colours available on request. For further information, please contact your AstralPool dealer. Compliant with standard EN-13451-1 (8 mm). Class 3 slip resistance (Rd>45) pursuant to UNE-ENV 12633: 2003.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Modular grating for curves</b>				
Height 22 mm, width 195 mm	28656	470	20.84	0.082
Height 22 mm, width 245 mm	28657	320	18.80	0.082
Height 22 mm, width 295 mm	28658*	300	18.80	0.082
Height 22 mm, width 335 mm	28659*	250	20.84	0.082
<b>Reversible modular grating for curves</b>				
Height 35 mm, width 195 mm	28660	450	26.90	0.082
Height 35 mm, width 245 mm	28661	300	24.70	0.082
Height 35 mm, width 295 mm	28662*	290	26.61	0.082
Height 35 mm, width 335 mm	28663*	250	22.25	0.082

\* In testing process.

## TRANSVERSAL GRATING



Made of PP stabilized against UV rays. Fastened together by a pass-through cable (49 units per metre).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Height 22 mm, width 195 mm	00212	340	11.9	0.039
Height 22 mm, width 245 mm	00213	305	13.2	0.039



GRILLES FOR OVERFLOW

**STAINLESS STEEL** plastic coated cable



Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Stainless steel plastic coated cable	00214	1000 m	21.0	0.036



**AISI-316L STAINLESS STEEL**

plastic coated cable



Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
AISI-316L stainless steel plastic coated cable	00215	1000 m	21.0	0.036



**CABLE LOCKING PINS**



Made of brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Cable locking pins	00216	100	1.5	0.001



**TRANSVERSAL GRATING TILE**



Made of PP stabilized against UV rays. Tiles fitted together using a snap fastening system (5 units = 0.975 m).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Height 22 mm, width 245 mm	00217	52	22.8	0.080
Height 22 mm, width 295 mm	00218	45	23.1	0.080
Height 22 mm, width 335 mm	00219	38	22.0	0.080

Other grating colours can be made to order. For further information, ask your AstralPool dealer.



**GRATING SUPPORT PROFILE**



Suitable for grating heights of 22, 24 and 35 mm. Made of weather resistant plastic. Supplied in 2 m strips.

Inside measurements: 24 mm x 37 mm.

Available in other colours. For further information, ask your dealer.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Grating support profile	00224	25	13.2	0.033

GRILLES FOR OVERFLOW

## 90° CORNER TILES for overflow channels



Other grating colours can be made to order. For further information, ask your AstralPool dealer.

Made of white, injection moulded copolymer polypropylene.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Height 22 mm, channel width 195 mm	22379	4	2.8	0.006
Height 22 mm, channel width 245 mm	22380	4	3.6	0.009
Height 22 mm, channel width 295 mm	22381	4	4.8	0.012
Height 22 mm, channel width 335 mm	22382	4	5.7	0.016
Height 35 mm, channel width 195 mm	22383	4	3.2	0.009
Height 35 mm, channel width 245 mm	22384	4	4.1	0.014
Height 35 mm, channel width 295 mm	22385	4	5.3	0.012
Height 35 mm, channel width 335 mm	22386	4	6.2	0.023



## STAINLESS STEEL longitudinal grating



Longitudinal grating made of stainless steel. A channel 5 mm wider than the grating must be dug so that it is easy to fit.

It is made up of straight sections of AISI-316L stainless steel, 500 mm in length. Straight sections can be made to measure in order to fit the length of any pool.

There are 4 different models depending on the grating used. Height 35 mm.



Complies with Standard EN 13451-3



Complies with Standards EN 16582-1 EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>In stainless steel</b>				
195 mm longitudinal grating	32415	-	-	-
245 mm longitudinal grating	32416	-	-	-
295 mm longitudinal grating	32417	-	-	-
345 mm longitudinal grating	32418	-	-	-



## STAINLESS STEEL reinforced grating



AISI-316L stainless steel grating, compliant with standard EN: 1345-1:2000. Resistant to salt water. Intended for use in both residential and public pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Reinforced 252 x 252 mm grating	70956	1	-	-
Reinforced 410 x 410 mm grating	70957	1	-	-



Complies with Standard EN 1345-1:2000



## POOLS

# POOL SHELL EQUIPMENT

### 82 CONCRETE POOL

- 82 Main drains
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### 89 LINER AND PREFABRICATED POOL

- 89 Main drains
- 92 Main drain accessories
- 92 Main drain grilles
- 93 ABS Inlets
- 95 Stainless Steel Inlets

CONCRETE POOL

MAIN DRAINS

- All main drains in the range are supplied with UV protection.
- To prevent the risk of suction, install the main drains according to local regulations.
- Recommended use: Maximum suction rate of 0.5 m/s.
- Install at least 2 main drains, each with a suction capacity able to handle the pool's full flow rate.

NORM MAIN DRAIN



Range of main drains suitable for public and private swimming pools. Supplied with flat or antivortex grilles. Manufactured in ABS with UV treatment, fitted with a 2" side outlet and a 1½" bottom outlet connection, bottom outlet covered by semi-die cut tab.

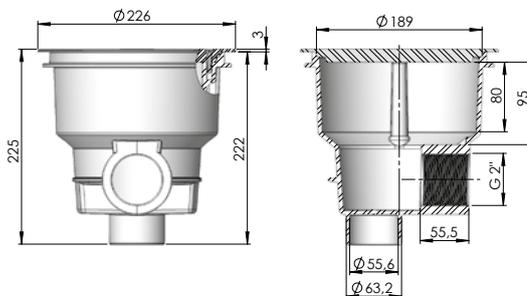


56379  
Also available in other colours



Complies with Standards  
EN 16582-1  
EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Flat grating</b>				
White	56378	4	10.60	0.069
Beige	56378CL090	4	10.60	0.069
Light Grey	56378CL129	4	10.60	0.069
Anthracite Grey	56378CL144	4	10.60	0.069
<b>Antivortex grating</b>				
White	56379	4	10.60	0.069
Beige	56379CL090	4	10.60	0.069
Light Grey	56379CL129	4	10.60	0.069
Anthracite Grey	56379CL144	4	10.60	0.069



MAIN DRAIN WITH SQUARE COVER



in stainless steel. 2" outlet

2" side outlet. Manufactured in stainless steel. AISI-316. Antivortex lid. Can be used in concrete and prefabricated pools with a 00276 adapter. Maximum flow rate: 6 m<sup>3</sup>/h.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	00269	1	1.14	0.01

CONCRETE POOL

**MAIN DRAINS**



## NORM MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm



Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel AISI-316L. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 27 m<sup>3</sup>/h (0.5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Outlet connection to be glued</b>					
Ø 75 mm	15 m <sup>3</sup> /h	20282N	1	8	0.08
Ø 90 mm	23 m <sup>3</sup> /h	20283N	1	9	0.08
Ø 110 mm	27 m <sup>3</sup> /h	20284N	1	10	0.08

## MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm



With a gelcoat finish. With optional hydrostatic valve. Maximum recommended flow rate with stainless steel grille: 27 m<sup>3</sup>/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 37 m<sup>3</sup>/h (0,5 m/s).



		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Grille in stainless steel AISI-316L. Holes &lt; 8 mm</b>					
<b>Outlet connection to be glued</b>					
Ø 75 mm	15 m <sup>3</sup> /h	20282	1	5	0.047
Ø 90 mm	23 m <sup>3</sup> /h	20283	1	5	0.047
Ø 110 mm	27 m <sup>3</sup> /h	20284	1	5	0.047



**Grille in ABS plastic with protection against UV rays.**

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Outlet connection to be glued</b>					
Ø 75 mm	15 m <sup>3</sup> /h	22359	1	4.5	0.034
Ø 90 mm	23 m <sup>3</sup> /h	22360	1	4.5	0.034
Ø 110 mm	28 m <sup>3</sup> /h	22361	1	4.5	0.034
Ø 125 mm	37 m <sup>3</sup> /h	22362	1	4.5	0.034

Optional standard American size and antivortex in standard American size

## NORM MAIN DRAIN

in polyester and fibreglass - 507 mm x 507 mm



Range of drains manufactured in polyester resin and fibreglass. Grille in AISI-316L stainless steel. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 86 m<sup>3</sup>/h (0.5 m/s).



		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Outlet connection to be glued</b>					
Ø 110 mm	35 m <sup>3</sup> /h	20285N	1	16	0.23
Ø 125 mm	47 m <sup>3</sup> /h	20286N	1	17	0.23
Ø 140 mm	55 m <sup>3</sup> /h	20287N	1	18	0.23
Ø 160 mm	79,5 m <sup>3</sup> /h	20288N	1	19	0.23
Ø 200 mm	85 m <sup>3</sup> /h	20289N	1	20	0.23

Optional standard American size

CONCRETE POOL

**MAIN DRAINS**

**MAIN DRAIN**

in polyester and fibreglass - 507 mm x 507 mm



With a gelcoat finish. With optional hydrostatic valve. Maximum recommended flow rate with stainless steel grille: 114 m<sup>3</sup>/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 86 m<sup>3</sup>/h (0,5 m/s).



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**Grille in AISI-316L stainless steel.  
Holes < 8 mm**

**Outlet connection to be glued      Flow rate**

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 110 mm	35 m <sup>3</sup> /h	20285	1	11.5	0.132
Ø 125 mm	47 m <sup>3</sup> /h	20286	1	11.5	0.132
Ø 140 mm	55 m <sup>3</sup> /h	20287	1	11.5	0.132
Ø 160 mm	79,5 m <sup>3</sup> /h	20288	1	11.5	0.132
Ø 200 mm	85 m <sup>3</sup> /h	20289	1	11.5	0.132

**Grille in ABS plastic with protection against UV rays.**

**Outlet connection to be glued      Flow rate**

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Ø 110 mm	35 m <sup>3</sup> /h	28709	1	11.5	0.132
Ø 125 mm	47 m <sup>3</sup> /h	28710	1	11.5	0.132
Ø 140 mm	55 m <sup>3</sup> /h	28711	1	11.5	0.132
Ø 160 mm	79,5 m <sup>3</sup> /h	28712	1	11.5	0.132
Ø 200 mm	85 m <sup>3</sup> /h	28713	1	11.5	0.132

CONCRETE POOL

**MAIN DRAIN ACCESSORIES**

**HYDROSTATIC VALVE**



To alleviate the pressure that can build up under the pool shell due to groundwater, it is recommended that a hydrostatic valve and a drainage pipe be fitted to the main drain. Hydrostatic valve to be fitted to the 2" bottom outlet on main drains. Made of white ABS, with stainless steel screw and spring. 1½" male thread.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00277	50	2.63	0.01

**DRAINAGE PIPE**



Drainage pipe with 1½" BSP thread connection for main drains with code numbers 01466, 27837 and 27839. Made of ABS.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
21581	24	3.54	0.021

CONCRETE POOL  
**MAIN DRAIN GRILLES**



## FLUSH-FIT ANTIVORTEX COVER

Special flush-fit design that enables pool cleaners to go over it without blocking it up. Smooth slopes.

The 415 mm x 415 mm cover (25344) can be fitted to the following main drains:

**With stainless steel grille:**

- 20282
- 20283
- 20284

**With plastic grille:**

- 22359
- 22360
- 22361
- 22362

The 570 mm x 570 mm cover (28556) can be fitted to the following main drains:

**With stainless steel grille:**

- 20285
- 20286
- 20287
- 20288

**With plastic grille:**

- 28709
- 28710
- 28711
- 28712

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
415 mm x 415 mm, Height: 70 mm	25344	1	2.25	0.012
570 mm x 570 mm, Height: 60 mm	28556	1	4.00	0.032



POOL SHELL EQUIPMENT

## DRAIN GRILLE in stainless steel



Designed for concrete pools. Support frame and grille in polished stainless steel. Supplied with fixing screws. Other sizes can be made to order.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>AISI-304</b>				
<b>Size (mm)</b>	<b>Max. recommended flow rate</b>			
200 x 200	00284	1	1.2	0.01
300 x 300	00285	1	2.2	0.01
400 x 400	00286	1	4.0	0.03
500 x 500	00287	1	4.5	0.04

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>AISI-316</b>				
<b>Size (mm)</b>	<b>Max. recommended flow rate</b>			
200 x 200	30764	1	1.2	0.01
300 x 300	30765	1	2.2	0.01
400 x 400	30766	1	4.0	0.03
500 x 500	30767	1	4.5	0.04

CONCRETE POOL

ABS INLETS

RETURN INLET/SUCTION NOZZLE

for high flow rates



Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m<sup>3</sup>/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m<sup>3</sup>/h for a maximum flow rate speed of 0.5 m/s. PVC body. Connection for Ø 75 or Ø 90mm pipe. Inlets can be installed into bushing 43590. Grille can be adjusted in any direction.



Complies with Standards  
EN 16582-1  
EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Return inlet/suction nozzle for large flows and concrete pools	41520	16	4.20	0.021

NORM RETURN INLETS

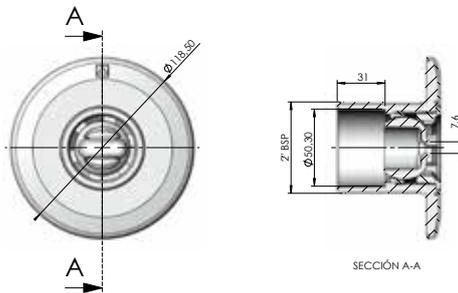


Range of inlets suitable for installation in public and private pools. Manufactured in white ABS with UV treatment.



Complies with Standards  
EN 16582-1  
EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
NORM return inlet for concrete pools	56498	24	4.5	0.020



POOL FLOOR RETURN INLET



All-in-one return inlet and suction nozzle. Adjustable flow rate. Made of ABS plastic and screws in stainless steel. Maximum recommended flow rate compliant with standard EN 13451-1: 12 m<sup>3</sup>/h.



Complies with Standards  
EN 16582-1  
EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Outer 2" thread, int. Ø 50 mm</b>				
White	00303	24	5.0	0.020
Beige	00303CL090	24	5.0	0.020
Light Grey	00303CL129	24	5.0	0.020
Anthracite Grey	00303CL144	24	5.0	0.020
To glue onto Ø 63 mm PN 6, inner Ø 50 mm	20140	20	4.4	0.021

CONCRETE POOL

ABS INLETS

### 3" ADJUSTABLE POOL FLOOR

return inlet



Made of white ABS plastic. Suction. Flow rate adjusted by turning the grille. Suction surface area: 0.015 m<sup>2</sup>. Outer Ø 295 mm wall. Flow rate (0.4 m/s) 20 m<sup>3</sup>/h. Max. recommended flow rate compliant with standard EN 13451-1: 26 m<sup>3</sup>/h (0.5 m/s).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Grille in AISI-304 stainless steel	08317	2	2.65	0.047
Grille in white ABS	11796	2	2.65	0.047

### POOL FLOOR RETURN INLET

with swivel joint



Swivel body in PVC. Cover in ABS. Adjuster screw in POM. Maximum flow rate of 10 m<sup>3</sup>/h. Fits to Ø 75 mm piping and wall conduit with code number 21248.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White	22353	24	4.1	0.022
Beige	22353CL090	24	4.1	0.022
Light Grey	22353CL129	24	4.1	0.022
Anthracite Grey	22353CL144	24	4.1	0.022



Complies with Standards  
EN 16582-1  
EN 16713-2

### SUCTION INLET



To be glued to a Ø 63 mm pipe. Body and grille in ABS plastic, screws in stainless steel. Application on wall. Its characteristics make this nozzle particularly suitable for overflow channels. Maximum flow rate: 4.5 m<sup>3</sup>/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	00302	12	3.1	0.016

CONCRETE POOL

STAINLESS STEEL INLETS

ADJUSTABLE POOL FLOOR return inlet



2" external thread. Made of AISI-316L stainless steel. Can be fitted in concrete and prefabricated pools. The water flow can be adjusted by loosening or tightening the central screw. Max. recommended flow rate complaint with standard EN 13451-3: 14 m<sup>3</sup>/h.



Complies with Standards  
EN 16582-1  
EN 16713-2

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
15839	1	0.9	0.002

ADJUSTABLE RETURN INLET



Manufactured in chrome-plated brass. Grille in AISI-316L stainless steel.



Complies with Standards  
EN 16582-1  
EN 16713-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Max. flow rate: 21 m <sup>3</sup> /h 2" inner thread	00312	12	7.0	0.013
Max. flow rate: 40 m <sup>3</sup> /h 3" inner thread	00313	6	10.0	0.014

LINER AND PREFABRICATED POOL

**MAIN DRAINS**

- + All main drains in the range are supplied with UV protection.
- + To prevent the risk of suction, install the main drains according to local regulations.
- + Recommended use: Maximum suction rate of 0.5 m/s.
- + Install at least 2 main drains, each with a suction capacity able to handle the pool's full flow rate.

**NORM MAIN DRAIN**



Range of main drains suitable for installation in public and private pools. Supplied with flat or antivortex grilles. Manufactured in ABS with UV treatment, fitted with a 2" side outlet and a 1½" bottom outlet connection, bottom outlet covered by semi-die cut tab.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Flat grating with inserts</b>				
White	56380	4	10.60	0.069
Beige	56380CL090	4	10.60	0.069
Light Grey	56380CL129	4	10.60	0.069
Anthracite Grey	56380CL144	4	10.60	0.069
<b>Flat grating without inserts</b>				
White	56381	4	10.60	0.069
Beige	56381CL090	4	10.60	0.069
Light Grey	56381CL129	4	10.60	0.069
Anthracite Grey	56381CL144	4	10.60	0.069
<b>Antivortex grating with inserts</b>				
White	56382	4	10.60	0.069
Beige	56382CL090	4	10.60	0.069
Light Grey	56382CL129	4	10.60	0.069
Anthracite Grey	56382CL144	4	10.60	0.069
<b>Antivortex grating without inserts</b>				
White	56383	4	10.60	0.069
Beige	56383CL090	4	10.60	0.069
Light Grey	56383CL129	4	10.60	0.069
Anthracite Grey	56383CL144	4	10.60	0.069

**MAIN DRAINS**

**NORM MAIN DRAIN IN POLYESTER**

and fibreglass - 350 mm x 350 mm



Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 27 m<sup>3</sup>/h (0.5 m/s).



Complies with Standards  
EN 16582-1

Optional standard American size and antivortex in standard American size

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**Grille in stainless steel**

**Outlet connection to be glued      Flow rate**

Ø 75 mm	15 m <sup>3</sup> /h	20074N	1	8	0.08
Ø 90 mm	23 m <sup>3</sup> /h	20075N	1	9	0.08
Ø 110 mm	27 m <sup>3</sup> /h	20290N	1	10	0.08

**NORM MAIN DRAIN IN POLYESTER**

and fibreglass - 507 mm x 507 mm



Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel or plastic. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 86 m<sup>3</sup>/h (0.5 m/s).



Optional standard American size and antivortex in standard American size

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**Grille in stainless steel**

**Outlet connection to be glued      Flow rate**

Ø 110 mm	35 m <sup>3</sup> /h	20076N	1	16	0.23
Ø 125 mm	47 m <sup>3</sup> /h	20077N	1	17	0.23
Ø 140 mm	55 m <sup>3</sup> /h	20078N	1	18	0.23
Ø 160 mm	79.5 m <sup>3</sup> /h	20079N	1	19	0.23
Ø 200 mm	85 m <sup>3</sup> /h	20291N	1	20	0.23

LINER AND PREFABRICATED POOL

MAIN DRAINS

MAIN DRAIN IN POLYESTER

and fibreglass - 350 mm x 350 mm



Made of fibreglass-reinforced polyester. With a gelcoat finish. Comes with gaskets, flange and screws. Holes < 8 mm. Outlet connection to be glued. With optional hydrostatic valve. Maximum recommended flow rate with stainless steel grille: 27 m<sup>3</sup>/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 37 m<sup>3</sup>/h (0,5 m/s).



Complies with Standards EN 16582-1

Optional:  
Standard American sizes

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**Grille in stainless steel**

**Outlet connection to be glued    Flow rate**

Ø 75 mm	15 m <sup>3</sup> /h	20074	1	6.5	0.047
Ø 90 mm	23 m <sup>3</sup> /h	20075	1	6.5	0.047
Ø 110 mm	27 m <sup>3</sup> /h	20290	1	6.5	0.047

**Grille in ABS plastic with protection against UV rays**

**Outlet connection to be glued    Flow rate**

Ø 75 mm	15 m <sup>3</sup> /h	22416	1	6.5	0.047
Ø 90 mm	23 m <sup>3</sup> /h	22417	1	6.5	0.047
Ø 110 mm	28 m <sup>3</sup> /h	22418	1	6.5	0.047
Ø 125 mm	37 m <sup>3</sup> /h	22419	1	6.5	0.047

MAIN DRAIN IN POLYESTER

and fibreglass - 507 mm x 507 mm



With a gelcoat finish. Grille in AISI-316L stainless steel. Comes with gaskets, flanges and screws. Holes < 8 mm. Outlet connection to be glued. Maximum recommended flow rate with stainless steel grille: 114 m<sup>3</sup>/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 86 m<sup>3</sup>/h (0,5 m/s). With optional hydrostatic valve.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**Grille in stainless steel**

**Outlet connection to be glued    Flow rate**

Ø 110 mm	35 m <sup>3</sup> /h	20076	1	1.4	0.132
Ø 125 mm	47 m <sup>3</sup> /h	20077	1	1.4	0.132
Ø 140 mm	55 m <sup>3</sup> /h	20078	1	1.4	0.132
Ø 160 mm	79.5 m <sup>3</sup> /h	20079	1	1.4	0.132
Ø 200 mm	85 m <sup>3</sup> /h	20291	1	1.4	0.132

**Grille in ABS plastic with protection against UV rays**

**Outlet connection to be glued    Flow rate**

Ø 110 mm	35 m <sup>3</sup> /h	28722	1	1.4	0.132
Ø 125 mm	47 m <sup>3</sup> /h	28723	1	1.4	0.132
Ø 140 mm	55 m <sup>3</sup> /h	28724	1	1.4	0.132
Ø 160 mm	79.5 m <sup>3</sup> /h	28725	1	1.4	0.132
Ø 200 mm	85 m <sup>3</sup> /h	28726	1	1.4	0.132

## HYDROSTATIC VALVE



To alleviate the pressure that can build up under the pool shell due to groundwater, it is recommended that a hydrostatic valve and a drainage pipe be fitted to the main drain. Hydrostatic valve to be fitted to the 2" bottom outlet on main drains. Made of white ABS, with stainless steel screw and spring. 1½" male thread.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00277	50	2.63	0.01

## DRAINAGE PIPE



Drainage pipe with 1½" BSP thread connection for main drains with code numbers 00270, 07880, 27838, 26197 and 27125. Made of ABS.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
21581	24	3.54	0.021



Complies with Standards  
EN 16582-1

## FLUSH-FIT ANTIVORTEX COVER



Special flush-fit design that enables pool cleaners to go over it without blocking it up.

The 415 mm x 415 mm cover (25344) can be fitted to the following main drains:



**With stainless steel grille:**      **With plastic grille:**

- |        |        |
|--------|--------|
| -20074 | -22416 |
| -20075 | -22417 |
| -20290 | -22418 |
|        | -22419 |

The 570 mm x 570 mm cover (28556) can be fitted to the following main drains:



**With stainless steel grille:**      **With plastic grille:**

- |        |        |
|--------|--------|
| -20076 | -28722 |
| -20077 | -28723 |
| -20078 | -28724 |
| -20079 | -28725 |



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
415 mm x 415 mm, Height: 70 mm	25344	1	2.25	0.012
570 mm x 570 mm, Height: 60 mm	28556	1	3.90	0.015

LINER AND PREFABRICATED POOL

ABS INLETS

NORM RETURN INLETS



Range of inlets suitable for installation in public and private pools. Manufactured in ABS with UV treatment.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>For prefabricated/liner pools</b>				
White	56499	12	4.5	0.020
Beige	56499CL090	12	4.5	0.020
Light Grey	56499CL129	12	4.5	0.020
Anthracite Grey	56499CL144	12	4.5	0.020
<b>For prefabricated pools</b>				
White	56500	24	4.5	0.020
Beige	56500CL090	24	4.5	0.020
Light Grey	56500CL129	24	4.5	0.020
Anthracite Grey	56500CL144	24	4.5	0.020

POOL FLOOR RETURN INLET

for prefabricated pools



Return nozzle. Comes with gaskets, flanges and screws. Adjustable flow rate. Max. flow rate: 12 m<sup>3</sup>/h.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>2" outer thread and internal Ø 50 mm</b>				
White	00340	12	5.4	0.020
Beige	00340CL090	12	5.4	0.020
Light Grey	00340CL129	12	5.4	0.020
Anthracite Grey	00340CL144	12	5.4	0.020
<b>To be glued Ø 63 mm PN 6 outer wall, Ø 50 mm inner</b>				
White	20139	12	5.4	0.021

BCN03 POOL FLOOR RETURN INLET



Adjustable pool floor return inlet for liner pools. Designed to be glued to the inside of PN6 and PN10 piping. Made of white ABS, with self-tapping screws or with metal inserts. Plastic or stainless steel flange, depending on the model. Maximum flow rate: 9.5 m<sup>3</sup>/h.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PN6 self-tapping plastic flange	28230	12	3.25	0.031
With PN6 plastic flange inserts	28231	12	3.55	0.031
PN10 self-tapping stainless steel flange	28501	12	4.24	0.031
With PN10 stainless steel inserts	28502	12	4.54	0.031



Complies with Standards  
EN 16582-1  
EN 16713-2



## BCN03 ADJUSTABLE POOL FLOOR

return inlet



Pool floor return inlet for liner pools. Thanks to the adjustable feature, its installation in the pool floor is made extremely easy as it can be fitted after the concrete has been laid with wall conduit 43590.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
With plastic flange inserts	43586	12	2.04	0.033
Plastic self-tapping flange	43587	12	2.04	0.033
With stainless steel flange inserts	43588	12	2.04	0.033
Self-tapping stainless steel flange	43589	12	2.04	0.033



## 3" ADJUSTABLE POOL FLOOR return inlet



Made of white ABS. Suction. Comes with gaskets, flanges and screws. Flow rate adjusted by turning the grille. Suction surface area: 0.015 m<sup>2</sup>. Flow rate at 0.4 m/s: 20 m<sup>3</sup>/h. Max. recommended flow rate: 26 m<sup>3</sup>/h. (0.5 m/s).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Grille in AISI-304 stainless steel	08316	2	2.65	0.047
Grille in white ABS	11795	2	2.65	0.047



## DOUBLE GASKET KIT



Kit made up of a double gasket and the screws necessary for the installation of nozzles in panel pools. Made of TPE, the kit enables the installation of various accessories in pool shells and protects the panelling from coming into contact with water. Easy to install. Prevents corrosion of the panelling in the area that has been die cut.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Inserts for nozzles	43455-0500	80	-	0.035



## RETURN INLET/SUCTION NOZZLE

for high flow rates



Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m<sup>3</sup>/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m<sup>3</sup>/h for a maximum flow rate speed of 0.5 m/s. PVC body. Connection for Ø 75 or Ø 90 mm pipe. Inlets can be installed into bushing 43590. Grille can be adjusted in any direction.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Panel pools	41518	10	5.50	0.021
Prefabricated pools	41521	12	4.20	0.021

LINER AND PREFABRICATED POOL

ABS INLETS



## SUCTION NOZZLE FOR OVERFLOW

pools with liner



PVC body. Maximum flow rate of 7 m<sup>3</sup>/h for a maximum flow rate velocity of 0.5 m/s. Connection for Ø 75 or Ø 90 piping. Nozzle with double gasket. Thanks to the design of the flange, the nozzle is able to take in all of the water in the overflow channel.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
41519	12	4.83	0.021

POOL SHELL EQUIPMENT

LINER AND PREFABRICATED POOL

STAINLESS STEEL INLETS



## ADJUSTABLE POOL FLOOR

return inlet



2" external thread. Made of AISI-316L stainless steel. Can be fitted in concrete and prefabricated pools. The water flow can be adjusted by loosening or tightening the central screw. Max. recommended flow rate complaint with standard EN 13451-3: 14 m<sup>3</sup>/h.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
15839	1	0.9	0.002



Complies with Standards  
EN 16582-1  
EN 16713-2



## POOLS

# BUILDING SOLUTIONS

### 98 EPS & INOX POOL

98 Modular prefabricated pools

101 Inoxpool

### 104 SKYPOOL COMMERCIAL POOLS

104 SkyPool

### 115 BLUESPRING

115 Bluespring

### 117 CLASSIC CUSTOM AND PROFESSIONAL

117 Classic custom and Professional

# MODULAR PREFABRICATED POOLS

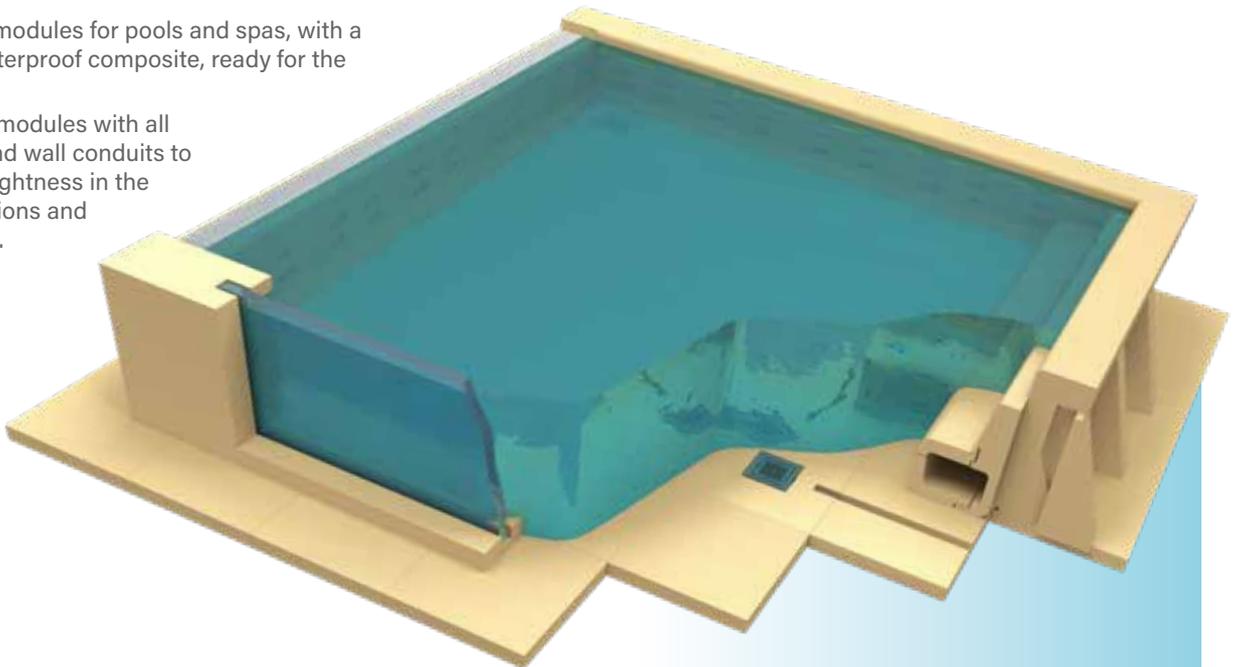


BUILDING SOLUTIONS



Freestanding modules for pools and spas, with a reinforced, waterproof composite, ready for the final coating.

Prefabricated modules with all accessories and wall conduits to ensure watertightness in the event of vibrations and water hammer.



The thermal expansion coefficient of our prefabricated modules is far superior to that of concrete, as a result of which they do not crack over time because structural movement due to expansion and contraction are absorbed. Ideal for refurbishments, roof tops, basements, etc. Their modular design makes them extremely easy to transport and work freely on the building site.

Exclusive designs without any restrictions, thanks to our computer-controlled systems that enable our clients to come up with their own designs without the need for casts, thus avoiding manual errors.

The prefabricated component parts make it possible to build and refurbish pools to the designers exact specifications, as well as enabling a pool to have exactly the same finish as a traditional one.

-  Installation on complex sites
-  Modular and freestanding
-  Energy savings
-  Resistant to water load  
Lightweight framework
-  Prefabricated system

EPS & INOX POOL

MODULAR PREFABRICATED POOLS



BUILDING SOLUTIONS

The top finish can be directly applied to the insulation material, which protects it from potential condensation between gaps that give rise to the proliferation of micro-organisms organisms that are a health hazard for humans. Hardly any power loss ( $\lambda = 0.033 \text{ W/mK}$ ) in comparison with concrete ( $\lambda = 2.30 \text{ W/mK}$ ), which means it pays for itself in a very short space of time.



To ask for a quote, contact your area sales rep.

**COMPARATIVE POWER CONSUMPTION TABLE**

**86% savings**

CONCRETE 2.3 W/mK  
0.033 W/mK

Energy conductivity figures as shown in the Spanish Technical Building Code (CTE).

**LIGHTWEIGHT FRAMEWORK**

**2320kg lighter per m<sup>3</sup>**

CONCRETE 2,400 kg/m<sup>3</sup>  
80 kg/m<sup>3</sup>

**COMPARATIVE WATER VOLUME TABLE**

**920kg lighter per m<sup>3</sup>**

WATER 1,000 kg/m<sup>3</sup>  
80 kg/m<sup>3</sup>

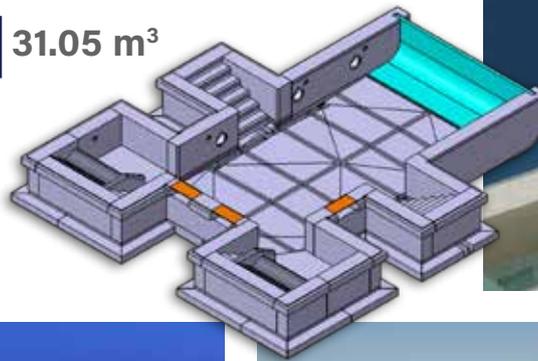
Volume of compact bench 0.27 m<sup>3</sup>

# MODULAR PREFABRICATED POOLS - One-off projects



## IBEROSTAR BAHIA PALMA POOL

74,520 kg concrete | **31.05 m<sup>3</sup>**  
2,484 kg prefabricated modules



## CALDEA KIDS POOL

85,104 kg concrete | **35.46 m<sup>3</sup>**  
2,837 kg prefabricated modules



## EPS &amp; INOX POOL

## INOXPOOL



- + Constructed in one piece of AISI-316L satin stainless steel. Thickness of 2 mm. With overflow channel. Non-slip floor. Hydraulic pre-installation included. Ready to connect. Easy installation, without building work.
- + Total security and quality. In order to satisfy all your needs we have designed these models of stainless steel pools for those looking for an elegant and sober lifestyle. The quality of their materials and finishes set them apart. They are a gift for the senses!
- + 2 Different models:

COMFORT



SPORT



# INOXPOOL - Models



## MODEL COMPARISON

	5 x 3 x 1.2 m	7 x 3 x 1.2 m		9 x 3 x 1.2 m		12 x 3 x 1.2 m	
MODELS	Sport	Comfort	Sport	Comfort	Sport	Comfort	Sport
Code	71503	71509	71510	71516	71517	71523	71524

### General specifications

Internal dimensions (m)	5 x 2.85 x 1.2	7 x 2.85 x 1.2		8.84 x 2.85 x 1.2		11.84 x 2.85 x 1.2	
External dimensions (m)	5.7 x 3.6 x 1.3	7.7 x 3.6 x 1.3		9.6 x 3.6 x 1.3		12.6 x 3.6 x 1.3	
Water capacity (m <sup>3</sup> )	18	24		31		41	
Empty weight / Full weight (kg)	2300 / 20300	3300 / 27300	2550 / 26550	3700 / 34700	3050 / 34050	4500 / 45500	3850 / 44850

### Characteristics

Skimmers	-	-	-	-	-	-	-
Overflow suction	2	2	2	3	3	4	4
Return inlet	3	4	3	5	4	6	5
Bottom cleaner nozzle	1	1	1	1	1	2	2
Main drains	2	2	2	2	2	2	2
Projectors	2	2	2	2	2	3	3

### Accessories

Ladder (3 steps)	-	-	-	-	-	-	-
Steps	-	-	-	-	-	-	-
Hydromassage bench	-	-	-	-	-	-	-
Hydromassage cascade	-	-	-	-	-	-	-
Hydromassage water jet	-	-	-	-	-	-	-
Hydromassage beds	-	-	-	-	-	-	-
Countercurrent	-	-	-	-	-	-	-
Cover	-	-	-	-	-	-	-

### Recommended equipment

Hydraulic button and timer	-	45218 + 35761	-	45218 + 35761	-	45218 + 35761	-
Blower pump for hydro beds	-	31091	-	31091	-	31091	-
Blower pump for hydro bank	-	35388	-	35388	-	35388	-

EPS & INOX POOL

INOXPOOL - Installation



PREPARATION OF THE GROUND



The base the spa or pool must be prepared.

TRANSFER TO LOCATION



Manufactured in one piece, your transfer must be made by an authorized mode of transport.



The transfer must be made in a reinforced trailer or truck so that it arrives at its destination in perfect condition.

TRANSFER BY CRANE



Facilities must have easy access (outside) to be able to install the crane that will help to unload the Spa or Pool and put it in place.

UNLOADING THE POOL



The installation must be checked and secured so that everything is in perfect order.

LEVELING AND ADJUSTMENTS



Assembling the connections and putting it into operation is the last step before you can enjoy a relaxing and dreamed of space of well-being.

BUILDING SOLUTIONS

Ask for your new **Spa & Pool INOX SOLUTION** catalogue by AstralPool

SPA & POOL INOX SOLUTION



# SKYPOOL



## PANEL POOLS, THE VERY LATEST TECHNOLOGY THAT ENSURES PRECISION AND ACCURACY

The easiest, quickest and surest way of building any required residential and commercial pool. SkyPool is AstralPool's range of prefabricated panel pools that can be adapted to fit existing infrastructures or new ones.



The use of these totally prefabricated panels that are easy to fasten and assemble together means that an in-ground or above-ground pool can be built in record time.

The steel panels undergo hot-dip galvanization in a bath of zinc, which gives them excellent protection against rusting so that they last longer and their safety is guaranteed throughout their service life.

## SKYPOOL - Experts in end-to-end solutions

Thanks to SkyPool, AstralPool is the undisputed world leader in prefabricated pools made of galvanized steel panels. Our flexibility and drive, in addition to the way we adapt to the needs and regulations of each market have led us to build pools in more than 60 countries, which has made us one of the companies with the greatest international outreach in the sector.

### Award-winning competition pools.

As leaders in this sector, we have longstanding experience in the development of solutions for the world of competition. We make pools of any size including the required by World Aquatics standards and regulations.

### End-to-end solutions.

AstralPool has a multidisciplinary team able to give you support in the development of your project from beginning to end, as well as the degree of experience and know-how expected of a world leader:

- Project analysis.
- Preliminary design study and quote.
- Advice and water treatment.
- Manufacture.
- Worksite management.
- Installation of complete solutions.



World Aquatics

## SKYPOOL COMMERCIAL POOLS

## SKYPOOL - The best choice for many reasons

**Quick**

The use of completed prefabricated components together with the easy assembly system considerably reduces the time required to build a pool.

**Versatile**

This system can be used for any design, whatever a pool's shape.

**Long-lasting**

New design and manufacturing systems are used to obtain maximum quality, functionality and durability of all pool components. The metal structure has a 20-year warranty.

**Lightweight**

Choose a place and we'll build a pool there! The advantage of the lightweight structure that is easily adaptable is that pools can be built even in awkward conditions. Small spaces, rooftops, stadiums, etc.

**Inexpensive**

As no complex infrastructure has to be built, a high performance pool can be obtained at a lower cost.

**Reliable**

The use of the very best components, together with a totally safe construction system, delivers the reliability required in this type of facility.

**Sustainable**

All components can be recycled, are non-contaminating and are manufactured using processes with a low environmental impact.

## SKYPOOL - Advantages

**1. Technology.**

Thanks to the technology used in the construction of SkyPool panels, they are fully compliant with World Aquatics regulations. There is an extremely easy and efficient system for adjusting the level and angles of a pool. The access through the system's manholes enables all adjustment to be made.

**2. Watertight. No leaks.**

There are no cracks. The perfect fit of the assembled SkyPool panels covered by the liner ensure the pool shell is completely watertight. Furthermore, the system has been designed to withstand land movements and subsidence, in addition to the pressure exerted when a pool is emptied or filled.

**3. High resistance finishes.**

The PVC-P reinforced liner used by SkyPool is watertight, which gives these pools a high level of safety, protection, robustness and durability. Furthermore, it is resistant to chlorinated water and aging caused by external agents. The liner ensures elasticity and is available with a wide range of optional features (colours, etc.).

**4. Quicker installation time.**

It can take as much as two months off the time to manufacture and install an Olympic SkyPool (50 x 25 x 2 m) in comparison with a concrete pool. This considerably reduces indirect and opportunity costs.

**5. Low maintenance.**

As there is access to the pool perimeter, any problems are more quickly located, so repair and maintenance work is easier and costs less.

**6. Earthquakes resistant.**

Build earthquake-resistant pools. The team of Skypool engineers calculates and adapts the system according to the seismic regulations of each country. Under request.



World Aquatics

## SKYPOOL - The best performance

**Technology**

Thanks to the technology used in the construction of SkyPool panel pools, their precision and accuracy comply with World Aquatics regulations.

We have leveling and dimensional tolerance adjustment systems, in addition to materials resistant to subsidence and expansion.

A SkyPool is the result of experience and the use of cutting-edge technologies for the design, manufacture and installation of our pools.

**Readily accessible pools that are easy to run**

A typical pool installation can be checked from a technical gallery that provides access to the back of the panels for inspection, maintenance and repair work. This means that pools do not have to be emptied for such work, so they are easy and profitable to be run as a business concern.

**Engineering calculations**

The structural calculations for SkyPool panels are made to ensure the resistance of our installations and compliance with European and local standards. We make specific seismic calculations in order to comply with the most rigorous standards and to ensure resistance to potential earthquakes.



SKYPOOL COMMERCIAL POOLS

SKYPOOL - The best performance



BUILDING SOLUTIONS

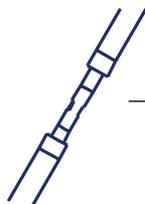
**STANDS:**

System of stands that provide better stability on the ground.



**TENSIONER:**

The tensioners are adjustable and enable a pool to be assembled down to the last millimeter.



**OVERFLOW CHANNEL:**

Totally modular. Can be made to be used with different grill and tile sizes.



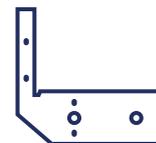
**LEVELING:**

With a chemical anchoring fixture (30 mm)



**REINFORCED BRACKETS:**

The brackets deliver greater resistance and stability in the overflow channel and panel area.

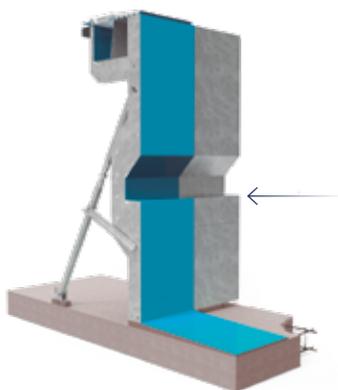


SKYPOOL - Specific panel types



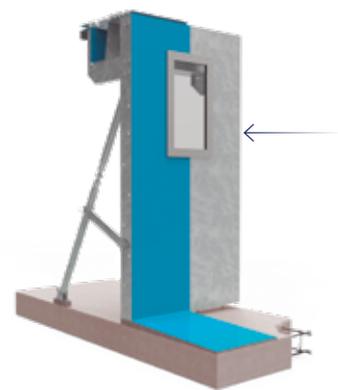
**STEP PANELS**

Panels with built-in ladders that comply with World Aquatics standard. Supplied with split ladder, fastenings and asymmetric handrails to make it easy for swimmers to get in and out of a pool.



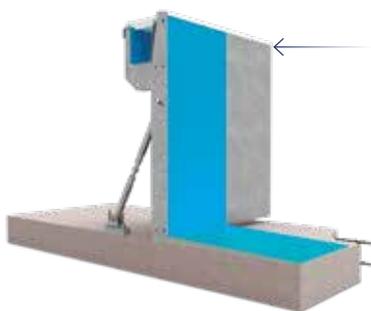
**SWIMMER FOOHOLD PANEL**

Built-in foothold at a depth of 1.2 m for swimmers to rest.



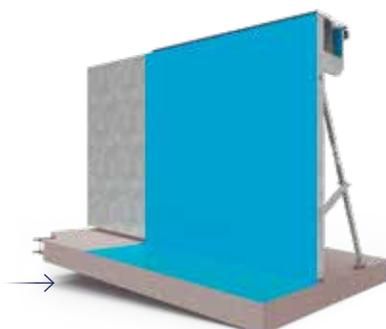
**GLASS SIGHT PANEL**

Glass windows so that trainers and physiotherapists at high performance and rehabilitation centers are able to observe swimmers underwater.



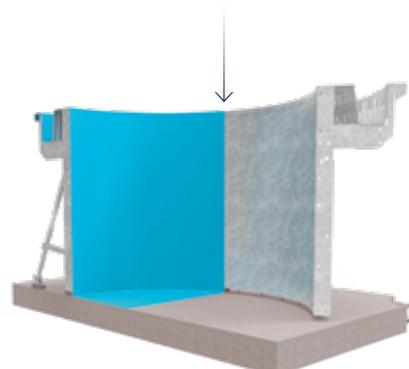
**WITHOUT CERAMICS PANEL**

Specially designed panel which does not need the front edge ceramic tile.



**INCLINED PANEL**

Inclined panels can be supplied to the specifications of an architectural project.



**CURVED PANEL**

Round and semicircular panels. Ideal for wellness centers and leisure areas.

## SKYPOOL - Panel models

**BARCELONA PANEL**

Freestanding galvanized steel panel suitable for pools of up to 2.2 m. Fastenings are only required at the bottom.

The Barcelona panel was designed for the first time for the 2003 World Swimming Championships in Barcelona. The pool was installed inside the Sant Jordi palace, on the basketball court without damaging the ground.

Its self-supporting system allows it to be anchored to a concrete slab without the need to fasten a pool's outer decking to the slab. This design makes possible the differential absorption of the subsidence of the slab at the base of a pool. The panels can be supplied in hot-dip galvanized steel and stainless steel.

**CAR PANEL**

Freestanding galvanized steel panel suitable for pools of up to 5 m. Fastenings are required at the top and on the bottom.

The range of prefabricated panels CAR (High Performance Center) for the training of elite athletes, are specifically designed for large pool heights with the aim of meeting all standards for Olympic, semi-Olympic, Paralympic, world swimming championships and water sports, such as water polo, jumping and synchronized swimming.

They are designed with a strong metal lattice framework anchored both to the concrete slab and to the formwork of a pool's decking.

**MELBOURNE PANEL**

Freestanding galvanized steel panel suitable for pools of up to 3.5 m with structure to install the surround of the pool.

The prefabricated Melbourne panels were designed for the 2007 Swimming World Championship in Melbourne. The main characteristic of these panels is their heights that vary between 2.5 to 3.5m. The self-supporting framework is anchored to the base slab and has a structure for building the outer decking. Ideal for building Olympic and synchronized swimming pools.

Temporary events. This type of panel is suitable for use in temporary events. The design of these pools makes it perfectly feasible to add bleachers in a stadium and they have an outer decking.

**RENOVATION PANEL**

Renovation panels are the ideal solution for any old pools that have to be renovated to adapt to current standards and to give them a new lease of life.

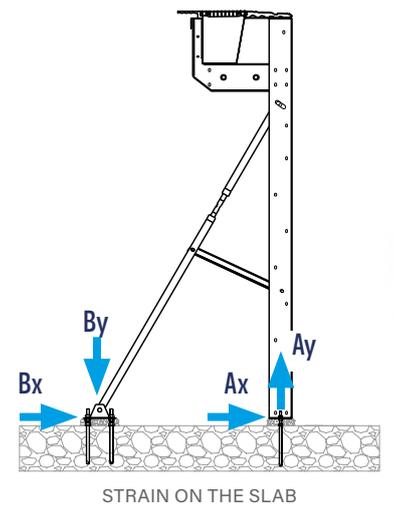
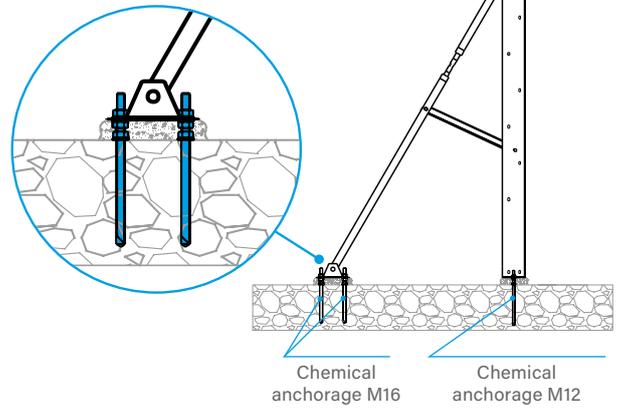
Quick and easy to fit without the need to demolish the whole of a pool. Using galvanized steel renovation panels, only the pool's coping has to be demolished and a new overflow channel installed. Ceramic and non-ceramic finishes are available, and they have built-in drainage outlets. The most inexpensive solution to give your pool a new lease of life.

BARCELONA - Panel model



SkyPool galvanized steel self-supporting panels suitable for pools of up to 2.2 m.

BUILDING SOLUTIONS



GENERAL SPECIFICATIONS

Panel	Height (m)	0.8	1.0	1.2	1.4	1.5	1.6	1.8	2.0	2.2	
	Width (m)	1.0 m standard size (special sizes available on request)									
Panel weight	(Kg)	56	62	70	76	80	87	96	104	113	
Tensioner		M16				M20			M24		
Panel anchors	Chemical type						M12				
Reinforcement anchors	Chemical type						M12			M16	
Panel fastening screws	(8.8)						M10				

\*LOADS

On panel	A	Ax (kN)	-1.79	-2.56	-3.01	-4.59	-5.52	-6.44	-8.47	-10.73	-12.99
		Ay (kN)	-4.54	-5.72	-8.58	-10.18	-11.14	-12.1	-14.23	-16.6	-18.97
On tensioner	B	Bx (kN)	-3.54	-4.67	-5.02	-5.98	-6.55	-7.11	-8.42	-9.88	-11.34
		By (kN)	4.07	5.25	8.7	10.34	11.32	12.29	14.46	16.86	19.26

FINISHES AND MATERIALS

Panel materials	S235JR steel according to standard UNE EN 10025
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009
Waterproofing	Reinforced ALKORPLAN-2000 liner
Ceramic finish	ERGO 216 non-slip + 035 non-slip

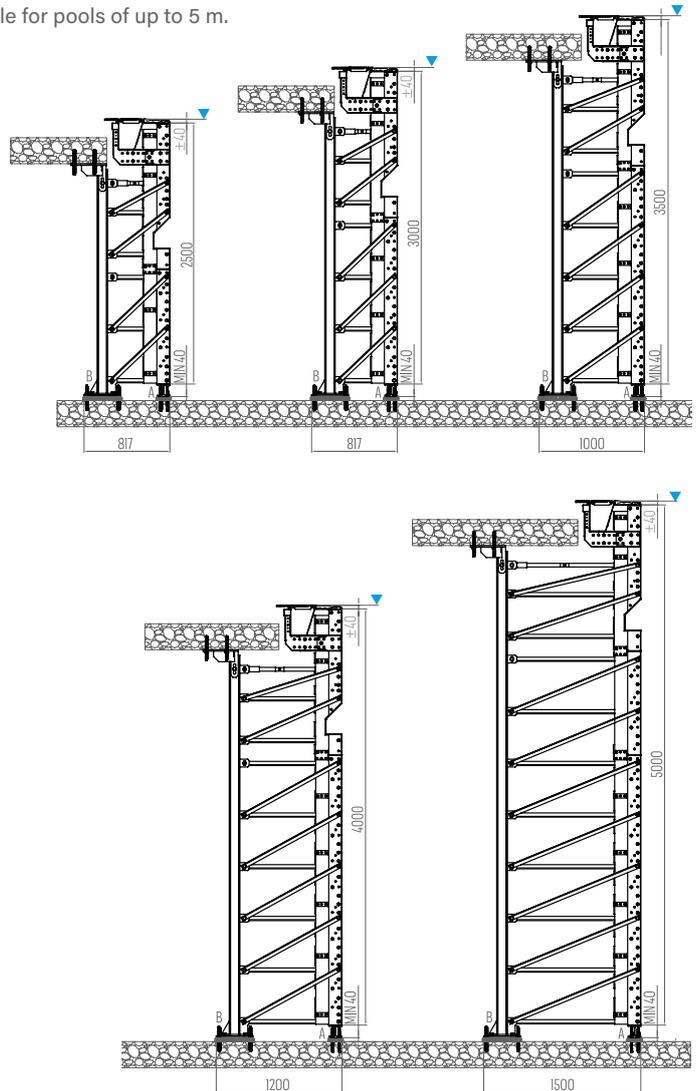
\* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

SKYPOOL COMMERCIAL POOLS

CAR - Panel model



Self-supporting galvanized SkyPool steel panel suitable for pools of up to 5 m. Fastenings are required at the top and on the bottom.



BUILDING SOLUTIONS

GENERAL SPECIFICATIONS

Panel	Height (m)	2.5	3.0	3.5	4.0	5.0
	Width (m)	1.0 m standard size (special sizes available on request)				
Panel weight	(Kg)	245	290	340	395	500
Panel anchors	Chemical type	M12			M16	
Reinforcement anchors	Chemical type	M16			M20	
Panel fastening screws	(8.8)	M12				

\*LOADS

On panel	A	Ax (kN)	Ask for details
		Ay (kN)	
On tensioner	B	Bx (kN)	
		By (kN)	

FINISHES AND MATERIALS

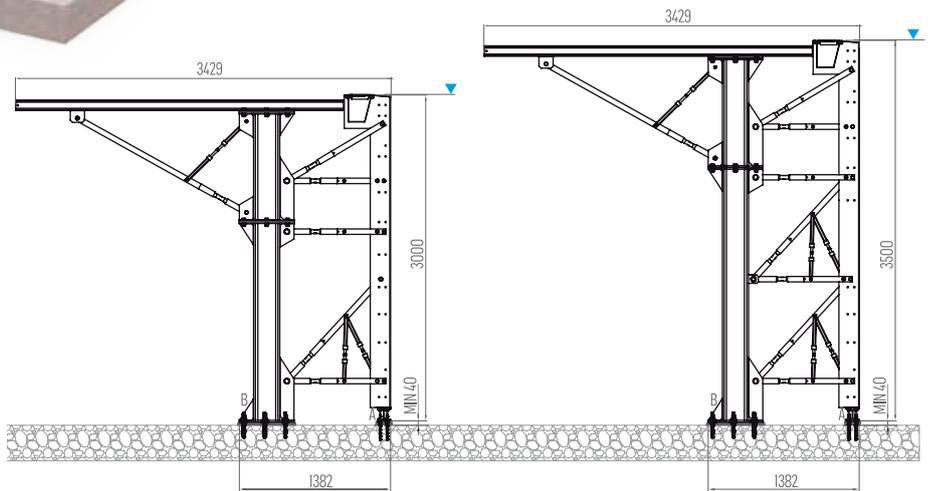
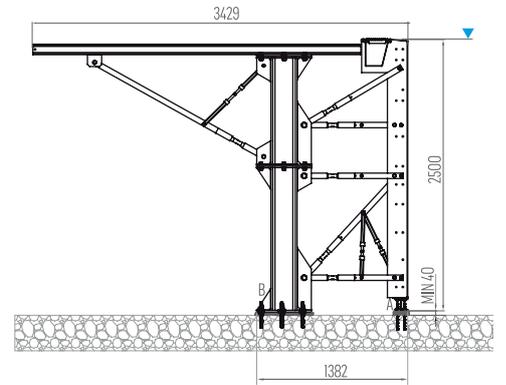
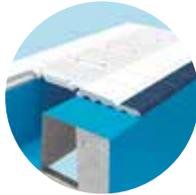
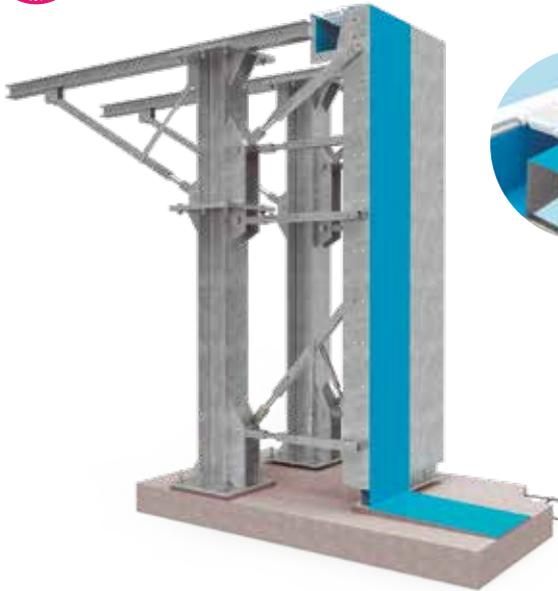
Panel materials	S235JR steel according to standard UNE EN 10025
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009
Waterproofing	Reinforced ALKORPLAN-2000 liner
Ceramic finish	ERGO 216 non-slip + 035 non-slip

\* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

# MELBOURNE - Panel model



Galvanized SkyPool steel panel suitable for pools of up to 3.5 m with structure to install the pool decking.



GENERAL SPECIFICATIONS			
Panel	Height (m)	2.5	3.0
	Width (m)	1.0 m standard size (special sizes available on request)	
Panel weight	(Kg)	1255	1370
Panel anchors	Chemical type	M12	
Reinforcement anchors	Chemical type	M16	
Panel fastening screws	(8.8)	M12	
<b>*LOADS</b>			
On panel	A	Ax (kN)	Ask for details
		Ay (kN)	
On tensioner	B	Bx (kN)	
		By (kN)	
<b>FINISHES AND MATERIALS</b>			
Panel materials	S235JR steel according to standard UNE EN 10025		
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009		
Waterproofing	Reinforced ALKORPLAN-2000 liner		
Ceramic finish	ERGO 216 non-slip + 035 non-slip		

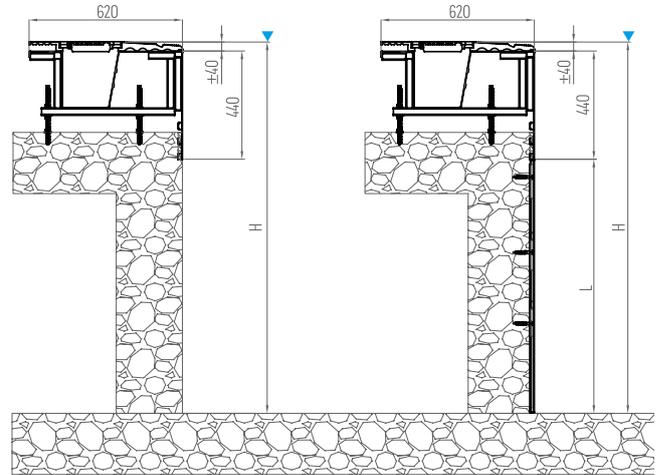
\* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

SKYPOOL COMMERCIAL POOLS

RENOVATION - Panel model

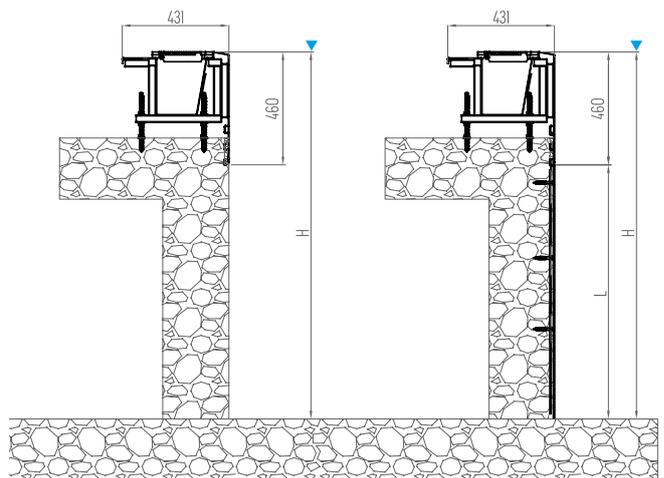


Galvanized steel SkyPool panel suitable for renovating any existing pool.



Ceramic overflow channel

Ceramic overflow channel & wall



Non-ceramic overflow channel

Non-ceramic overflow channel & wall

GENERAL SPECIFICATIONS

	Type	CERAMIC		NON-CERAMIC	
		Overflow channel	Overflow channel & wall	Overflow channel	Overflow channel & wall
Panel	Depth H (m)	0.44	1.2	0.44	1.2
	Depth L (m)	-	-	-	-
	Width (m)	1.0 m standard size (special sizes available on request)			
Panel weight	(Kg)	36	55	32	51
Panel anchors	Chemical type	M12			
Panel fastening screws	(8.8)	M6			

FINISHES AND MATERIALS

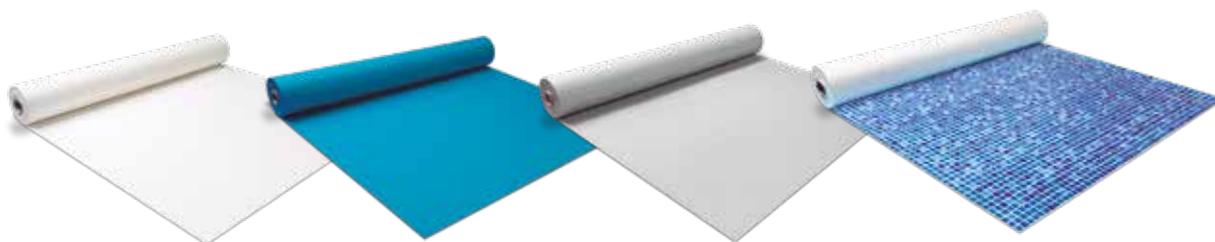
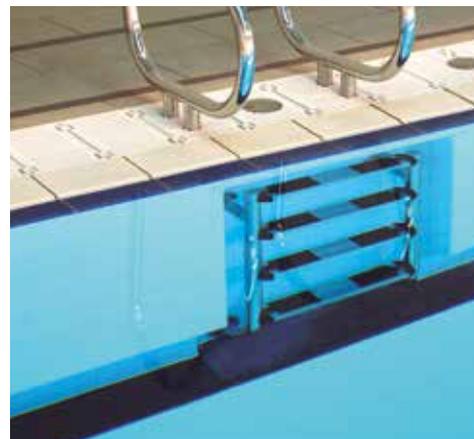
Panel materials	S235JR steel according to standard UNE EN 10025
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009
Waterproofing	Reinforced ALKORPLAN-2000 liner
Ceramic finish	ERGO 216 non-slip + 035 non-slip
	Does not apply

SKYPOOL COMMERCIAL POOLS

WATERPROOFING OF THE POOL using a reinforced PVC-P liner



The liner made of 150/100 reinforced PVC-P (plasticized polyvinyl chloride) is the most commonly used system for covering liner pools as it is extremely flexible, resistant to tearing, easy to weld, resistant to bleaching from UV rays and because it comes in a wide range of colors.



Roll-2000-White

Roll-2000-Adriatic Blue

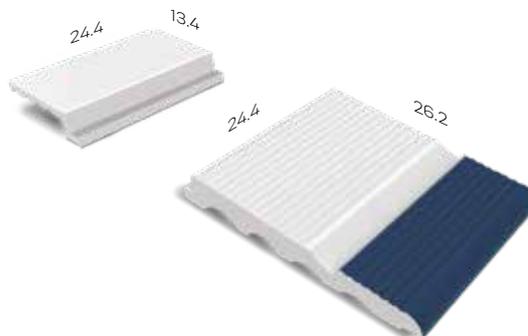
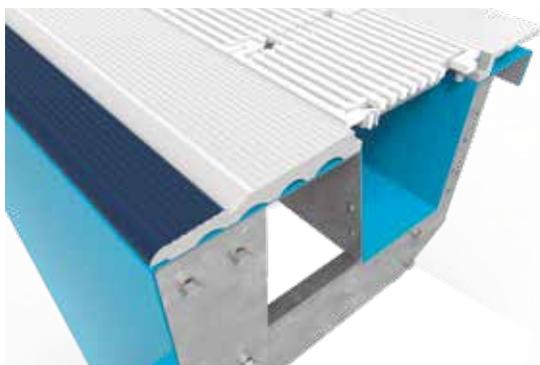
Roll-2000-Light grey

Roll-3000-Persia Blue

COPING FINISHES



Porcelain stoneware enhances a pool's design and embellishes its finishing.



SkyPool warranty

All our pools are certified and under warranty for 25 years. Their materials comply with EU standards.

Our quality management system is certified (S/UNE-EN ISO 9001: 2015).

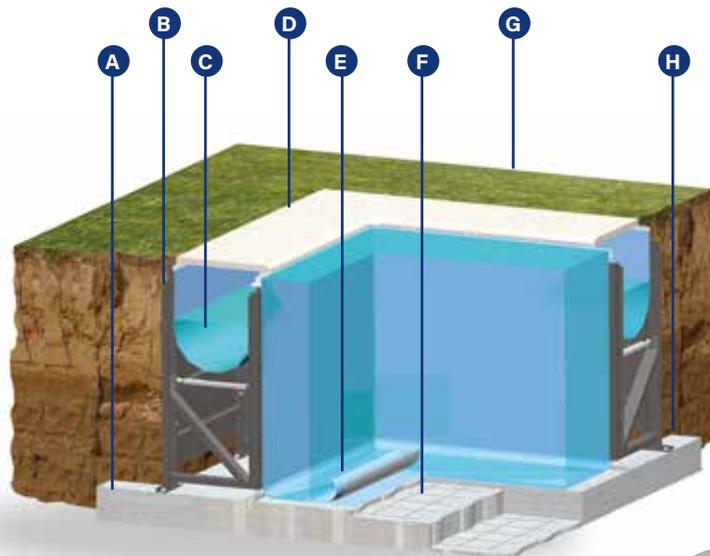
BLUESPRING



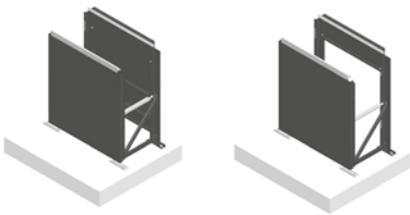
When the sides of the overflow blend with the sky and with the surrounding atmosphere, the fulfillment of the perfect pool is realized, the time when the pool disappears and binds to the infinite lines.

Bluespring is designed to give space to the architectural interventions to harness the magic of the different types of overflow available. The structure has been designed to maintain the integrity of the performances over the years, getting its point of excellence in the reliability using. The best technology at the service of demanding customers who believe in the beauty of their own water space.

- A Reinforced concrete slab
- B Steel structure
- C Compensation channel
- D Perimetric flooring
- E Reinforced membrane
- F Concrete reinforcement
- G Terrapieno
- H Fasteners



POOL WARRANTY: 5 YEARS  
ACCESSORIES WARRANTY: 2 YEARS



The Bluespring structure technology is made of galvanized and passivated steel with low-carbon Z275 coverage, treated with the exclusive protective Laghetto ZMSV-TEC coating.

All the ground supports, the threaded rods anchors, the moving parts and the nuts and bolts are made of stainless steel.

The Bluespring ZMSV-TEC structure provides a full height ground retaining panel if used as a classical inground pool, or is equipped with a shortened panel in case it is mounted in above ground situations.

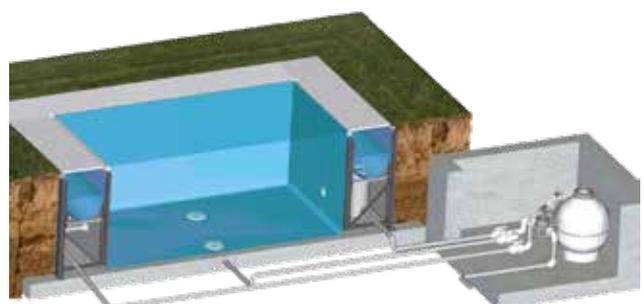
Bluespring offers two standard heights for the pool panel: **130 and 152 centimeters.**

Higher or variable water depth can be obtained directly by varying the design of the bottom slab.

BLUESPRING - Compensation system



With Bluespring balance tank is not necessary, thanks to the use of big and capacious overflow duct, which allows to avoid the construction of the external compensation tank, with consequent and evident of space and cost savings.





### High-tech, endless beauty

When the sides of the overflow blend with the sky and with the surrounding atmosphere, the fulfillment of the perfect pool is realized, the time when the pool disappears and binds to the infinite lines.

Elegant and exclusive, Bluespring is the infinity pool suitable for every need: do sport comfortably at home, relax after work or enjoy time with the family, in the privacy of your own home.

The perimeter overflow is the best filtration system for floating impurities: the water overflows from the edge into the channel under the perimeter paving and enters the filtration system.

With the overflow channel, therefore, you will no longer need the external, underground, bulky and expensive compensation tank. Reduced construction times and low impact building works guarantee an immediately usable space; the self-supporting structure remains intact over the years and allows easy and quick maintenance and control.

The best technology at the service of demanding customers who believe in the beauty of their own water space.



## CLASSIC CUSTOM AND PROFESSIONAL



## CLASSIC CUSTOM AND PROFESSIONAL

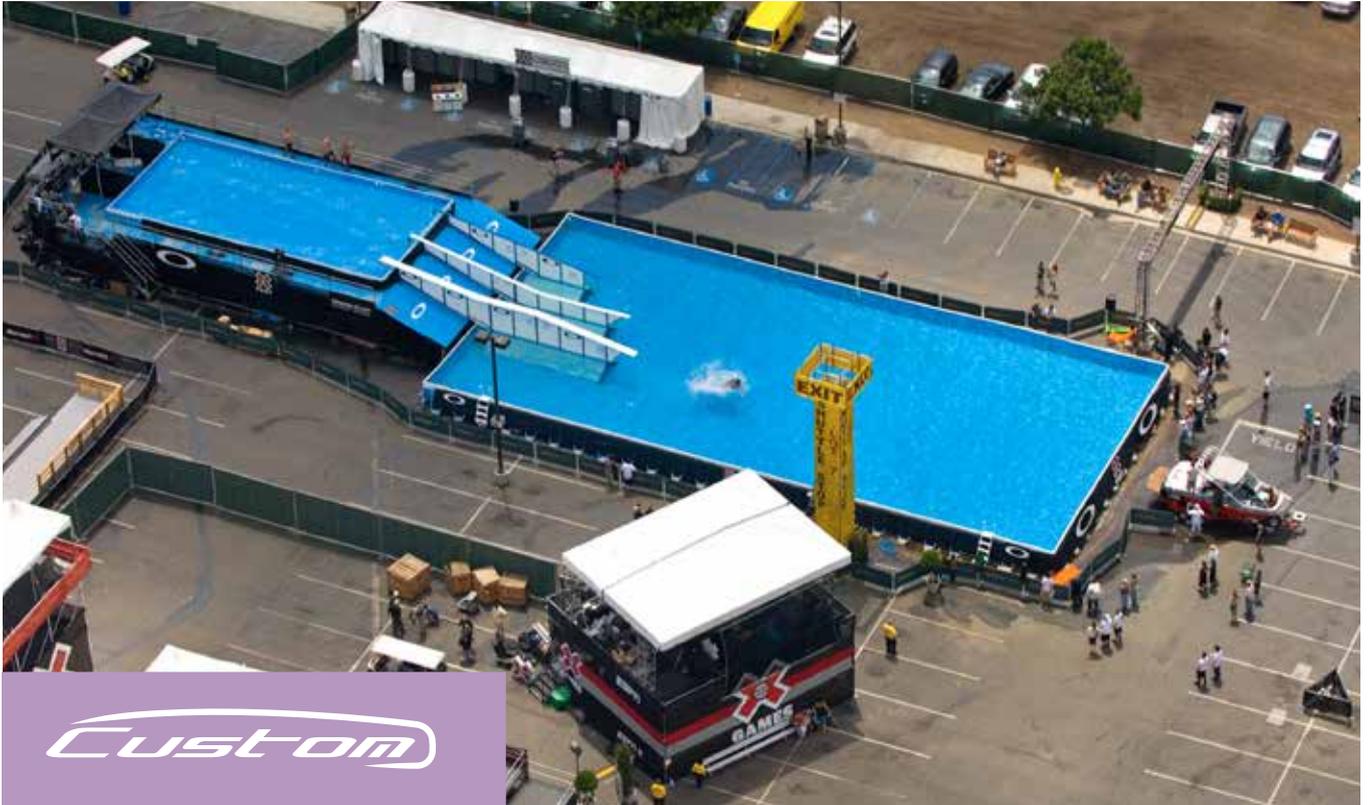
- **MODEL:** Custom Professional
- **FAMILY:** Pool Design
- **INSTALLATION:** Above-ground for events
- **PRODUCT TYPE:** Pool with with hydrostatic structure
- **STRUCTURE:** Hot dip galvanized steel with powder coated parts.
- **POOL LINER:** Made of polyester with highly waterproof PVC coating
- **LINER COLOR:** Laghetto Blue
- **INSTALLATION:** UNI standards, for temporary use also
- **EQUIPMENT:** Tank (structure and liner), foot blocks. Filtration, skimmers and piping depending on customer project
- **OPTIONS:** Wintercovering, summercovering
- **SIZES:** Available heights: 60/100/120 cm (water heights)
- **WARRANTY:** 5 Years (structure and liner) - 2 Years (other parts and accessories)

<https://www.piscinelaghetto.com/en/product/home-design-en/custom-professional>



CLASSIC CUSTOM AND PROFESSIONAL

BUILDING SOLUTIONS







## POOLS

# FILTRATION

### 122 LAMINATED FILTERS

- 122 Artic & Artic Plus filters
- 124 Delta filters
- 126 Norma filters
- 128 Begur filters
- 130 Blanes filters
- 132 Tor filters
- 134 Vesubio filters
- 136 Europe 1.0 filters
- 138 Europe 1.2 filters

### 140 BOBBIN WOUND FILTERS

- 140 Praga filters
- 142 Vic filters
- 144 Oslo filters
- 146 Olot filters
- 148 Rodas 1050 - 1200 filters
- 150 Rodas 1400 - 1600 - 1800 filters
- 152 Rodas 2000 - 2350 filters
- 154 Rodas 2500 filters
- 156 Berlin filters

### 158 COMMERCIAL POOL FILTRATION

- 158 Coding
- 158 Head loss curve

### 159 FILTER MEDIA

- 159 Vertical Filter Media
- 161 Horizontal Filter Media

### 162 VALVES MANIFOLD

- 162 Valves manifold
- 163 Valves manifold Codification

### 164 REGENERATIVE MEDIA FILTERS

- 164 FMR Regenerative media filters
- 164 Manual kit bypass
- 165 Automatic kit bypass
- 165 Automatic Pro kit bypass
- 166 Basic FMR control panel
- 166 Pro FMR control panel
- 167 Pro VFD FMR control panel
- 168 Automatic purge kit
- 168 Balance tank control kit
- 168 Regenerative media perlite
- 169 FMR Product Selection

LAMINATED FILTERS



ARTIC & ARTIC PLUS FILTERS



- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.



Bed depth 1 m or 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.



Complies with Standard  
EN 16713-1

BED DEPTH 1 M. / DEPTH 1.2 M.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter	
					ARTIC Bed depth 1 m	ARTIC PLUS Bed depth 1.2 m
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	In		
500	0.19	50	10	1½"	34029-0100	-
650	0.33	50	17	1½"	34030-0100	36053
800	0.50	50	25	2"	34031-0100	36054
950	0.70	50	36	2½"	41187	41373
1050	0.86	50	44	3"	41188	36055
1200	1.13	50	57	4"	41189	36056

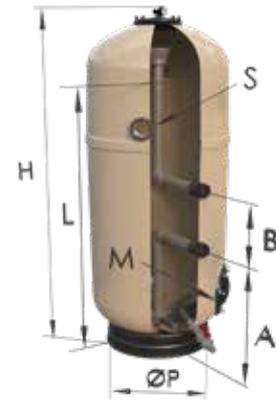
The filter code does not include filter media

LAMINATED FILTERS

ARTIC & ARTIC PLUS FILTERS



TECHNICAL FEATURES



FILTRATION

STANDARD EQUIPMENT		Filter with laterals	Pressure (bar)
Collector system	0.3 mm slots	Ø 500 - Ø 1200	2.5
Air relief	1/4"	Ø 500 - Ø 1200	2.5
Sand drain	Ø 200	Ø 1000 - Ø 1200	2.5
Water drain	1"	Ø 500 - Ø 950	2.5
	2.5" - 1/4"	Ø 1000 - Ø 1200	2.5
Top manhole	Ø 200	Ø 500 - Ø 950	2.5
	Ø 400	Ø 1000 - Ø 1200	2.5

OPTIONS TABLE		Ø (mm)
Nozzle plate	0.5 mm slots	Ø 650 - Ø 1200
Lateral manhole <sup>(1)</sup>	Ø 400	Ø 1050 - Ø 1200
Sight glass <sup>(2)</sup>	Ø 90	Ø 500 - Ø 1200
Vinylester. Ozone use <sup>(3)</sup>		Ø 500 - Ø 1200
Use with salt water <sup>(4)</sup>		Ø 500 - Ø 1200
Use with drinking water <sup>(5)</sup>		Ø 500 - Ø 1200
UV resistant. Outdoor use		Ø 500 - Ø 1200

<sup>(1)</sup> This option replaces sand drain Ø 200.

<sup>(2)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

<sup>(3)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(4)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(5)</sup> A certificate of the material suitable for use with drinking water is included.

ARTIC - BED DEPTH 1 M.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m <sup>3</sup> )	Weight in service (kg)
500	780	125	1650	1000	400	60	1.3	465
650	775	125	1700	1000	490	65	1.34	620
800	685	230	1750	1000	625	70	1.67	975
950	655	270	1760	1000	705	109	2.3	1400
1050	630	270	1895	1000	775	135	2.42	1550
1200	665	270	1970	1000	940	155	3.65	2260

ARTIC PLUS - BED DEPTH 1,2 M.

(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	kg	m <sup>3</sup>	kg
650	730	125	1900	1200	490	75	80	800
800	670	230	1950	1200	625	90	95	1250
950	665	270	1960	1200	705	131	136	1770
1050	665	270	2145	1200	775	135	145	1915
1200	665	270	2170	1200	940	210	220	2860

LAMINATED FILTERS



DELTA FILTERS



- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.
- Maximum pressure 2,5 bar.
- Colour RAL 1024.

					BED DEPTH 1 M. / DEPTH 1.2 M.			
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			
					Bed depth 1 m		Bed depth 1.2 m	
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	In	Filter with laterals	Filter with nozzle plate	Filter with laterals	Filter with nozzle plate
500	0.19	40	8	1 ½"	58682			
650	0.33	40	13.3	1 ½"	36676	36684	36680	36688
800	0.50	40	20.1	2"	36677	36685	36681	36689
1000	0.86	40	31.4	2 ½"	36678	36686	36682	36690
1200	1.13	40	45.2	Ø 90	36679	36687	36683	36691

Bed depth 1 m or 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.



Complies with Standard  
EN 16713-1

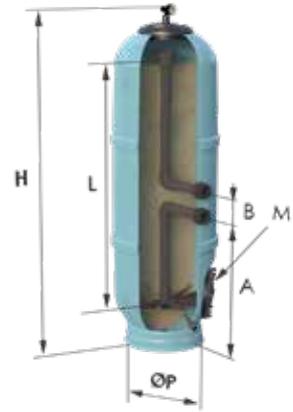
The filter code does not include filter media

LAMINATED FILTERS

DELTA FILTERS



TECHNICAL FEATURES



FILTRATION

STANDARD EQUIPMENT		Filter with laterals 0,3 mm	Filter with nozzle plate 0,5 mm slots	Pressure (bar)
Lateral Manhole	DN200	Ø 500 - Ø 1200		2.5
Sight Glass	Ø 90	Delta 1200 (Ø 650 - Ø 1200)		2.5
Top manhole	Ø 200	Ø 500 - Ø 800		2.5
	Ø 400	Ø 1000 - Ø 1200		2.5
Air relief	1/4"	Ø 500 - Ø 800		2.5
	3/4"	Ø 1000 - Ø 1200		2.5
Water drain	1/4"	Ø 500 - Ø 1200		2.5

OPTIONS TABLE		Ø (mm)
Sightglass (1)	Ø 90	Delta 1000 (Ø 500 - Ø 1200)
Vinylester. Ozone use (2)		500 - 1200
Use with salt water (3)		500 - 1200
Use with drinking water (4)		500 - 1200

- (1) More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.
- (2) Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.
- (3) Maximum allowed concentration of salt 45 gr/l (seawater).
- (4) A certificate of the material suitable for use with drinking water is included.

DELTA 1000 - BED DEPTH 1 M.

Ø (mm)	A (mm)	B (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight		Standard Volume m³	Weight in service kg
						Filter with laterals	Filter with nozzle plate		
						kg			
500	690	125	1680	1000	400	45	-	1.34	530
650	740	125	1702	1000	490	80	94	1.34	700
800	715	230	1749	1000	625	90	111	1.71	1100
1000	785	270	1840	1000	890	125	155	2.16	1750
1200	800	300	1915	1000	1145	150	190	3.29	2550

DELTA 1200 - BED DEPTH 1.2 M.

Ø (mm)	A (mm)	B (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight		Standard Volume m³	Weight in service kg
						Filter with laterals	Filter with nozzle plate		
						kg			
650	740	125	1920	1200	585	100	114	1.5	800
800	715	230	1995	1200	700	110	131	1.94	1250
1000	785	270	2010	1200	890	120	150	2.31	1915
1200	800	300	2150	1200	1145	160	200	3.54	2860

LAMINATED FILTERS



NORMA FILTERS



- Designed following the guidelines of the standards DIN 19605/19643.
- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Fiberglass polyester flanges.
- Hardware stainless steel AISI 316.



Bed depth 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.



Complies with Standard  
EN 16713-1

BED DEPTH 1,2 M

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø		Code filter <sup>(1)</sup>
				Upper	Lower	
				mm		
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm		2.5 bar
650	0.33	30	10	90	75	08142P
800	0.50		15	90	75	08143P
1000	0.80		23	140	110	08144P
1200	1.13		33	140	140	08145P

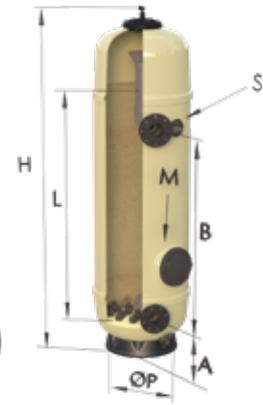
(1) The filter code does not include filter media or valve manifold

LAMINATED FILTERS

NORMA FILTERS



TECHNICAL FEATURES



FILTRATION

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0,5 mm slots	Ø 650 - Ø 1200	2.5
Lateral manhole	Ø 200	Ø 650 - Ø 800	2.5
	Ø 400	Ø 1000 - Ø 1200	2.5
Sight glass	Ø 90	Ø 650 - Ø 1200	2.5
Air relief	2"	Ø 650 - Ø 1200	2.5
Water drain	2.5" - 1/4"	Ø 650 - Ø 1200	2.5
Top manhole	Ø 200	Ø 650 - Ø 1200	2.5

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use <sup>(1)</sup>	Ø 650 - Ø 1200
Use with salt water <sup>(2)</sup>	Ø 650 - Ø 1200
Use with drinking water <sup>(3)</sup>	Ø 650 - Ø 1200

<sup>(1)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(2)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(3)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m <sup>3</sup> )	Weight in service (kg)
650	320	1330	2480	1200	585	100	1.33	845
800	320	1330	2480		700	125	2	1490
1000	340	1640	2490		890	145	3	2190
1200	400	1200	2640		1145	177	5.5	3320

## BEGUR FILTERS



- Designed following the guidelines of the standards DIN 19605/19643.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Nozzle plate included with 65 nozzles/m<sup>2</sup>.
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Freeboard 0,5 m.
- Fibreglass polyester flanges.
- Colour RAL 5015.
- Hardware stainless steel AISI 316.

Bed depth 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Input connection	Output connection	Code filter <sup>(1)</sup>		Valve manifold Manual, 5-valve code for 1 filter
						Outlet water under nozzle plate		
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm		Monolayer (1 sight glass)	Multilayer (2 sight glasses)	
650	0.33	20	7	90	75	66033	66033	00776 DI 06
		30	10			126 BEG	127 BEG	
800	0.5	20	10	110	90	66034	66034	00780 DI 08
		30	15			126 BEG	127 BEG	
1000	0.86	20	16	140	110	66035	66035	00789 DI 10
		30	23			126 BEG	127 BEG	
1200	1.13	20	23	160	140	66036	66036	09177 DI 12
		30	34			126 BEG	127 BEG	

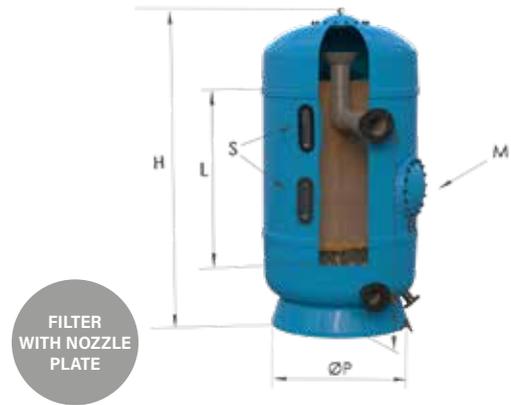
(1) Example of Interpretation of the code: 66033 126 000  
The filter code does not include filter media

LAMINATED FILTERS

BEGUR FILTERS



TECHNICAL FEATURES



FILTRATION

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0.5 mm slots	Ø 650 - Ø 1200	2.5
Lateral manhole	Ø 200	Ø 650	2.5
	Ø 400	Ø 800 - Ø 1200	2.5
Sight glass	50 x 300 mm	Ø 650 - Ø 1200	2.5
Air relief	1/4"	Ø 650 - Ø 1200	2.5
Water drain	3/4"	Ø 650 - Ø 1200	2.5
Airscouring connection	DN50	Ø 650 - Ø 1200	2.5
Top manhole	Ø 200	Ø 650 - Ø 800	2.5
	Ø 400	Ø 1000 - Ø 1200	2.5

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use <sup>(1)</sup>	Ø 650 - Ø 1200
Use with salt water <sup>(2)</sup>	
Use with drinking water <sup>(3)</sup>	

<sup>(1)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(2)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(3)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
650	270	1400	2411	1200	580	110	1.88	845
800	270		2442		700	150	2.70	1490
1000	355		2617		890	160	4.30	2190
1200	385		2752		1085	180	4.98	3320

## BLANES FILTERS



- Designed following the guidelines of the standards DIN 19605/19643.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Nozzle plate included with 65 nozzles/m<sup>2</sup>.
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Freeboard 0,5 m.
- Fibreglass polyester flanges.
- Colour RAL 5015.
- Hardware stainless steel AISI 316.



Bed depth 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Input connection	Output connection	Code filter*		Valve manifold Manual, 5-valve code for 1 filter
						Outlet water under nozzle plate		
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm		Monolayer (1 sight glass)	Multilayer (2 sight glasses)	
1400	1.54	20	31	160	140	66085	66085	09177 DI 14
		30	46			126 BLA	127 BLA	
1600	2.01	20	40	160	160	66086	66086	09177 DI 16
		30	60			126 000"	127 BLA	
1800	2.54	20	51	200	160	66087	66087	09185 DI 18
		30	76			126 BLA	127 BLA	
2000	3.14	20	63	200	200	66088	66088	09185 DI 20
		30	94			126 BLA	127 BLA	

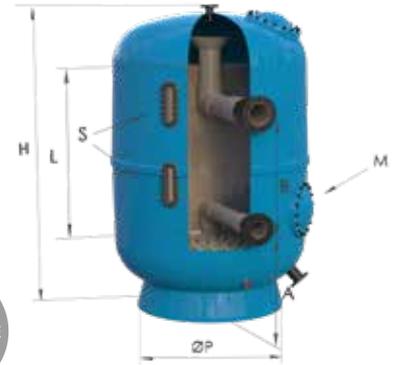
(1) Example of Interpretation of the code: 66037 126 000  
The filter code does not include filter media

LAMINATED FILTERS

BLANES FILTERS



TECHNICAL FEATURES



FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0.5 mm Slots	Ø 1400 - Ø 2000	2.5
Lateral manhole	Ø 400 mm		
Sight glass	50 x 300 mm		
Air relief	DN50		
Water drain	3/4"		
Airscouring connection	DN80		
Top manhole	Ø 400 mm		

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use <sup>(1)</sup>	Ø 1400 - Ø 2000
Use with salt water <sup>(2)</sup>	
Use with drinking water <sup>(3)</sup>	

<sup>(1)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(2)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(3)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m <sup>3</sup> )	Weight in service (kg)
1400	915	1000	2650	1200	1085	220	7.85	4470
1600	915		2738		1230	280	9.40	5890
1800	915		2800		1370	340	12.40	7600
2000	960		2880		1560	435	15.49	9455



LAMINATED FILTERS

TOR FILTERS



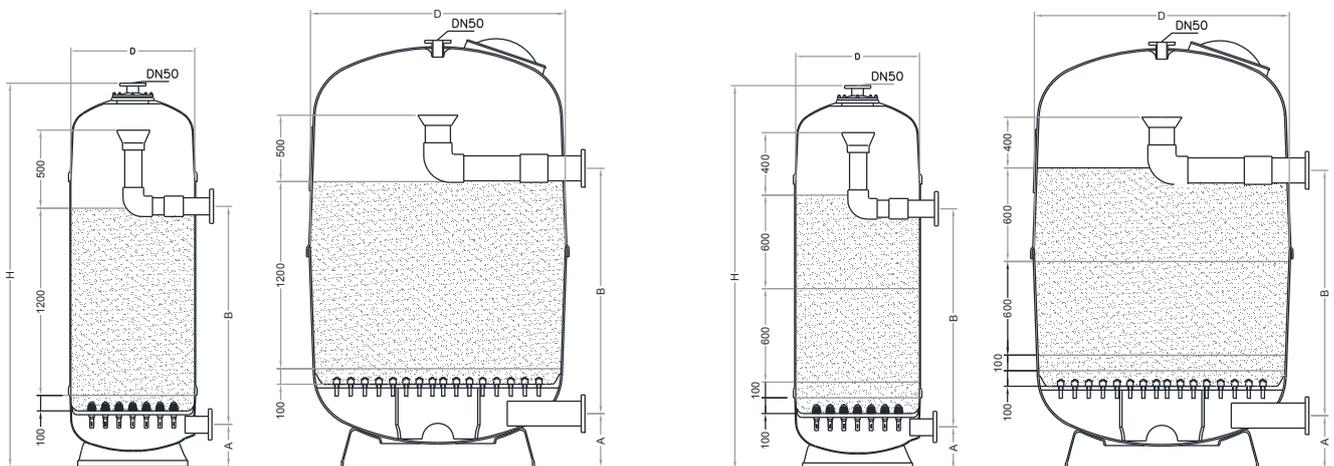
- These filters are manufactured by spraying up on layers of polyester resin and fiber glass strands.
- Excellent external finishing with gel-coat.
- Designed according DIN standard 19643/19605.
- LVHT certificate/ KSW.
- Filter color RAL 5015.
- Bolts in 316 AISI.
- Nozzle plate system minimum 65 units/m<sup>2</sup>.
- 5 years warranty in tank.
- Maximum pressure of 2,5 bar.
- Maximum temperature 50° C.
- Sight glass 50 x 300 mm.
- Filter bed height 1,2m.
- Connections in polyester.
- Lateral manhole d.400 in all models except Norma DIN 650 with d.200mm.
- Top manhole d.400mm in all models. except Norma DIN 650 and 800 with d.200mm.
- 2" air drain (laminated connection)

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm<sup>2</sup>.

Ø Internal diameter mm	Filtration Area m <sup>2</sup>	Filtration velocity m <sup>3</sup> /h/m <sup>2</sup>	Recommended flow m <sup>3</sup> /h	Input connection DN	Output connection DN	Code filter*		Valve manifold Manual, 5-valve code for 1 filter
						Outlet water under nozzle plate Monolayer (1 sight glass)	Multilayer (2 sight glasses)	
650	0.33	20	7	80	665	66033	66033	00776 DI 06
		30	10			126 TOR	127 TOR	
800	0.5	20	10	100	80	66034	66034	00780 DI 08
		30	15			126 TOR	127 TOR	
1000	0.86	20	13	125	10	66035	66035	00789 DI 10
		30	23			126 TOR	127 000	
1200	1.13	20	23	150	125	66036	66036	09177 DI 12
		30	34			126 TOR	127 TOR	
1400	1.54	20	31	150	125	66085	66085	09177 DI 14
		30	46			126 TOR	127 TOR	
1600	2.01	20	40	150	150	66086	66086	09177 DI 16
		30	60			126 TOR	127 TOR	
1800	2.54	20	51	200	150	66087	66087	09185 DI 18
		30	76			126 TOR	127 000	
2000	3.14	20	63	200	200	66088	66088	09185 DI 20
		30	94			126 TOR	127 TOR	

(1) Example of Interpretation of the code: 66037 126 000  
The filter code does not include filter media



MONOLAYER

MULTILAYER

LAMINATED FILTERS

TOR FILTERS



TECHNICAL FEATURES

Filter Media Loads on page 160



STANDARD EQUIPMENT		Ø (mm)	Pressure (bar)
Nozzle plate	65 units/m <sup>2</sup>	Ø 650 - Ø 2000	2.5
Lateral manhole	Ø 400 mm	Ø 800 - Ø 2000 (Ø 650 - Ø 200 mm)	
Top manhole	Ø 400 mm	Ø 800 - Ø 2000 (Ø 650 - Ø 200 mm)	
Sight glass	50 x 300 mm	Ø 650 - Ø 2000	
Air drain	2"	Ø 650 - Ø 2000	
Water drain	3/4"	Ø 650 - Ø 2000	
Airscouring connection	DN80	Ø 650 - Ø 2000	

OPTIONS TABLE	Ø (mm)
Manhole ø225 below nozzle plate	Ø 1600 - Ø 2000
Manholes diameter 500 mm	Ø 1400 - Ø 2000
Second sight glass 50x300mm (MULTILAYER FILTER)	Ø 650 - Ø 2000
Maximum pressure 4 bar	Ø 650 - Ø 2000
Internal coating with vynilester resin	Ø 650 - Ø 2000

<sup>(1)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.  
<sup>(2)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).  
<sup>(3)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (mm)	B (mm)	H (mm)	D (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m <sup>3</sup> )	Weight in service (kg)
650	270	1400	2410	668	1085	220	7.85	4470
800	270		2440	820	1230	280	9.40	5890
1000	355		2615	1035	1370	340	12.40	7600
1200	385		2750	1235	1560	435	15.49	9455
1400	515		2650	1440	1085	220	7.85	4470
1600	515		2740	1640	1230	280	9.40	5890
1800	515		2800	1840	1370	340	12.40	7600
2000	515		2850	2040	1560	435	15.49	9455

LAMINATED FILTERS



VESUBIO FILTERS



- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- 2½" sand discharge outlet.
- Collector arms.



Bed depth 1 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.

Does not include valve  
manifold

Optional:  
Standard American  
sizes

Coding options  
according to table on  
page 158

BED DEPTH 1 M.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	BED DEPTH 1 M.	
					Code filter <sup>(1)</sup>	Valve manifold Manual, 5-valve code for 1 filter
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm	2.5 bar	
450	0.16	50	8	50	15785-0100	
500	0.19	50	10	50	19353-0100	
600	0.3	50	12	50	15786-0100	
750	0.44	50	22	63	15787-0100	
900	0.64	50	32	63	16574-0100	
				75	15788-0100	
1050	0.87	20	17	63	41304	00769 VO 10
		30/40	25/34	75	41305	00771 VO 10
		50	43	90	41306	00776 VO 10
1200	1.13	20/30	22/33	75	41307	00771 VO 12
		40/50	45/56	90	41308	00776 VO 12
1400	1.54	20	30	75	41309	00771 VO 14
		30	46	90	41310	00776 VO 14
		40/50	61/77	110	41311	00780 VO 14
1600	2.01	20	40	90	41312	00776 VO 16
		30/40	60/80	110	41313	00780 VO 16
		50	100	125	41314	00785 VO 16
1800	2.54	20	50	90	41315	00776 VO 18
		30	76	110	41316	00780 VO 18
		40	101	125	41317	00785 VO 18
		50	125	140	41318	00789 VO 18
2000	3.14	20	62	110	41319	00780 VO 20
		30	94	125	41320	00785 VO 20
		40	125	140	41321	00789 VO 20
		50	157	160	41322	09177 VO 20

<sup>(1)</sup> The filter code does not include filter media or valve manifold

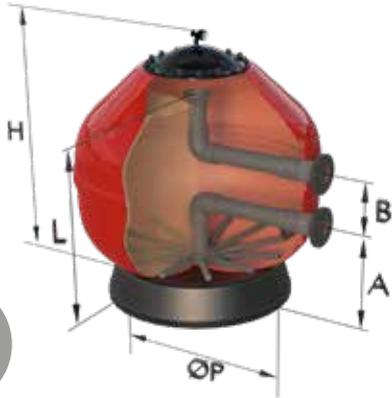
LAMINATED FILTERS

VESUBIO FILTERS



TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 162



FILTER WITH LATERALS

STANDARD EQUIPMENT

Filter with laterals

Laterals slots 0.3 mm	Ø 1050 - 2000
Top manhole Ø 400	Ø 1050 - 2000
Sand drain 2 1/2"	Ø 1050 - 2000
Water drain 1/4"	Ø 450 - 2000
Manual air relief 1/4"	Ø 450 - 2000

OPTIONS TABLE

Ø (mm)

Pressure (bar)

Lateral manhole Ø225 <sup>(2)</sup>	1050-2000	2.5
Sight glass Ø75 <sup>(3)</sup>	1050-2000	2.5
Vinylester. Ozone use <sup>(4)</sup>	450-2000	2.5
Use with salt water <sup>(5)</sup>	450-2000	2.5
Use with drinking water <sup>(6)</sup>	450-2000	2.5

<sup>(2)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.

<sup>(3)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the depth bed media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
450	265	125	725	375	347	16	0.2	
500	305		765	405	400	20	0.26	
600	325		865	445	400	23	0.36	
750	300	230	895	520	490	32	0.6	365
900	325	270	1080	655	625	48	1.003	632
1050	465	500	1545	1000	760	110	2.25	1630
1200	675		1730	1250	850	125	3.37	2220
1400	725		1845	1300	1085	152	4.41	3060
1600	710	570	1850	1400	1230	185	5.66	3930
1800	755		1915	1350	1370	257	7.40	5065
2000	775		2030	1420	1560	360	9.48	6360

LAMINATED FILTERS



EUROPE 1.0 FILTERS



- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

FILTRATION

Bed depth 1 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup> - 4 kg/cm<sup>2</sup>

Does not include  
valve manifold

Optional:  
Standard American  
sizes

Coding options  
according to table on  
page 158

BED DEPTH 1 M

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	Code filter <sup>(1)</sup>		Valve manifold Manual, 5-valve code for 1 filter
					2.5 bar	4 bar	
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm			
1050	0.87	20*	17	63	20070	34270	00769 EU 10
		30/40**	25/34	75	20071	34271	00771 EU 10
		50	43	90	20072	34272	00776 EU 10
1200	1.13	20/30	22/33	75	20068	34273	00771 EU 12
		40/50	45/56	90	20069	34274	00776 EU 12
		20	30	75	21497	34276	00771 EU 14
1400	1.54	30	46	90	21498	34277	00776 EU 14
		40/50	61/77	110	21499	34278	00780 EU 14
		20	40	90	21500	34280	00776 EU 16
1600	2.01	30/40	60/80	110	21501	34281	00780 EU 16
		50	100	125	21502	34282	00785 EU 16
		20	50	90	21503	34285	00776 EU 18
1800	2.54	30	76	110	21504	34286	00780 EU 18
		40	101	125	21505	34287	00785 EU 18
		50	125	140	21506	34288	00789 EU 18
		20	62	110	21507	34290	00780 EU 20
2000	3.14	30	94	125	21508	34291	00785 EU 20
		40	125	140	21509	34292	00789 EU 20
		50	157	160	21510	34293	09177 EU 20
		20	87	125	33820		00785 EU 23
2350	4.34	30	130	140	33822		00789 EU 23
		40	174	160	33824		09177 EU 23
		50	217	200	33826		09180 EU 23
		20	100	140	34302		00789 EU 25
2500	4.91	30	150	160	34303		09177 EU 25
		40	200	200	34304		09180 EU 25
		50	225	225	34305		09185 EU 25

<sup>(1)</sup> The filter code does not include filter media or valve manifold.

LAMINATED FILTERS

EUROPE 1.0 FILTERS



TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 162



STANDARD EQUIPMENT	Filter with laterals Collector system slots 0.3 mm	Filter with nozzle plate Collector system slots 0.5 mm
Top manhole Ø 400		Ø 1050 - 2500
Air relief 3/4"		Ø 1050 - 2500
Sand drain Ø 200	Ø 1050 - 2500	Lateral manhole is recommended
Water drain 3/4"		Ø 1050 - 2500

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Nozzle plate <sup>(1)</sup>	1050 - 2500	2.5 - 4
Lateral manhole <sup>(M)</sup>	Ø 225 mm	2.5 - 4
	Ø 400 mm	2.5 - 4
Sight glass <sup>(S)</sup>	Ø 75 mm	2.5 - 4
	Ø 135 mm	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>	1050 - 2500	2.5 - 4
Use with salt water <sup>(5)</sup>	1050 - 2500	2.5 - 4
Use with drinking water <sup>(6)</sup>	1050 - 2500	2.5 - 4

<sup>(1)</sup> Nozzle plate with 0.5 mm slots suitable for air scouring.  
<sup>(M)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.  
<sup>(S)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.  
<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.  
<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).  
<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
1050	540	270	1860	1300	760	125	2.823	2060
1200	570	350	1860	1300	850	150	3.597	2600
1400	615	400	2000	1350	1083	214	4.9	3500
1600	710	400	2100	1330	1230	230	6.5	4700
1800	725	400	2200	1300	1370	344	8.8	6150
2000	805	400	2200	1350	1558	435	10.58	7800
2350	950	400	2430	1380	1830	600	15.7	10766
2500	1015	500	2525	1500	1830	630	-	13800

LAMINATED FILTERS



EUROPE 1.2 FILTERS



- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

FILTRATION

BED DEPTH 1.2 M

Bed depth 1.2 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.

Does not include valve manifold

Optional:  
Standard American sizes

Coding options according to table on page 158

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	BED DEPTH 1.2 M	
					Code filter <sup>(1)</sup>	Valve manifold Manual, 5-valve code for 1 filter
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm	2.5 bar	
1050	0.87	20*	17	63	31857	00769 EU 10
		30/40**	25/34	75	31858	00771 EU 10
		50	43	90	31859	00776 EU 10
1200	1.13	20/30	22/33	75	31860	00771 EU 12
		40/50	45/56	90	31861	00776 EU 12
1400	1.54	20	30	75	21511	00771 EU 14
		30	46	90	21512	00776 EU 14
		40/50	61/77	110	21513	00780 EU 14
1600	2.01	20	40	90	21514	00776 EU 16
		30/40	60/80	110	21515	00780 EU 16
		50	100	125	21516	00785 EU 16
1800	2.54	20	50	90	21517	00776 EU 18
		30	76	110	21518	00780 EU 18
		40	101	125	21519	00785 EU 18
		50	125	140	21520	00789 EU 18
2000	3.14	20	62	110	21521	00780 EU 20
		30	94	125	21522	00785 EU 20
		40	125	140	21523	00789 EU 20
		50	157	160	21524	09177 EU 20
2350	4.34	20	87	125	33821	00785 EU 23
		30	130	140	33823	00789 EU 23
		40	174	160	33825	09177 EU 23
		50	217	200	33827	09180 EU 23
2500	4.91	20	100	140	34306	00789 EU 25
		30	150	160	34307	09177 EU 25
		40	200	200	34308	09180 EU 25
		50	225	225	34309	09185 EU 25

<sup>(1)</sup> The filter code does not include filter media or valve manifold

LAMINATED FILTERS

EUROPE 1.2 FILTERS



TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 162



STANDARD EQUIPMENT	Filter with laterals Collector system slots 0.3 mm	Filter with nozzle plate Collector system slots 0.5 mm
Top manhole Ø 400		Ø1050 - 2500
Air drain 3/4"		Ø1050 - 2500
Sand drain Ø 200	Ø1050 - 2500	Lateral manhole is recommended
Water drain 3/4"		Ø 1050 - 2500

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Nozzle plate <sup>(1)</sup>	1050 - 2500	2.5
Lateral manhole <sup>(M)</sup>	Ø 225 mm	2.5
	Ø 400 mm	2.5
Sight glass <sup>(S)</sup>	Ø 75 mm	2.5
	Ø 135 mm	2.5
Vinylester. Ozone use <sup>(4)</sup>	1050 - 2500	2.5
Use with salt water <sup>(5)</sup>	1050 - 2500	2.5
Use with drinking water <sup>(6)</sup>	1050 - 2500	2.5

<sup>(1)</sup> Nozzle plate with 0.5 mm slots suitable for air scouring.

<sup>(M)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.

<sup>(S)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
1050	540	270	2060	1480	760	140	3.04	2375
1200	570	350	2060	1480	850	155	3.89	2950
1400	615	400	2200	1520	1085	215	6.27	4000
1600	710	400	2300	1550	1230	255	8.31	5475
1800	725	400	2400	1570	1370	385	10.65	6950
2000	805	400	2400	1570	1560	4265	12.90	8800
2350	950	400	2630	1580	1830	630	16.80	12180
2500	1015	500	2675	1700	1830	860	-	14460

BOBBIN WOUND FILTERS



PRAGA FILTERS



- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- 2 ½" sand discharge outlet.
- Collector arms and optional nozzle plate.

BED DEPTH 1 M.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter <sup>(1)</sup>			Valve manifold Manual, 5-valve code for 1 filter
					2.5 bar	4 bar	6 bar	
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm				
1050	0.87	20	17	63	00687	09209	34830	00769 BS 10
		30-40	25/34	75	00694	00712	34831	00771 BS 10
		50	43	90	00707	00724	34832	00776 BS 10
1200	1.13	20-30	22/33	75	00688	00713	34833	00771 BS 12
		40-50	45/56	90	00702	00719	34834	00776 BS 12
1400	1.54	20	30	75	00689	09210	75815	00771 BS 14
		30	46	90	00696	00714	34837	00776 BS 14
		40	61	110	00703	00720	34838	00780 BS 14
1600	2.01	20	40	90	00690	09211	34839	00776 BS 16
		30-40	60/80	110	00697	00715	34840	00780 BS 16
		50	100	125	00710	00727	75816	00785 BS 16
1800	2.54	20	50	90	00691	09212	34844	00776 BS 18
		30	76	110	00698	00716	34845	00780 BS 18
		40	101	125	00705	00722	34846	00785 BS 18
		50	125	140	00711	00728	75817	00789 BS 18
		50	125	160	33312	31988	75818	09177 BS 18
2000	3.14	20	62	110	00692	09213	34849	00780 BS 20
		30	94	125	00699	00717	34850	00785 BS 20
		40	125	140	00706	00723	34851	00789 BS 20
		50	157	160	05083	05132	75819	09177 BS 20
2200	3.80	30	114	140	56937	57812	57812 PR 06	00789 BS 22
		40	152	160	56938	57813	57813 PR 06	09177 BS 22
2350	4.34	20	87	125	00693	09214	09214 PR 06	00785 BS 23
		30	130	140	00700	09217	09217 PR 06	00789 BS 23
		40	175	160	04935	09220	09220 PR 06	09177 BS 23
2500	4.91	20	100	140	08695	09215	09215 PR 06	00789 BS 25
		30	150	160	08696	09218	09218 PR 06	09177 BS 25
		40	200	200	08697	09221	09221 PR 06	09180 BS 25
3000*	7.07	20	140	160	08699	09216	09216 PR 06	09177 BS 30
		30	212	200	08700	09219	09219 PR 06	09180 BS 30
		40	282	225	08701	09222	09222 PR 06	09185 BS 30

<sup>(1)</sup> The filter code does not include filter media or Valve manifold.

\*Filters with a diameter greater than 2500 require special transport.

Bed depth 1 m

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Optional: Standard American sizes

Other specific heights may be made to order

Coding options according to table on page 158

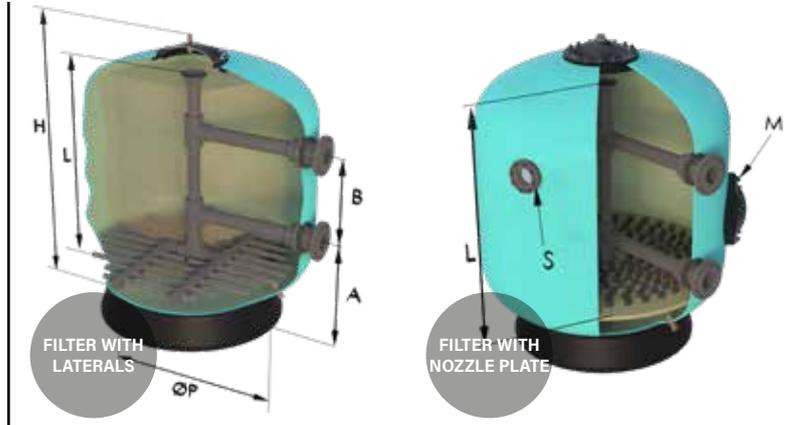
**BOBBIN WOUND FILTERS**

**PRAGA FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 160 and 162



STANDARD EQUIPMENT	Filter with laterals 0.3 mm slots	Filter with nozzle plate 0.5 mm slots
Top manhole Ø 400		Ø 1050 - 3000
Air relief 3/4"	Ø 1050 - 3000	Ø 1050 - 2000
Air relief 2"	-	Ø 2200 - 3000
Sand drain Ø 90	Ø 1050 - 1400	A lateral manhole is recommended
Sand drain Ø 140	Ø 1600 - 3000	
Water drain 3/4"		Ø 1050 - 3000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Nozzle plate <sup>(1)</sup>		2.5 - 4 - 6
Lateral manhole Ø 225 mm <sup>(5)</sup>	1050 - 3000	2.5 - 4 - 6
Lateral manhole Ø 400 mm <sup>(5)</sup>	1050 - 3000	2.5 - 4 - 6
Lateral manhole Ø 500 mm <sup>(5)</sup>	1200 - 3000	2.5 - 4
Mirilla Ø 135 mm <sup>(4)</sup>	1050 - 3000	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>	1050 - 3000	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>	1050 - 3000	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>	1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use	1050 - 3000	2.5 - 4 - 6
Top manhole Ø 500 mm	1200 - 3000	2.5 - 4 - 6
Airscouring connection 2" - DN50 (Filter with nozzle plate)	1050 - 2350	2.5 - 4 - 6
Airscouring connection Ø75 (Filter with nozzle plate)	2500 - 3000	2.5 - 4 - 6

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m <sup>3</sup> )	Weight in service (kg)
1050	540	200	1640	1175	755	155	2.45	2000
1200	570	230	1780	1280	949	25	3.38	2700
1400	585	240	1755	1160	1085	300	4.75	3700
1600	680	260	1835	1235	1230	330	6.13	4900
1800	720	280	1875	1060	1370	400	7.25	6100
2000	790	300	2040	1400	1550	475	9.92	7900
2200	950	340	2440	1450	1830	560	13.9	11200
2350	965	340	2520	1500	1859	630	17.04	12550
2500	1080	340	2550	1500	2000	930	19.5	13760
3000	1100	350	2750	1500	2365	1630	29.0	20200

**BOBBIN WOUND FILTERS**



**VIC FILTERS**



- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Quik top lid 400x 500 mm.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- Lateral sand drain 75 mm.
- Collector arms and optional nozzle plate.



Bed depth 1 m

Maximum pressure:  
2.5 kg/cm<sup>2</sup>.

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Optional:  
Standard American sizes

Coding options according to table on page 158

BED DEPTH 1 M.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter <sup>(1)</sup>	Valve manifold Manual, 5-valve code for 1 filter
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm	2.5 bar	
1050	0.87	20	17	63	11511N	00769 VI 10
		30/40	25/34	75	11517N	00771 VI 10
		50	43	90	11526N	00776 VI 10
1200	1.13	20/30	22/33	75	11512N	00771 VI 12
		40/50	45/56	90	11522N	00776 VI 12
1400	1.54	20	30	75	11513N	00771 VI 14
		30	46	90	11518N	00776 VI 14
		40/50	61/77	110	11523N	00780 VI 14
1600	2.01	20	40	90	11514N	00776 VI 16
		30/40	60/80	110	11519N	00780 VI 16
		50	100	125	11527N	00785 VI 16
1800	2.54	20	50	90	11515N	00776 VI 18
		30	76	110	11520N	00780 VI 18
		40	101	125	11524N	00785 VI 18
		50	125	140	11528N	00789 VI 18
2000	3.14	20	62	110	11516N	00780 VI 20
		30	94	125	11521N	00785 VI 20
		40	125	140	11525N	00789 VI 20
		50	157	160	11529N	09177 VI 20

<sup>(1)</sup> The filter code does not include filter media or Valve manifold

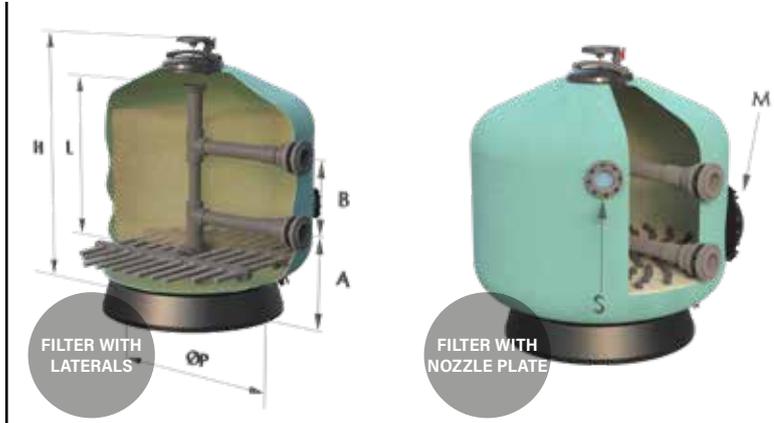
**BOBBIN WOUND FILTERS**

**VIC FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 160 and 162



STANDARD EQUIPMENT	Filter with laterals Collector system 0.3 mm slots	Filter with nozzle plate Collector system 0.5 mm slots
Top manhole oval 400 x 500 mm		Ø 1050 - 2000
Air relief 1"		Ø 1050 - 2000
Water drain 1"		Ø 1050 - 2000
Lateral Sand drain Ø 75		Ø 1050 - 2000

OPTIONS TABLE	Ø (mm)
Nozzle plate <sup>(1)</sup>	1050 - 2000
Lateral manhole Ø 225 mm <sup>(5)</sup>	1050 - 2000
Lateral manhole Ø 400 mm <sup>(5)</sup>	1050 - 2000
Mirilla Ø 135 mm <sup>(M)</sup>	1050 - 2000
Vinylester. Uso con ozono <sup>(4)</sup>	1050 - 2000
Use with salt water <sup>(5)</sup>	1050 - 2000
Use with drinking water <sup>(6)</sup>	1050 - 2000
UV resistant. Outdoor use	1050 - 2000
Air scouring connections 2"	1050 - 2000

<sup>(1)</sup> Nozzle plate with 0.5 mm slots suitable for air scouring.  
<sup>(M)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.  
<sup>(5)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.  
<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.  
<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).  
<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
1050	685	85	1950	1300	760	120	1.9	2000
1200	680	85	1970	1300	860	154	2.7	2700
1400	685	85	2000	1300	1020	173	3.7	3700
1600	695	85	2050	1300	1150	235	5.0	4900
1800	710	85	2080	1300	1320	270	6.4	6100
2000	730	85	2150	1300	1470	295	8.7	7900

FILTRATION

**BOBBIN WOUND FILTERS**



**OSLO FILTERS**



**BED DEPTH FILTER: 1.2 M**

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid cover.
- Suitable for filtration velocity speeds of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- 2 ½" sand discharge outlet.
- Collector arms and optional nozzle plate.



Bed depth 1.2 m

Does not include valve manifold

Optional: Standard American sizes

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Other specific depths may be made to order

Coding options according to table on page 158

**BED DEPTH 1 M.**

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter <sup>(1)</sup>			Valve manifold Manual, 5-valve code for 1 filter
					2.5 bar	4 bar	6 bar	
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm				
1050	0.86	30	25	75	04611	05168	05168 PR 06	00771 BA 10
		40	34	90	04612	05173	05173 PR 06	00776 BA 10
1200	1.13	30	33	75	04613	05169	05169 PR 06	00771 BA 12
		40	45	110	04650	05174	05174 PR 06	00780 BA 12
1400	1.54	30	46	90	04615	07436	07436 PR 06	00776 BA 14
		40	61	125	04616	07437	07437 PR 06	00785 BA 14
1600	2.01	30	60	110	04619	05170	05170 PR 06	00780 BA 16
		40	80	140	04651	05175	05175 PR 06	00789 BA 16
1800	2.54	30	76	125	04623	07438	07438 PR 06	00785 BA 18
		40	101	160	04624	07439	07439 PR 06	09177 BA 18
2000	3.14	30	94	125	04626	05171	05171 PR 06	00785 BA 20
		40	125	160	04652	05176	05176 PR 06	09177 BA 20
2200	3.80	30	114	140	56935	57810	57810 PR 06	00789 BA 22
		40	152	160	56936	57811	57811 PR 06	09177 BA 22
2350	4.34	30	130	140	08693	05172	05172 PR 06	00789 BA 23
		40	175	200	08694	05177	05177 PR 06	09180 BA 23
2500	4.90	30	150	160	08704	08712	08712 PR 06	09177 BA 25
		40	200	225	08706	08714	08714 PR 06	09185 BA 25
3000*	7.07	30	212	200	08708	08716	08716 PR 06	09180 BA 30
		40	282	250	08710	08718	08718 PR 06	19133 BA 30

<sup>(1)</sup> The filter code does not include filter media or Valve manifold

\*Filters with a diameter greater than 2500 require special transport

**BOBBIN WOUND FILTERS**

**OSLO FILTERS**

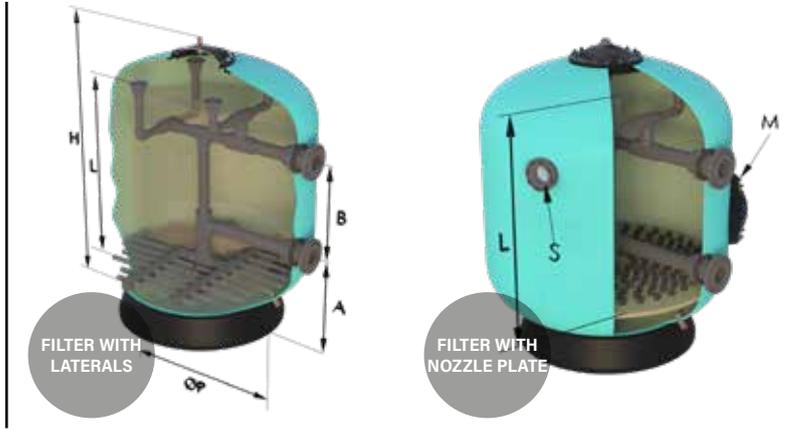


**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 160 and 162



STANDARD EQUIPMENT



FILTER WITH LATERALS

FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT	Filter with laterals Collector system 0.3 mm slots	Filter with nozzle plate Collector system 0.5 mm slots
Top manhole Ø 400		Ø 1050 - 3000
Air relief 3/4"	Ø 1050 - 3000	
Air relief 2"	-	Ø 1050 - 3000
Sand drain Ø 90	Ø 1050 - 1600	Doesn't include a sand drain. A lateral Manhole is recommended.
Sand drain Ø 140	Ø 1800 - 3000	
Water drain 3/4"		Ø 1050 - 3000
Air scouring connections 2" (Nozzle plate filters)	-	Ø 1050 - 2350
Air scouring connection Ø 75 (Nozzle plate filters)	-	Ø 2500 - 3000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Nozzle plate <sup>(1)</sup>	1050 - 3000	2.5 - 4 - 6
Lateral Manhole <sup>(M)</sup>	Ø 225 mm	2.5 - 4 - 6
	Ø 400 mm	2.5 - 4 - 6
	Ø 500 mm	2.5 - 4
Sight Glass <sup>(S)</sup>	Ø 135 mm	2.5 - 4
	Ø 200 mm	2.5 - 4 - 6
Vinylester. Ozone use <sup>(4)</sup>	1050 - 3000	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>	1050 - 3000	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>	1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use	1050 - 3000	2.5 - 4 - 6
Top manhole	Ø 500 mm	2.5 - 4
	Ø 600 mm	2.5 - 4

<sup>(1)</sup> Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.  
<sup>(M)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.  
<sup>(S)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.  
<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°  
<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).  
<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

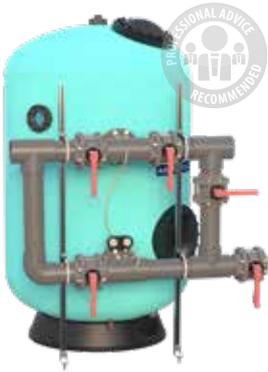
Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight (kg)	Standard Volume (m³)	Weight in service (kg)
1050	650	940	2070	1525	750	207	2.5	2450
1200	670	830	2080	1525	940	234	3.2	3000
1400	680	820	2175	1550	1085	294	4.7	4300
1600	780	800	2310	1600	1230	360	6.2	5825
1800	790	780	2320	1600	1370	416	8.5	7300
2000	790	840	2460	1600	1550	483	10.3	9000
2200	960	700	2580	1650	1860	567	14.8	12500
2350	1065	700	2720	1700	1860	651	15.8	13750
2500	1125	450	2750	1700	2000	820	20.8	14885
3000	1150	600	2950	1700	2365	1300	31	21615

**BOBBIN WOUND FILTERS**



**OLOT FILTERS**

Designed following the guidelines of the standards DIN 19605/19643



- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Ø 400 mm top lid and Ø 400 lateral manhole included.
- All filters can be assembled with valve manifold.
- Nozzle plate included.



Bed depth 1.2 m and 1.5 m

Does not include valve manifold

Other specific heights may be made to order

All ø 3000 mm filters need special shipping

Coding options according to table on page 158

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Bed depth 1.2 m		Bed depth 1.5 m		Valve manifold Manual, 5-valve code for 1 filter
					Code filter <sup>(1)</sup>				
					Bed depth 1.2 m		Bed depth 1.5 m		
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm	2.5 bar	4 bar	2.5 bar	4 bar	
1050	0.87	30	25	110	07355-120	07355-120 PR 04	18227-120	18227-120 PR 04	00780 OL 10
1200	1.13	30	33	125	07356-120	07356-120 PR 04	18228-120	18228-120 PR 04	00785 OL 12
1400	1.54	30	46	140	07447-120	07447-120 PR 04	18229-120	18229-120 PR 04	00789 OL 14
1600	2.01	30	60	160	07357-120	07357-120 PR 04	18230-120	18230-120 PR 04	09177 OL 16
1800	2.54	30	76	200	07448-120	07448-120 PR 04	18231-120	18231-120 PR 04	09180 OL 18
2000	3.14	30	94	225	07358-120	07358-120 PR 04	18232-120	18232-120 PR 04	09185 OL 20
2200	3.80	30	114	225	56934-120	56934-120 PR 04	65547-120	65547-120 PR 04	09185 OL 22
2350	4.34	30	130	250	07359-120	07359-120 PR 04	18233-120	18233-120 PR 04	19133 OL 23
2500	4.91	30	150	250	19335-120	19335-120 PR 04	19337-120	19337-120 PR 04	19133 OL 25
2600	5.31	30	160	250	23969-120	23969-120 PR 04	23971-120	23971-120 PR 04	19133 OL 26
2800	6.16	30	185	250	23970-120	23970-120 PR 04	23972-120	23972-120 PR 04	19133 OL 28
3000	7.07	30	212	250	19336-120	19336-120 PR 04	19338-120	19338-120 PR 04	19133 OL 30

<sup>(1)</sup> The filter code does not include filter media or Valve manifold.

\*Filters with a diameter greater than 2500 require special transport.

BOBBIN WOUND FILTERS

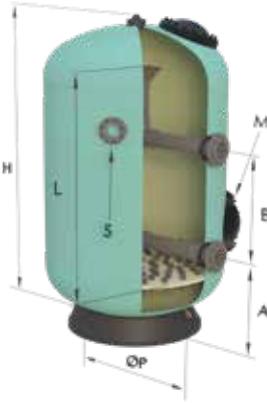
OLOT FILTERS



TECHNICAL FEATURES



STANDARD EQUIPMENT



Filter with nozzle plate

Nozzle plate 0.5 mm Slots	Ø 1050 - 3000
Top manhole Ø 400	Ø 1050 - 3000
Air relief 2" Male thread	Ø 1050 - 1400
Air relief 2" Female thread	Ø 1600 - 3000
Water drain 3/4"	Ø 1050 - 3000
Airscouring connection 2"	Ø 1050 - 1600
Airscouring connection Ø 75	Ø 1800 - 2500
Airscouring connection Ø 90	Ø 2600
Airscouring connection Ø 110	Ø 2800
Airscouring connection Ø 140	Ø 3000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Lateral manhole Ø 500 mm <sup>(M)</sup>	1050 - 3000	2.5 - 4
Sight glass Ø 135 mm <sup>(S)</sup>		
Sight glass Ø 200 mm <sup>(S)</sup>		
Vinylester. Ozone use <sup>(4)</sup>		
Use with salt water <sup>(5)</sup>		
Use with drinking water <sup>(6)</sup>		
UV resistant. Outdoor use		
Top manhole Ø 500 mm		

<sup>(M)</sup> Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.  
<sup>(M)</sup> Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.  
<sup>(S)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the Bed depth. The position for the connections can vary and, by default, it is placed 45° left to the connections.  
<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.  
<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).  
<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H		L		Ø P (mm)	Net Weight kg	Standard Volume m <sup>3</sup>	Weight in service kg
			Bed depth 1.2 m (mm)	Bed depth 1.5 m (mm)	Bed depth 1.2 m (mm)	Bed depth 1.5 m (mm)				
1050	700	1000	2380	2680	1700	2000	730	285	3.21	3000
1200	700	1000	2400	2700			940	385	4.2	3900
1400	830	900	2420	2720			1080	420	5.68	5300
1600	830	950	2520	2820			1230	460	7.69	7150
1800	900	920	2570	2870			1390	515	9.58	8750
2000	950	760	2660	2960			1550	625	12.9	11250
2200	950	750	2690	2990			1860	774	15.3	13130
2350	1050	680	2800	3100			1850	920	17.5	15800
2500	1100	600	2850	3150			2050	1010	25.87	17950
2600	1160	600	2920	3220			2050	1144	26.51	19400
2800	1230	650	3030	3330			2200	1264	30.63	22600
3000	1140	600	2900	3200			2360	1590	32.12	26250

**BOBBIN WOUND FILTERS**



**RODAS 1050 - 1200 FILTERS**



**HORIZONTAL FILTERS**

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 140 mm top lid.
- Ø 400 mm side lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.



Bed depth 0.6 m

Coding options according to table on page 158

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter	
						2.5 bar	4 bar	6 bar		
mm	mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm					
1050	1900	1.72	20	34	75	05102	07124	07124 PR 06	00771 HZ 10	
			30	52	90	05105	07125	07125 PR 06	00776 HZ 10	
			40	69	110	05108	07126	07126 PR 06	00780 HZ 10	
	2300	2.12	20	42	110	11331	11321	11321 PR 06	00780 HZ 10	
			30	64	125	11332	11322	11322 PR 06	00785 HZ 10	
			40	85	140	11333	11323	11323 PR 06	00789 HZ 10	
	2500	2.32	20	46	110	24842	25016	25016 PR 06	00780 HZ 10	
			30	70	125	24843	25017	25017 PR 06	00785 HZ 10	
			40	93	140	24844	25018	25018 PR 06	00789 HZ 10	
	2700	2.51	20	50	110	11334	11326	11326 PR 06	00780 HZ 10	
			30	75	125	11335	11327	11327 PR 06	00785 HZ 10	
			40	100	140	11336	11328	11328 PR 06	00789 HZ 10	
	3000	2.81	20	56	110	22647	22683	22683 PR 06	00780 HZ 10	
			30	84	140	22648	22684	22684 PR 06	00789 HZ 10	
			40	112	160	22649	20895	20895 PR 06	09177 HZ 10	
	1200	1900	1.96	20	39	110	22650	22685	22685 PR 06	09177 HZ 12
				30	59	125	22651	22686	22686 PR 06	00785 HZ 12
				40	79	140	22652	22687	22687 PR 06	00789 HZ 12
2300		2.42	20	3	110	22653	22688	22688 PR 06	09177 HZ 12	
			30	73	140	22654	22689	22689 PR 06	00789 HZ 12	
			40	97	160	22655	20897	20897 PR 06	09177 HZ 12	
2500		2.65	20	53	125	24845	25019	25019 PR 06	00785 HZ 12	
			30	79	140	24846	25020	25020 PR 06	00789 HZ 12	
			40	106	160	24847	25021	25021 PR 06	09177 HZ 12	
2700		2.87	20	57	125	22656	22690	22690 PR 06	00785 HZ 12	
			30	86	140	22657	22691	22691 PR 06	00789 HZ 12	
			40	115	160	22658	20898	20898 PR 06	09177 HZ 12	
3000		3.21	20	64	125	22659	22692	22692 PR 06	00785 HZ 12	
			30	96	140	22660	22693	22693 PR 06	00789 HZ 12	
			40	129	160	22661	20899	20899 PR 06	09177 HZ 12	

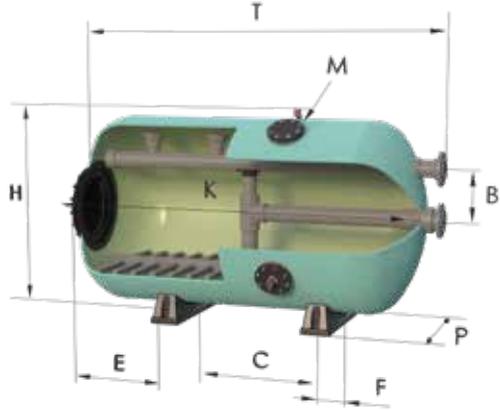
**BOBBIN WOUND FILTERS**

**RODAS 1050 - 1200 FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 161 and 162



**STANDARD EQUIPMENT**

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Sight glass Ø 135 mm <sup>(5)</sup>	1050 - 2500	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>	1050 - 2500	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>	1050 - 2500	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>	1050 - 2500	2.5 - 4 - 6
UV resistant. Outdoor use	1050 - 2500	2.5 - 4 - 6

<sup>(5)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m <sup>3</sup>	Weight in service kg	Net Weight kg
1900	800	190	760	380	2160	2.95	2530	270
2300			1000	460	2560	3.57	3100	330
2500			1120	500	2760	3.88	3380	355
2700			1240	540	2960	4.20	3670	380
3000			1420	600	3260	4.67	4100	420
1900	900	200	760	380	2130	3.08	3220	310
2300			1000	460	2530	3.73	3960	375
2500			1120	500	2750	4.05	4320	410
2700			1240	540	2950	4.38	4690	440
3000			1420	600	3250	4.86	5240	480

**BOBBIN WOUND FILTERS**



**RODAS 1400 - 1600 - 1800 FILTERS**



**HORIZONTAL FILTERS**

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.



Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter	
						2.5 bar	4 bar	6 bar		
mm	mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm					
1400	1900	2.23	20	45	110	24848	25022	25022 PR 06	00780 HZ 14	
			30	67	125	24849	25023	25023 PR 06	00785 HZ 14	
			40	89	140	24850	25024	25024 PR 06	00789 HZ 14	
	2500	3.02	20	60	110	24854	25028	25028 PR 06	00780 HZ 14	
			30	91	140	24855	25029	25029 PR 06	00789 HZ 14	
			40	121	160	24856	25030	25030 PR 06	09177 HZ 14	
	3000	3.67	20	73	125	24860	25034	25034 PR 06	00785 HZ 14	
			30	110	160	24861	25035	25035 PR 06	09177 HZ 14	
			40	147	200	24862	25036	25036 PR 06	09180 HZ 14	
	1600	1900	2.47	20	49	110	22662	22694	22694 PR 06	00780 HZ 16
				30	74	140	22663	22695	22695 PR 06	00789 HZ 16
				40	99	160	22664	20900	20900 PR 06	09177 HZ 16
2500		3.36	20	67	140	24866	25040	25040 PR 06	00789 HZ 16	
			30	101	160	24867	25041	25041 PR 06	09177 HZ 16	
			40	134	200	24868	25042	25042 PR 06	09180 HZ 16	
3000		4.1	20	82	140	22671	22700	22700 PR 06	00789 HZ 16	
			30	123	160	22672	22701	22701 PR 06	09177 HZ 16	
			40	164	200	22673	20903	20903 PR 06	09180 HZ 16	
1800		2500	3.74	20	75	125	24875	25049	25049 PR 06	00785 HZ 18
				30	112	160	24876	25050	25050 PR 06	09177 HZ 18
				40	150	200	24877	25051	25051 PR 06	09180 HZ 18
	3000	4.58	20	92	140	24881	25055	25055 PR 06	00789 HZ 18	
			30	137	160	24882	25056	25056 PR 06	09177 HZ 18	
			40	183	200	24883	25057	25057 PR 06	09180 HZ 18	
	3500	5.41	20	108	140	24887	25061	25061 PR 06	00789 HZ 18	
			30	162	200	24888	25062	25062 PR 06	09180 HZ 18	
			40	216	225	24889	25063	25063 PR 06	09185 HZ 18	
	4000	6.25	20	125	160	24893	25067	25067 PR 06	09177 HZ 18	
			30	187	200	24894	25068	25068 PR 06	09180 HZ 18	
			40	250	225	24895	25069	25069 PR 06	09185 HZ 18	

The filter code does not include filter media or Valve manifold

Bed depth 0.8 and 1 m

Does not include Valve manifold

Coding options according to table on page 158

Optional: Standard American sizes

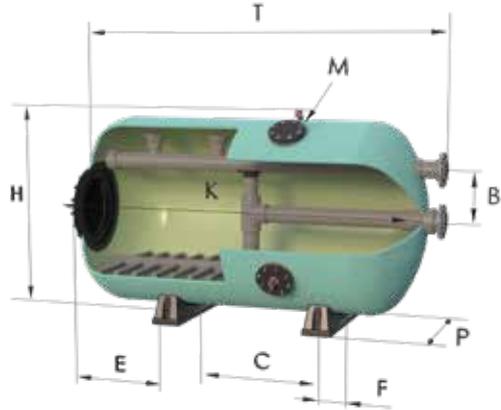
**BOBBIN WOUND FILTERS**

**RODAS 1400 - 1600 - 1800 FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 161 and 162



**STANDARD EQUIPMENT**

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass <sup>(5)</sup>	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>		1050 - 3000	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>		1050 - 3000	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

<sup>(5)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m <sup>3</sup>	Weight in service kg	Net Weight kg
1400	390	1600	1900	1080	210	720	380	2160	4.84	4250	385
			2500			1080	500	2780	6.23	5740	485
			3000			1380	600	3320	7.44	6990	585
1600	475	1830	1900	1230	240	470	475	2220	5.49	5420	450
			2500			1020	500	2820	7.18	7400	570
			3000			1320	600	3360	8.6	9020	685
1800	550	2050	2500	1380	270	1020	380	2820	10.4	9170	680
			3000			1320	460	3320	12.25	11230	805
			3500			1620	500	3850	14.2	13290	930
			4000			1920	540	4350	16	15350	1055

**BOBBIN WOUND FILTERS**



**RODAS 2000 - 2350 FILTERS**



**HORIZONTAL FILTERS**

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter	
						2.5 bar	4 bar	6 bar		
mm	mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm					
2000	2500	4.34	20	87	140	05103	07127	07127 PR 06	00789 HZ 20	
			30	130	160	05106	07128	07128 PR 06	09177 HZ 20	
			40	174	200	05109	07129	07129 PR 06	09180 HZ 20	
	3000	5.3	20	106	140	24899	25073	25073 PR 06	00789 HZ 20	
			30	159	160	24900	25074	25074 PR 06	09177 HZ 20	
			40	212	200	24901	25075	25075 PR 06	09180 HZ 20	
	3500	6.25	20	125	160	05104	07130	07130 PR 06	09177 HZ 20	
			30	187	200	05107	07131	07131 PR 06	09180 HZ 20	
			40	250	225	05110	07132	07132 PR 06	09185 HZ 20	
		4000	7.21	20	144	160	24908	25082	25082 PR 06	09177 HZ 20
				30	216	200	24909	25083	25083 PR 06	09180 HZ 20
				40	288	225	24910	25084	25084 PR 06	09185 HZ 20
	4500	8.16	20	163	200	24914	25088	25088 PR 06	09180 HZ 20	
			30	245	225	24915	25089	25089 PR 06	09185 HZ 20	
			40	326	250	24916	25090	25090 PR 06	19133 HZ 20	
	2350	3000	5.94	20	119	160	24917	25091	25091 PR 06	09177 HZ 23
				30	178	200	24918	25092	25092 PR 06	09180 HZ 23
				40	238	225	24919	25093	25093 PR 06	09185 HZ 23
3500		7.06	20	141	160	17120	22702	22702 PR 06	09177 HZ 23	
			30	212	200	16696	22703	22703 PR 06	09180 HZ 23	
			40	282	225	17121	22704	22704 PR 06	09185 HZ 23	
4000		8.17	20	163	200	24926	25100	25100 PR 06	09180 HZ 23	
			30	245	225	24927	25101	25101 PR 06	09185 HZ 23	
			40	327	250	24928	25102	25102 PR 06	19133 HZ 23	
4500		9.28	20	186	200	22674	22705	22705 PR 06	09180 HZ 23	
			30	279	225	22675	22706	22706 PR 06	09185 HZ 23	
			40	371	250	22676	22707	22707 PR 06	19133 HZ 23	
5000		10.4	20	208	200	24935	25109	25109 PR 06	09180 HZ 23	
			30	312	250	24936	25110	25110 PR 06	19133 HZ 23	
			40	416	315	24937	25111	25111 PR 06	-	

Bed depth 1.2 m

Does not include Valve manifold

Coding options according to table on page 158

Optional: Standard American sizes

<sup>(1)</sup> The filter code does not include filter media or Valve manifold

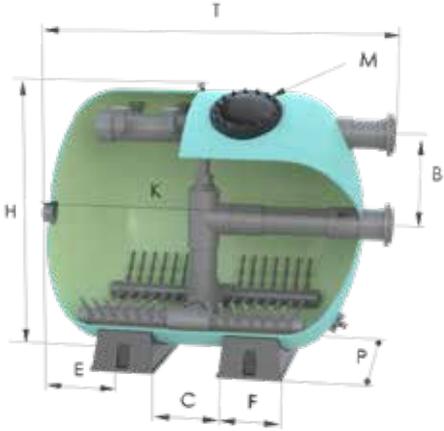
**BOBBIN WOUND FILTERS**

**RODAS 2000 - 2350 FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 161 and 162



**STANDARD EQUIPMENT**

Laterals 0.3 mm slots		Ø 1050 - 2500
Lateral manhole Ø 400		Ø 1050 - 1200
Top manhole Ø 400		Ø 1400 - 2500
Top manhole Ø 140		Ø 1050 - 1200
Air relief 3/4"		Ø 1050 - 2500
Sand drain Ø 140		Ø 1050 - 2500
Water drain 3/4"		Ø 1050 - 2500

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass <sup>(5)</sup>	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>		1050 - 3000	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>		1050 - 3000	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

<sup>(5)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m <sup>3</sup>	Weight in service kg	Net Weight kg
2000	710	2220	2500	1470	500	500	500	2820	13.2	11300	795
			3000			810	600	3320	15.65	13790	945
			3500			1070	725	3850	18.1	16280	1100
			4000			650	600	4350	20.55	18780	1260
			4500			795	600	4880	23	21380	1420
2350	710	2560	3000	1740	500	800	600	3350	20.25	18300	1150
			3500			1100	700	3850	23	21790	1300
			4000			650	600	4380	25.75	25280	1450
			4500			820	700	4880	28.5	28880	1600
			5000			600	600	5440	32.25	32380	1750

BOBBIN WOUND FILTERS



RODAS 2500 FILTERS



General features:

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.



	Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter
							2.5 bar	4 bar	6 bar	
	mm	mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm				
Bed depth 1.2 m	3500	7.34		20	149	160	24938	25112	25112 PR 06	09177 HZ 25
				30	223	200	24939	25113	25113 PR 06	09180 HZ 25
				40	297	225	24940	25114	25114 PR 06	09185 HZ 25
Does not include Valve manifold	2500	4000	8.62	20	172	200	22677	22708	22708 PR 06	09180 HZ 25
				30	258	225	22678	22709	22709 PR 06	09185 HZ 25
				40	345	250	22679	22710	22710 PR 06	19133 HZ 25
Coding options according to table on page 158	2500	4500	9.80	20	196	200	24947	25121	25121 PR 06	09180 HZ 25
				30	294	250	24948	25122	25122 PR 06	19133 HZ 25
				40	392	315	24949	25123	25123 PR 06	-
Optional: Standard American sizes	2500	5000	10.98	20	220	200	22680	22711	22711 PR 06	09180 HZ 25
				30	329	250	22681	22712	22712 PR 06	19133 HZ 25
				40	439	315	22682	22713	22713 PR 06	-

<sup>(1)</sup> The filter code does not include filter media or Valve manifold

Large filters of more than 3000 mm will be shipped by special delivery. Ask your dealer about additional costs.

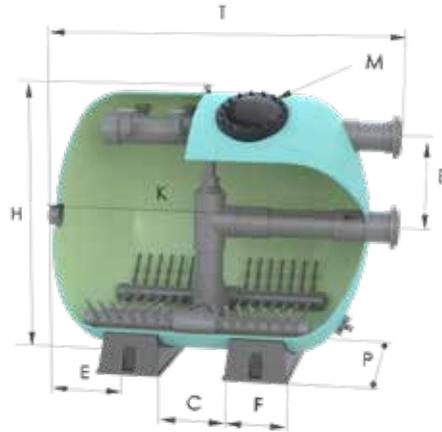
**BOBBIN WOUND FILTERS**

**RODAS 2500 FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 161 and 162



**STANDARD EQUIPMENT**

**Filter with laterals**

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

**OPTIONS TABLE**

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass <sup>(3)</sup>	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use <sup>(4)</sup>		1050 - 3000	2.5 - 4 - 6
Use with salt water <sup>(5)</sup>		1050 - 3000	2.5 - 4 - 6
Use with drinking water <sup>(6)</sup>		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

<sup>(3)</sup> More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

<sup>(4)</sup> Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

<sup>(5)</sup> Maximum allowed concentration of salt 45 gr/l (seawater).

<sup>(6)</sup> A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m <sup>3</sup>	Weight in service kg	Net Weight kg
2500	710	2710	3500	1850	500	960	770	3850	28	24320	1505
			4000			500	4380	31.8	28250	1670	
			4500			750	4940	35.55	32300	1835	
			5000			500	5440	39.3	36230	2000	

BOBBIN WOUND FILTERS



BERLIN FILTERS



- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid cover.
- Suitable for filtration velocity of 20, 30, 40 and 50 m<sup>3</sup>/h/m<sup>2</sup>.
- All filters can be assembled with valve manifold.
- Collector arms.



Coding options according to table on page 158

Optional: Standard American sizes

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter		Valve manifold Manual, 5-valve code for 1 filter
					2.5 bar	4 bar	
mm	m <sup>2</sup>	m <sup>3</sup> /h/m <sup>2</sup>	m <sup>3</sup> /h	mm			
1050	0.87	50	43	Ø75	00545	07134	00771 BB 10
1200	1.13	50	56	Ø90	00546	07135	00776 BB 12

<sup>(1)</sup> The filter code does not include filter media or Valve manifold

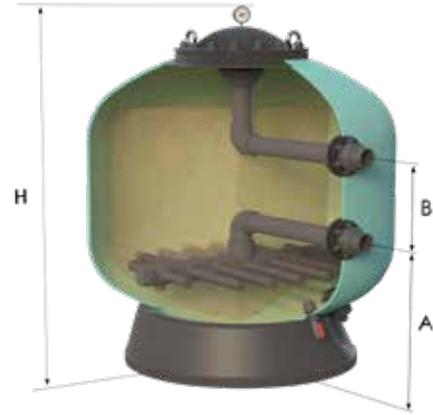
**BOBBIN WOUND FILTERS**

**BERLIN FILTERS**



**TECHNICAL FEATURES**

Filter Media Loads and Valve manifold options on pages 160 and 162



**STANDARD EQUIPMENT**

**Filter with laterals**

Top manhole Ø 400	1050 - 1200
Air relief 3/4"	1050 - 1200
Sand drain 2 ½"	1050 - 1200
Water drain 2 ½"	1050 - 1200

Ø (mm)	Ø Outlet (mm)	A (mm)	B (mm)	H (mm)	Net Weight kg	Standard Volume m <sup>3</sup>
1050	Ø75	500	310	1300	100	1.92
1200	Ø90	550	310	1450	130	2.70

# CODING

The filter code is composed of eight digits. The first five digits correspond to the filter code and the last three digits correspond to the model – this information is given in the tables below.

This codification system is used for the Praga, Oslo, Olot, Rodas, Vic, Europe, Vesubio and Delta filters.



Position 1 to 5: Five digit code of the standard product.

Position 6 Specifies the nozzle plate and vinylester options	
0	Filter without nozzle plate
1	Filter with nozzle plate
2	Vinylester finish
3	With plate and vinylester
4	1" double effect priming valve kit
5	1" double effect priming valve kit + plate
6	1" double effect priming valve kit + plate and vinylester
7	2" double effect priming valve kit
8	2" double effect priming valve kit + plate
9	2" double effect priming valve kit + plate and vinylester

Position 7 Specifies side opening options	
0	Without manhole
1	1 Ø 225 mm manhole
2	1 Ø 400 mm manhole
3	2 Ø 225 mm manholes
4	2 Ø 400 mm manholes
5	1 Ø 500 mm manhole
6	1 Ø 600 mm manhole

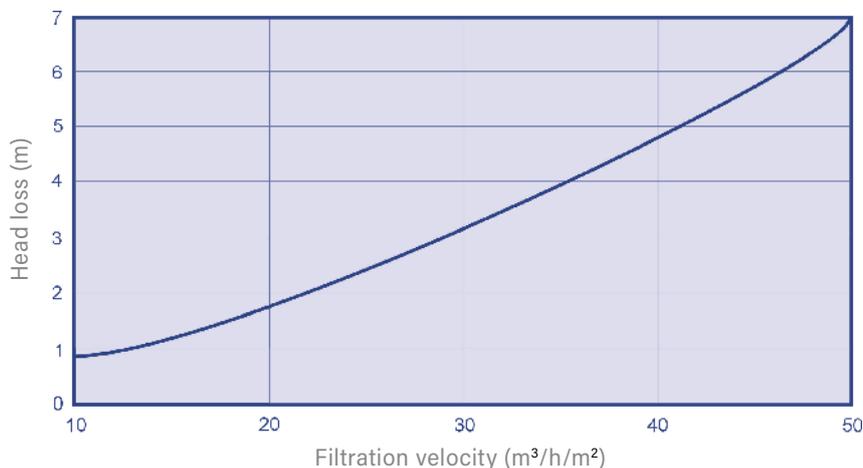
Position 8 Specifies sightglass options	
0	Without sightglasses
1	1 sightglass for laminated filter
2	1 Ø 135 mm sightglass
3	2 sightglasses for laminated filter
4	2 sightglasses Ø 135
5	1 sightglass Ø 200mm
6	1 sightglass DIN 50x300mm
7	2 sightglasses DIN 50x300mm

Notes: Rodas filters with nozzle plates are not available.  
 Ø 500 mm side opening for filters as of Ø 1050 mm.  
 Maximum vinylester option of 0.5 ppm.

- Please enquire pricing for various options:
- Vinylester finish
  - Ø 225 mm and Ø 400 mm manhole
  - Sightglass
  - Plate

# HEAD LOSS CURVE

Filters from Ø 1050 mm to Ø 3000 mm



**FILTER MEDIA**

**VERTICAL FILTER MEDIA**



**Apparent Density (kg/m<sup>3</sup>)**

Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

Model	Media (m <sup>3</sup> )	Ø D (mm)						
		500	650	800	950	1000	1200	
ARTIC	single-layer	Sand 0.4-0.8	225	380	530	830	1015	1360
		Gravel 1-2	50	100	165	260	320	410
	glass media	Grade 1 glass	150	275	375	600	750	1000
		Grade 2 glass	50	75	125	200	250	325
		Grade 3 glass	50	100	150	225	275	350
ARTIC PLUS	single-layer	Sand 0.4-0.8		470	660	1015	1240	1665
		Gravel 1-2		100	165	260	320	410
	glass media	Grade 1 glass		325	475	725	875	1175
		Grade 2 glass		100	150	225	275	375
		Grade 3 glass		125	150	250	300	400
DELTA 1000	single-layer	Sand 0.4-0.8	245	400	640		990	1425
		Gravel 1-2	60	85	156		300	350
	glass media	Grade 1 glass	175	275	450		725	1000
		Grade 2 glass	50	75	150		225	325
		Grade 3 glass	75	100	150		250	350
DELTA 1200	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		85	156		300	350
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		100	175		275	375
		Grade 3 glass		100	175		300	400
DELTA 1000 NOZZLE PLATE	single-layer	Sand 0.4-0.8		400	640		990	1425
		Gravel 1-2		45	80		120	175
	glass media	Grade 1 glass		275	450		725	1000
		Grade 2 glass		75	100		125	225
		Grade 3 glass		75	100		150	225
DELTA 1200 NOZZLE PLATE	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		45	80		300	175
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
NORMA	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		45	80		300	175
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
	multi-layer	Anthracite 0.8-1.6		120	200		315	450
		Sand 0.4-0.8		160	270		420	610
Gravel 1-2			90	150		240	350	
BEGUR (NORMA DIN)	single-layer	Sand 0.4-0.8		535	815		1270	1830
		Gravel 1-2		50	80		120	175
	glass media	Grade 1 glass		350	550		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
	multi-layer	Anthracite 0.8-1.6		160	240		375	540
		Sand 0.4-0.8		270	410		635	915
		Gravel 1-2		100	160		240	350

Recommended weights. It can vary depending on the density of the product.

# VERTICAL FILTER MEDIA

Apparent Density (kg/m<sup>3</sup>)

Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

Model	Media (m <sup>3</sup> )	Ø D (mm)												
		1050	1200	1400	1600	1800	2000	2200	2350	2500	2600	2800	3000	
BERLIN 1.2 m bed depth collector arms	single-layer	Sand 0.4-0.8	575	800										
		Gravel 1-2	300	325										
	glass media	Grade 1 glass	500	700										
		Grade 2 glass	275	300										
VESUBIO 1 m bed depth collector arms	single-layer	Sand 0.4-0.8	1125	1350	1850	2723	3175	3650						
		Gravel 1-2	175	275	350	450	550	675						
	glass media	Grade 1 glass	650	775	1075	1575	1850	2125						
		Grade 2 glass	325	400	550	800	925	1075						
EUROPA, PRAGA, VIC 1 m bed depth collector arms	single-layer	Sand 0.4-0.8	950	1375	1650	2150	2800	3800	4650	5275	6000			8600
		Gravel 1-2	300	325	450	675	750	1050	1800	1900	2200			3300
	glass media	Grade 1 glass	550	800	975	1250	1625	2225	2725	2075	3500			5025
		Grade 2 glass	275	400	475	625	825	1100	1350	1550	1750			2500
EUROPA, OSLO 1.2 m bed depth collector arms	single-layer	Sand 0.4-0.8	1300	1775	2300	3000	3800	4650	5625	6300	7075			10575
		Gravel 1-2	300	350	500	775	850	1150	1400	1800	1975			3850
	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450			3550
		Sand 0.4-0.8	700	800	1025	1375	1750	2125	2550	2925	3350			4825
	glass media	Gravel 1-2	300	350	500	775	850	1150	1400	1800	1975			3850
		Grade 1 glass	1700	2325	3025	3950	5000	6100	7375	8275	9275			13875
	Grade 2 glass	375	525	675	875	1100	1350	1650	1850	2050			3100	
		Grade 3 glass	275	300	450	675	750	1000	1225	1575	1725			3375
EUROPA, PRAGA, VIC 1 m bed depth nozzle plate	single-layer	Sand 0.4-0.8	950	1375	1650	2150	2800	3800	4650	5275	6000			8600
		Gravel 1-2	150	175	250	300	400	500	600	675	775			1100
	glass media	Grade 1 glass	650	900	1100	1425	1875	2500	3075	3475	3950			5675
		Grade 2 glass	325	450	550	725	925	1250	1525	1750	1975			2825
EUROPA, OSLO, OLOT 1.2 m bed depth nozzle plate	single-layer	Sand 0.4-0.8	1300	1775	2300	3000	3800	4650	5625	6300	7075	8175	9500	10575
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450	2550	2950	3550
		Sand 0.4-0.8	700	800	1025	1375	1750	2125	2550	2925	3350	3700	4300	4825
	glass media	Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
		Grade 1 glass	850	1150	1475	1925	2450	3000	3625	4075	4575			6800
OLOT 1.5 m bed depth nozzle plate	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450	2550	2950	3550
		Sand 0.4-0.8	725	950	1250	1650	2100	2550	3100	3525	4025	4450	5175	2775
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
		Gravel 2-3	150	175	250	300	400	500	600	675	775	800	925	1100
BLANES (EUROPA DIN)	single-layer	Sand 0.4-0.8			2500	3250	4125	5100						
		Gravel 1-2			250	300	400	475						
	glass media	Grade 1 glass												
		Grade 2 glass												
		Grade 3 glass												
	multi-layer	Anthracite 0.8-1.6			600	775	975	1200						
Sand 0.4-0.8				1250	1650	2100	2550							
Gravel 1-2			475	625	800	975								

Recommended weights. It can vary depending on the density of the product.

**FILTER MEDIA**

**HORIZONTAL FILTER MEDIA**



**Apparent Density (kg/m<sup>3</sup>)**

Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

Model	Media (m <sup>3</sup> )	Ø D (mm)										
		1900	2300	2500	2700	3000	3500	4000	4500	5000		
1050	single-layer	Sand 0.4-0.8	950	1250	1525	1800	2025					
		Gravel 1-2	350	475	575	700	775					
	glass media	Grade 1 glass	625	825	1000	1175	1325					
		Grade 2 glass	200	275	325	400	450					
		Grade 3 glass	300	425	500	625	675					
1200	single-layer	Sand 0.4-0.8	1100	1425	1750	2075	2325					
		Gravel 1-2	425	550	700	825	925					
	glass media	Grade 1 glass	725	925	1150	1350	1525					
		Grade 2 glass	250	300	375	450	500					
		Grade 3 glass	375	475	625	725	800					
1400	single-layer	Sand 0.4-0.8	2100		2825		3450					
		Gravel 1-2	575		800		1000					
	glass media	Grade 1 glass	1375		1850		2250					
		Grade 2 glass	450		625		750					
		Grade 3 glass	500		700		875					
1600	single-layer	Sand 0.4-0.8	2850		3875		4750					
		Gravel 1-2	600		850		1050					
	glass media	Grade 1 glass	1875		2550		3100					
		Grade 2 glass	625		850		1050					
		Grade 3 glass	700		975		1200					
1800	single-layer	Sand 0.4-0.8			4850		5925	7000	8075			
		Gravel 1-2			975		1225	1475	1700			
	glass media	Grade 1 glass			3175		3875	4600	5300			
		Grade 2 glass			1050		1300	1525	1750			
		Grade 3 glass			850		1075	1300	1500			
2000	single-layer	Sand 0.4-0.8			6575		8025	9475	10925	12375	13825	
		Gravel 1-2			1050		1300	1550	1800	2075	2350	
	glass media	Grade 1 glass			4325		5275	6225	7175	8125	9075	
		Grade 2 glass			1450		1750	2075	2400	2700	3024	
		Grade 3 glass			925		1150	1350	1575	1825	2050	
2350	single-layer	Sand 0.4-0.8					9300	11050	12800	14525	16250	
		Gravel 1-2					2575	3125	3650	4200	4750	
	glass media	Grade 1 glass					6100	7250	8400	9525	10675	
		Grade 2 glass					2025	2425	2800	3175	3550	
		Grade 3 glass					2250	2750	3200	3675	4150	
2500	single-layer	Sand 0.4-0.8						11675	13500	15350	17200	
		Gravel 1-2						3175	3725	4300	4850	
	glass media	Grade 1 glass							7650	8850	10075	11275
		Grade 2 glass							2550	2950	3350	3750
		Grade 3 glass							2775	3250	3775	4250

Recommended weights. It can vary depending on the density of the product.

# VALVES MANIFOLD

## Manual Manifold. 5 Butterfly Valves

### Split-up



- Butterfly valve.
- Regulable opening every 15° with position holding.
- One piece body in PVC-U.
- Fixed in the set with galvanized steel screws.
- Standard flanges DIN 2501.

## Electric Manifold. 5 Butterfly Valves

### Split-up



- Butterfly valve with electric actuator J+J 80-240V.
- Electronic torque control, with limitation of maximum torque.
- Anti-condensation heating resistor.
- Automatic / manual lever, with manual override.
- Open and closed volt free contacts.
- Indicator LED operating / error.
- Enclosure in anticorrosive polyamide.
- Standard flanges DIN 2501.
- Fixed in the set with galvanized steel screws.

## Pneumatic Manifold. 5 Butterfly Valves

### Split-up



- Butterfly valve with pneumatic actuator CH-air with limit switch box.
- Rack and pinion drive.
- Valve position visualization.
- NAMUR connection that allows the assembly of the solenoid valve.
- Final position regulation in the actuator (+/- 5°).
- Fixed in the set with galvanized steel screws.
- Standard flanges DIN 2501.

## Installation details

### Tightening torques (Installation)

D (mm)	63	75	90	110	125 - 140	160	200 - 225	250 - 280	315
DN (mm)	50	65	80	100	125	150	200	250	300
Screws	4xM16x120	4xM16x120	4xM16x150	4xM16x160	4xM16x170	4xM20x200	4xM20x210	4xM20x270	4xM20x310
(N.m)	25	25	25	30	35	40	50	80	80

# VALVES MANIFOLD CODIFICATION

## Ø OUTLET + MODEL + Ø FILTER

### CODING EXAMPLES FOR 1 FILTER

-5 valves, manual. Olot filter Ø1200-125 00785 OL 12

### CODING EXAMPLES FOR 2 FILTERS

-5 valves, manual 2 filters Prague Ø1600-125 09180 2BS 516

In this case, it's necessary to search the equivalent outlet for two filters with Ø125 according to the filtration speed. For this example, the speed is 50 (indicated by a 5 at the beginning of the last two digits) and the outlet is Ø200. The number of filters is indicated in front of the filter model, in this case, 2.

### Model Filter

Model	Code
Berlin	BB
Praga	BS
Vic	VI
Oslo	BA
Olot	OL
Europe	EU
Vesubio	VO
Rodas	HZ

### Ø Filter

Model	Code
1050	10
1200	12
1400	14
1600	16
1800	18
2000	20
2350	23
2500	25
2600	26
2800	28
3000	30

## Ø Outlet

### Manual Manifolds - 4 Valves

63	00747	Manual Manifold 4 Val. D. 63
75	00749	Manual Manifold 4 Val. D. 75
90	00754	Manual Manifold 4 Val. D. 90
110	00758	Manual Manifold 4 Val. D. 110
125	00763	Manual Manifold 4 Val. D. 125
140	00767	Manual Manifold 4 Val. D. 140
160	09205	Manual Manifold 4 Val. D. 160
200	09160	Manual Manifold 4 Val. D. 200
225	09164	Manual Manifold 4 Val. D. 225
250	26244	Manual Manifold 4 Val. D. 250

### Electric Manifolds - 4 Valves

63	00747E	Electric Manifold 4 Val. D. 63
75	00749E	Electric Manifold 4 Val. D. 75
90	00754E	Electric Manifold 4 Val. D. 90
110	00758E	Electric Manifold 4 Val. D. 110
125	00763E	Electric Manifold 4 Val. D. 125
140	00767E	Electric Manifold 4 Val. D. 140
160	09205E	Electric Manifold 4 Val. D. 160
200	09160E	Electric Manifold 4 Val. D. 200
225	09164E	Electric Manifold 4 Val. D. 225
250	26244E	Electric Manifold 4 Val. D. 250

### Pneumatic manifolds - 4 Valves

63	00747N	Pneumatic Manifold 4 Val. D. 63
75	00749N	Pneumatic Manifold 4 Val. D. 75
90	00754N	Pneumatic Manifold 4 Val. D. 90
110	00758N	Pneumatic Manifold 4 Val. D. 110
125	00763N	Pneumatic Manifold 4 Val. D. 125
140	00767N	Pneumatic Manifold 4 Val. D. 140
160	09205N	Pneumatic Manifold 4 Val. D. 160
200	09160N	Pneumatic Manifold 4 Val. D. 200
225	09164N	Pneumatic Manifold 4 Val. D. 225
250	26244N	Pneumatic Manifold 4 Val. D. 250

### Manual Manifolds - 5 Valves

63	00769	Manual Manifold 5 Val. D. 63
75	00771	Manual Manifold 5 Val. D. 75
90	00776	Manual Manifold 5 Val. D. 90
110	00780	Manual Manifold 5 Val. D. 110
125	00785	Manual Manifold 5 Val. D. 125
140	00789	Manual Manifold 5 Val. D. 140
160	09177	Manual Manifold 5 Val. D. 160
200	09180	Manual Manifold 5 Val. D. 200
225	09185	Manual Manifold 5 Val. D. 225
250	19133	Manual Manifold 5 Val. D. 250

### Electric Manifolds - 5 Valves

63	00769E	Electric Manifold 5 Val. D. 63
75	00771E	Electric Manifold 5 Val. D. 75
90	00776E	Electric Manifold 5 Val. D. 90
110	00780E	Electric Manifold 5 Val. D. 110
125	00785E	Electric Manifold 5 Val. D. 125
140	00789E	Electric Manifold 5 Val. D. 140
160	09177E	Electric Manifold 5 Val. D. 160
200	09180E	Electric Manifold 5 Val. D. 200
225	09185E	Electric Manifold 5 Val. D. 225
250	19133E	Electric Manifold 5 Val. D. 250

### Pneumatic manifolds - 5 Valves

63	00769N	Pneumatic Manifold 5 Val. D. 63
75	00771N	Pneumatic Manifold 5 Val. D. 75
90	00776N	Pneumatic Manifold 5 Val. D. 90
110	00780N	Pneumatic Manifold 5 Val. D. 110
125	00785N	Pneumatic Manifold 5 Val. D. 125
140	00789N	Pneumatic Manifold 5 Val. D. 140
160	09177N	Pneumatic Manifold 5 Val. D. 160
200	09180N	Pneumatic Manifold 5 Val. D. 200
225	09185N	Pneumatic Manifold 5 Val. D. 225
250	19133N	Pneumatic Manifold 5 Val. D. 250

REGENERATIVE MEDIA FILTERS



### FMR Regenerative media filters

FMR regenerative filters are based on a regenerative filtration system designed for efficient and sustainable water purification in public swimming pools. The water filtration system uses perlite as filter media, filtering capacity down to 1 micron and with a low water requirement for backwashing.

**The FMR filters are composed of:**

- Cylinder and inner collector body made of stainless steel AISI-316.
- Electric vibrator for regeneration.
- Vortex candle cleaning system. (NEW IN 2024)
- Perlite suction system.
- Pressure gauge panel to display the pressure.

**Complementary options:**

- MANUAL basic control panel.
- AUTOMATIC BYPASS basic control panel.
- Monitored control panel (PRO FMR CONTROL PANEL).
- Control panel monitored with VFD (PRO VFD FMR CONTROL PANEL).
- MANUAL bypass kit.
- AUTOMATIC bypass kit (allows regeneration without stopping recirculation).
- Bypass kit AUT. PRO (Non-stop regeneration of recirculation and sensor monitoring)
- **Optional pre-layer perlite kit (consult)**

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
REGENERATIVE MEDIA FILTER FMR AISI-316 HI450 D.90mm 7,3m <sup>2</sup> 2,5KG	442101	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI600 D.110mm 14m <sup>2</sup> 5KG	442102	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI600L D.125mm 18m <sup>2</sup> 6KG	442103	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI800 D.160mm 25m <sup>2</sup> 9KG	442104	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI800L D.200mm 33m <sup>2</sup> 12KG	442105	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1000 D.225mm 41m <sup>2</sup> 15KG	442106	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1000L D.250mm 53m <sup>2</sup> 19KG	442107	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1200 D.250mm 58m <sup>2</sup> 20KG	442108	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1200L D.315mm 75m <sup>2</sup> 27KG	442109	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1400 D.315mm 81m <sup>2</sup> 28KG	442110	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1400L D.315mm 105m <sup>2</sup> 37KG	442111	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1600 D.315mm 105m <sup>2</sup> 37KG	442112	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1600L D.400mm 136m <sup>2</sup> 48KG	442113	-	-	-

### MANUAL KIT BYPASS



The manual bypass allows any filter maintenance operation to be carried out without interrupting recirculation. It allows backwashing by manoeuvring the valves.

It is delivered assembled and glued with made-to-measure piping ready to be assembled with the filter.

**The manual valve battery includes (KIT BYPASS MANUAL):**

- Tees, flanges, tubing, screws and gaskets. And the assembly ready to assemble with the filter.
- 3 manual butterfly valves.
- Fittings for connection of inlet and outlet pressure gauges.
- Check valve inlet to filter.
- Valve battery support

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
KIT BYPASS MANUAL DN90, FMR HI450	452001	-	-	-
KIT BYPASS MANUAL DN110, FMR HI600	452002	-	-	-
KIT BYPASS MANUAL DN125, FMR HI600L	452003	-	-	-
KIT BYPASS MANUAL DN160, FMR HI800	452004	-	-	-
KIT BYPASS MANUAL DN200, FMR HI800L	452005	-	-	-
KIT BYPASS MANUAL DN225, FMR HI1000	452006	-	-	-
KIT BYPASS MANUAL DN250, FMR HI1000L	452007	-	-	-
KIT BYPASS MANUAL DN250, FMR HI1200	452008	-	-	-
KIT BYPASS MANUAL DN315, FMR HI1200L	452009	-	-	-
KIT BYPASS MANUAL DN315, FMR HI1400	452010	-	-	-
KIT BYPASS MANUAL DN315, FMR HI1400L	452011	-	-	-
KIT BYPASS MANUAL DN315, FMR HI1600	452012	-	-	-
KIT BYPASS MANUAL DN400, FMR HI1600L	452013	-	-	-

REGENERATIVE MEDIA FILTERS

## AUTOMATIC KIT BYPASS



The automatic bypass allows any maintenance operation to be carried out on the filter without interrupting recirculation. It allows automatic backwashing.

When regenerating, it does not interrupt recirculation, as the bypass is activated automatically.

It is delivered assembled and glued with made-to-measure piping ready to be assembled with the filter.

The automatic valves have a pneumatic actuator, so an air compressor is required.

**The automatic valve battery includes (BYPASS AUTOMATIC KIT):**

- Tees, flanges, tubing, screws and gaskets.
- 3 automatic valves with pneumatic actuator and 24V solenoid.
- Fittings for connection of inlet and outlet pressure gauges.
- Check valve inlet to filter.
- Valve battery support

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
KIT BYPASS AUT NEUMATIC DN90, FMR HI-450	452101	-	-	-
KIT BYPASS AUTO NEUMATIC DN110, FMR HI-600	452102	-	-	-
KIT BYPASS AUTO NEUMATIC DN125, FMR HI-600L	452103	-	-	-
KIT BYPASS AUTO NEUMATIC DN160, FMR HI-800	452104	-	-	-
KIT BYPASS AUTO NEUMATIC DN200, FMR HI-800L	452105	-	-	-
KIT BYPASS AUTO NEUMATIC DN225, FMR HI-1000	452106	-	-	-
KIT BYPASS AUTO NEUMATIC DN250, FMR HI-1000L	452107	-	-	-
KIT BYPASS AUTO NEUMATIC DN250, FMR HI-1200	452108	-	-	-
KIT BYPASS AUTO NEUMATIC DN315, FMR HI-1200L	452108	-	-	-
KIT BYPASS AUTO NEUMATIC DN315, FMR HI-1400	452110	-	-	-
KIT BYPASS AUTO NEUMATIC DN315, FMR HI-1400L	452111	-	-	-
KIT BYPASS AUTO NEUMATIC DN315, FMR HI-1600	452112	-	-	-
KIT BYPASS AUTO NEUMATIC DN400, FMR HI-1600L	452113	-	-	-

## AUTOMATIC PRO KIT BYPASS



(Based on BYPASS AUT KIT, including pressure sensors and recirculation flow sensor for PRO FMR CONTROL PANEL).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
KIT BYPASS PRO AUT NEUM DN90, FMR HI-450	452201	-	-	-
KIT BYPASS PRO AUT NEUM DN110, FMR HI-600	452202	-	-	-
KIT BYPASS PRO AUT NEUM DN125, FMR HI-600L	452203	-	-	-
KIT BYPASS PRO AUT NEUM DN160, FMR HI-800	452204	-	-	-
KIT BYPASS PRO AUT NEUM DN200, FMR HI-800L	452205	-	-	-
KIT BYPASS PRO AUT NEUM DN225, FMR HI-1000	452206	-	-	-
KIT BYPASS PRO AUT NEUM DN250, FMR HI-1000L	452207	-	-	-
KIT BYPASS PRO AUT NEUM DN250, FMR HI-1200	452208	-	-	-
KIT BYPASS PRO AUT NEUM DN315, FMR HI-1200L	452209	-	-	-
KIT BYPASS PRO AUT NEUM DN315, FMR HI-1400	452210	-	-	-
KIT BYPASS PRO AUT NEUM DN315, FMR HI-1400L	452211	-	-	-
KIT BYPASS PRO AUT NEUM DN315, FMR HI-1600	452212	-	-	-
KIT BYPASS PRO AUT NEUM DN400, FMR HI-1600L	452213	-	-	-

REGENERATIVE MEDIA FILTERS



## BASIC FMR CONTROL PANEL



The filter regeneration control panel BASIC FMR CONTROL PANEL consists of a basic control panel and PLC for automatic filter regeneration.

Manual model: The filter regeneration is pre-programmed every 4 hours. At the moment of regeneration, the recirculation of the pool will be automatically interrupted for the pre-programmed 10 minutes.

**The basic manual panel includes:**

- Cabinet mounted (panel).
- Selectors, pushbuttons and operation indicator lights.
- Automaton for regeneration control and filter management.
- Relay for interrupting the pumps of the external pump panel.

Automatic model: Filter regeneration is pre-programmed every 4 hours. At the time of regeneration, it will automatically activate the automatic bypass (essential element not included) and will not interrupt the recirculation of the pool for the pre-programmed 10 minutes.

**The basic automatic panel includes:**

- Cabinet mounted (panel).
- Selectors, pushbuttons and operation indicator lights.
- Automaton for regeneration control and filter management.
- Relay to act on the automatic bypass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
MANUAL BASIC CONTROL PANEL	461001	-	-	-
AUTOMATIC BYPASS BASIC CONTROL PANEL	461101	-	-	-



## PRO FMR CONTROL PANEL -

### Filter control and monitoring peripherals



The PRO FMR CONTROL PANEL filter regeneration control panel consists of a PLC control unit with touch screen and analogue and digital inputs and outputs. It can be connected via ethernet or wifi for remote access. It controls the regeneration and management of the filter in a fully automatic way.

PRO model: Filter regeneration is pre-programmed every 4 hours. At the time of regeneration, it will automatically activate the automatic bypass (essential element not included) and will not interrupt the recirculation of the pool during the pre-programmed 10 minutes.

**The PRO panel includes:**

- Assembled panel (panel).
- Ventilation system.
- Pump selectors and emergency stop button.
- Control PLC for the management of the complete purification system.
- Automatic bypass control
- Protection and programming of treatment and recirculation/filtration pumps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
WPP-CTRL-0200	461201	-	-	-

REGENERATIVE MEDIA FILTERS

PRO VFD FMR CONTROL PANEL -

Filter control, monitoring peripherals with drives



The PRO VFD FMR CONTROL PANEL filter regeneration control panel consists of a PLC control unit with touch screen and analogue and digital input and outputs. It can be connected via ethernet or wifi for remote access. It controls the regeneration and management of the filter in a fully automatic way. It includes a bather user management system that regulates the speed of the filtration pumps through the frequency variators, depending on the number of users in real time.

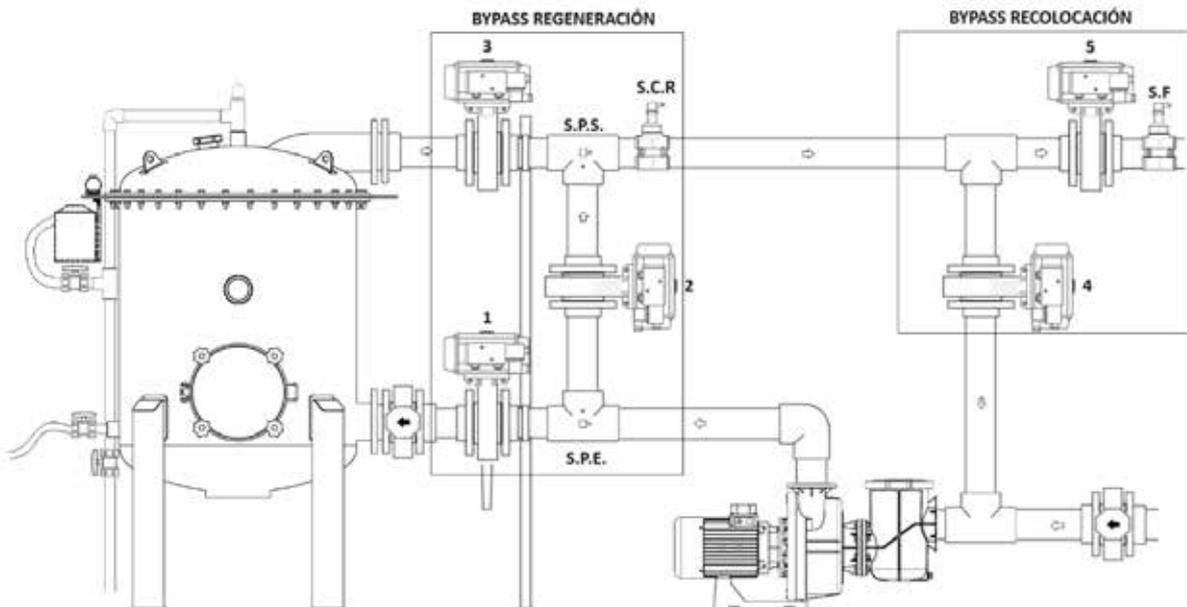
PRO-VDF model: Filter regeneration is pre-programmed every 4 hours. At the time of regeneration, it automatically activates the automatic bypass (essential element not included) and does not interrupt the recirculation of the pool for the pre-programmed 10 minutes. It manages the speed of the pumps with the frequency variators (included).

**The PRO panel includes:**

- Assembled panel (panel).
- Ventilation system.
- Pump selectors and emergency stop button.
- Control PLC for the management of the complete purification system.
- Automatic bypass control
- Protection and programming of treatment and recirculation/filtration pumps.
- Frequency inverters for recirculation/filtration pumps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PRO VFD CONTROL PANEL / 1x PUMP <4KW	461301	-	-	-
PRO VFD CONTROL PANEL / 1x PUMP 4-15KW	461302	-	-	-
PRO VFD CONTROL PANEL / 2x PUMPS <4KW	461303	-	-	-
PRO VFD CONTROL PANEL / 2x PUMPS 4-15KW	461304	-	-	-
PRO VFD CONTROL PANEL / 3x PUMPS <4KW	461305	-	-	-
PRO VFD CONTROL PANEL / 3x PUMPS 4-15KW	461306	-	-	-
PRO VFD CONTROL PANEL / 4x PUMPS <4KW	461307	-	-	-
PRO VFD CONTROL PANEL / 4x PUMPS 4-15KW	461308	-	-	-
PRO VFD CONTROL PANEL / 5x PUMPS <4KW	461309	-	-	-
PRO VFD CONTROL PANEL / 5x PUMPS 4-15KW	461310	-	-	-

PRE-LAYER BYPASS



**REGENERATIVE MEDIA FILTERS**

## AUTOMATIC PURGE KIT



SET OF ELEMENTS TO PURGE BY CONDUCTIVITY.

The purge kit allows the water quality to be maintained without exceeding the concentration defined in the setpoint of the PRO panel.

**It is installed between the pump and filter, preferably connected to the bypass The kit consists of:**

- Double inlet collar, assembled with 50cm PVC pipe
- Motorised PVC valve
- Conductivity graft probe with cable

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
KIT AUTOMATIC PURGE DN-90-1" 24-240V II 50Hz	471001	-	-	-
KIT AUTOMATIC PURGE DN-110-1" 24-240V II 50Hz	471002	-	-	-
KIT AUTOMATIC PURGE DN-125-1" 24-240V II 50Hz	471003	-	-	-
KIT AUTOMATIC PURGE DN-160-1" 24-240V II 50Hz	471004	-	-	-
KIT AUTOMATIC PURGE DN-200-1 ½ " 24-240V II 50Hz	471005	-	-	-
KIT AUTOMATIC PURGE DN-250-1 ½ " 24-240V II 50Hz	471006	-	-	-
KIT AUTOMATIC PURGE DN-312-2" 24-240V II 50Hz	471007	-	-	-
KIT AUTOMATIC PURGE DN-400-2" 24-240V II 50Hz	471008	-	-	-

## BALANCE TANK CONTROL KIT



The tank control kit enables automatic filling of the compensation tank, sends signals to stop the pumps in the event of minimum water level and overflow alarm. And it transmits the flow rate by sensor.

It provides the information to the PRO and PRO-VFD panel.

It is installed in the mains pipe that feeds the compensation tank and the probe is immersed in the water of the compensation tank.

**The kit consists of:**

- Manifold mounted with 50cm of 63mm PVC pipe.
- 2" metal valve
- 5-24V graft-on flow sensor with collar on mounted manifold pipe.
- 2" metal solenoid valve
- Submersible level transmitter 4-20mA

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
BALANCE TANK CONTROL KIT 2"	472001	-	-	-



## REGENERATIVE MEDIA PERLITE



Regenerative filter media composed of selected and processed Perlite for filter filtration. Paper sacks of 13kg (60lts)

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PERLITE MEDIA FILTER (60lts) 13 KG.	40001		13	0,06

REGENERATIVE MEDIA FILTERS

FMR PRODUCT SELECTION



FMR REGENERATIVE MEDIA FILTER

+



MANUAL KIT BYPASS

+



MANUAL BASIC CONTROL PANEL



AUTOMATIC KIT BYPASS

+



AUTOMATIC BYPASS BASIC CONTROL PANEL



AUTOMATIC KIT BYPASS (with pressure and flow sensors)

+



PRO CONTROL PANEL



PRO VFD CONTROL PANEL



## POOLS

# PUMPS

### 174 VARIABLE SPEED PUMPS

- 174 Victoria Plus Silent VS
- 175 Maxim VS
- 176 VFD VS

### 177 SELF-PRIMING PUMPS

- 177 Victoria Plus Silent
- 178 Kivu

### 179 CENTRIFUGAL PUMPS

- 179 Maxim
- 180 Colorado with prefilter
- 181 Colorado without prefilter
- 182 Kivu
- 183 Aral Plus C-3000
- 185 Aral Plus C-1500

### 187 STRAINERS

- 187 Strainer in polypropylene and fibreglass
- 187 Strainer in polyester and fibreglass 33 l capacity
- 187 Strainer in polyester and fibreglass 60 l capacity
- 188 Strainer in polyester and fibreglass with sight glass lid 33 l capacity
- 188 Strainer in polyester and fibreglass with sight glass lid 60 l capacity
- 189 Kivu strainers
- 189 Astramax strainers
- 189 Aral Plus strainers
- 190 Strainers in stainless steel

### 191 VALVES AND HOSES

- 191 Check valves
- 191 Vibration absorbent brushing

### 192 AIR BLOWERS

- 192 Air blowers

# ASTRALPOOL PUMPS

## EXCELLENCE AT THE HEART OF POOLS

At AstralPool, we don't just strive for good performance or innovative products but for the highest quality & reliability. Because what really makes the difference in the world of pumps is that everything goes the right way, as pumps are the heart of the pool.

And the only way to achieve this is through excellence every step of the way, from conceptualization to industrialization.

## RELIABILITY IN DESIGN AND MANUFACTURING

PUMPS



### A 30-YEAR-OLD EXPERTISE

At AstralPool, we have more than 30 years of experience designing, manufacturing, and supervising every aspect of the whole process in-house.

With **our 5 worldwide R&D centers** and **factories in Europe**, we are giving the best of ourselves to produce high-quality pumps as our customers deserve nothing but the best.

Our expertise has led us to become one of the market leaders, **more than 0.5 million pumps delivered annually** to the pool industry.



### EUROPEAN ENGINEERING & MANUFACTURING

We use the latest technologies such as computer-aided design and engineering (CAD/CAE), flow and mechanical simulations (CFD/FEA) to deliver **high-performing, reliable and efficient pumps**.

Our more than a year long prototyping and industrialization processes, in which everything is adjusted to its detail, piece by piece, mould by mould, assure us that **all products are equally perfect**.

During all the processes, we ensure that the quality of our pumps meets our expectations. This is why we develop **with more than 500 R&D tests** and more than **200 endurance tests annually**. Additionally, **we test 100% of our pumps** produced in our own factory under the quality certification of ISO 9001.



## BEST IN CLASS SERVICE

Our dedicated team is here to offer an **efficient & close service** to support our customers during the whole journey through a committed sales team, detailed product training, wide logistic network and all the organization focused on customer satisfaction.

Thanks to our more than **100 Fluidra Pro centers** and direct presence in more than 35 countries, we are committed to bringing **proximity, service, and flexibility**.

Want to know more about AstralPool pumps? Check our video by flashing this QR code.



## A WIDE RANGE TO MEET EVERY NEED

**ASTRALPOOL** 


**MAXIM VS**

**MAXIM**

**KIVU**

**ARAL PLUS**

## A UNIQUE TRACK RECORD

Many emblematic institutions around the world have trusted us for their pumps. We provide pumps for all kind of installations: swimming pools, aquariums, wellness, spas, fountains and lagoons.

PUMPS


**ASIAN GAMES — INDONESIA**

**NEWCASTLE GREAT EXHIBITION OF THE NORTH — UNITED KINGDOM**

**AQUATICUM WATER PARK — HUNGARY**

VARIABLE SPEED PUMPS



VICTORIA PLUS SILENT VS

VICTORIA PLUS SILENT VS

The Victoria Plus Silent pump for residential pools comes with two motor powers, has variable speeds and can be automatically controlled.

This pump has been designed for both new-build pools and as a replacement for pumps already fitted.

Significant power savings can be made thanks to the use of variable speeds and the timer.

The pump is compatible with the Fluidra Connect platform.

It has a built-in HMI controller with the possibility of mounting it on a wall for better usability.

Bathers experience a greater feeling of well-being due to the reduced noise level.

There are digital inputs and outputs for the smooth running of all pool units, such as the salt chlorinator and heat pump. It includes a power factor correction function for reducing current flow. It does not require an external power pack for Fluidra Connect.

- Excellence in energy savings
- High comfort
- Optimized filtration quality



Installation and control:

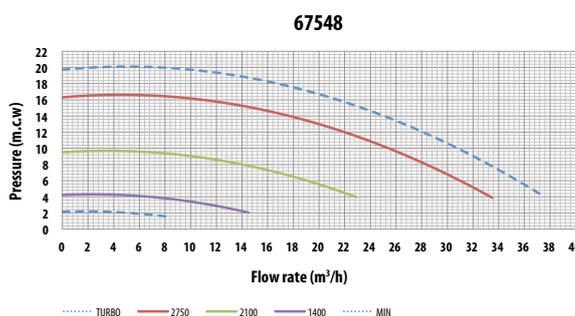
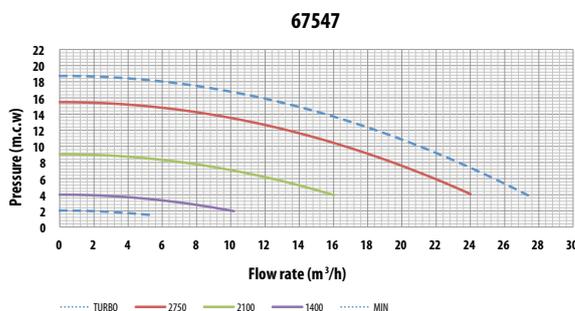


	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Victoria Plus Silent VS 100	67547	1	19	0.087
Victoria Plus Silent VS 200	67548	1	22	0.087

TECHNICAL FEATURES

	67547			67548		
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
Speed (rpm)	1400	2100	2750	1400	2100	2750
Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Power (W)	170	470	1030	258	750	1560
Current (A)	1	2.2	4.5	1.4	3.4	7.1
Flow rate (m <sup>3</sup> /h)	8.2	12.4	16.7	11.1	18.8	25.5
Pressure (m)	2.7	6.1	10	3.2	6.2	10
Efficiency (l/Wh)	48.3	26.4	16.2	43	25	16.3
Max. working pressure (m)	4	9	15.5	4	9.4	16.3
Noise (dB)	45	53	61	51	58	66

PERFORMANCE



Menu-driven adjustments and settings



Intuitive weekly timer settings



Pre-set and adjustable speeds



Power consumption and savings display

VARIABLE SPEED PUMPS



# MAXIM VS



The Maxim VS pump is an advanced solution for commercial pools, offering variable speeds and automatic control for optimal performance. It's the ideal choice for large pools in hotels, campsites, sports clubs, public pools, and spas. Equipped with Full Inverter technology, this pump maximizes energy savings, ensuring both efficiency and sustainability.

### Key Benefits

- Exceptional energy savings
- Enhanced comfort
- Optimized filtration quality

Designed for both new installations and as a replacement for existing pumps, the Maxim VS pump allows for significant power savings through variable speeds.

**User-Friendly Design:** The pump features a built-in HMI controller, which can be wall-mounted for enhanced usability. The reduced noise level enhances the overall well-being of bathers.

### Main Specifications

- Variable speed pumps
- Suitable for small to medium commercial pools in the hospitality segment
- Available in 3.5HP to 5.5HP ranges
- Compatible with swimming pool water, including saline water up to 6 g/L
- CE certified and compliant with all EU standards
- Power supply: 3~ - 380-460V & 50 / 60 Hz
- Standard ModBus connectivity
- 3-year warranty

### HMI Features

- User-friendly interface
- Dedicated app for control
- Speed variation:
  - Hz by Hz: Adjustable from 20Hz to 50Hz via app or VFD buttons
  - 3 pre-set speeds (Low/Mid/Hi) selectable via app or VFD buttons
- ON/OFF/MANUAL functions
- Display with mode information



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Maxim VS 350	73773	1	35	0.209
Maxim VS 450	73774	1	37	0.209
Maxim VS 550	73775	1	43	0.209

## TECHNICAL FEATURES

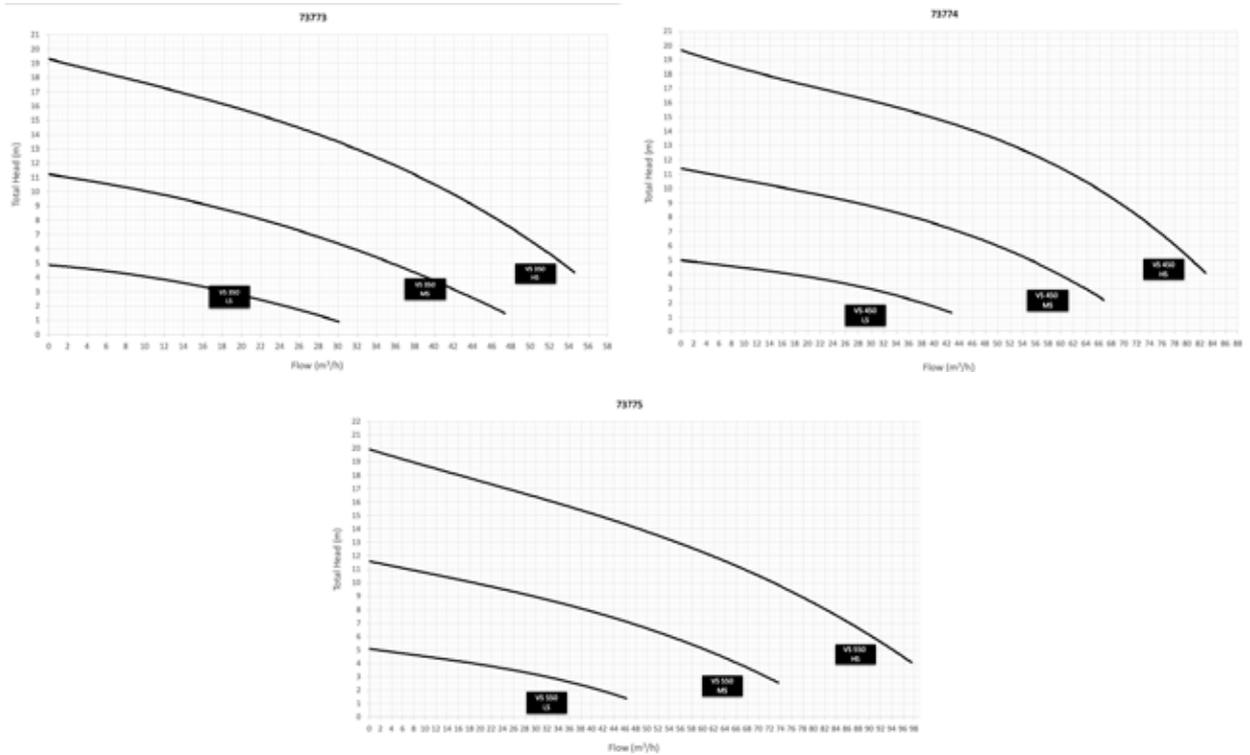
Code	Model	Voltage	Capacity	Head	Maximum	Max Capacity	Motor Rated Output	Maxim Abs. Power	Pipe Size	
					Head	at Head= 4m				
					H <sub>MAX.</sub>	Q <sub>MAX.</sub>				
		U <sub>N</sub>	Q <sub>N</sub>	H <sub>N</sub>			P <sub>2N</sub>	P <sub>1MAX</sub>	Ø	
		V	m	m	m	m	kW	kW	mm	
73773	VS 350	380 - 460	41,6	10,0	19,3	54,6	2,6	2,94	90,0	
73774	VS 450	380 - 460	66,0	10,0	19,7	83,0	3,4	4,20	90,0	
73775	VS 550	380 - 460	74,0	10,0	20,0	98,5	4,0	4,37	90,0	
		73773			73774			73775		
		LOW SPEED	MEDIUM SPEED	HIGH SPEED	LOW SPEED	MEDIUM SPEED	HIGH SPEED	LOW SPEED	MEDIUM SPEED	HIGH SPEED
Speed (r.p.m.)		1460	2190	2920	1460	2190	2920	1460	2190	2920
Voltage (V)		380 - 460			380 - 460			380 - 460		
Frequency (Hz)		50 / 60			50 / 60			50 / 60		
Motor Rated Output (kW)		2,6			3,4			4,0		
Max. Abs. Power (P1MAX) (kW)		0,4	1,4	2,9	0,6	1,9	4,2	0,6	2,0	4,4
Capacity (m <sup>3</sup> /h)		21,2	33,3	41,6	34,2	52,0	65,6	37,0	56,4	72,2
Differential Head (m)		2,5	5,6	10,0	2,5	5,6	10,0	2,5	5,6	10,0
Max. Working pressure (m)		4,9	11,2	19,3	5,0	11,4	19,7	5,1	11,6	20,0
Noise level (dBA)		55,5	69,1	78,5	56,2	67,6	76,7	57,5	67,5	76,9

VARIABLE SPEED PUMPS

MAXIM VS



PERFORMANCE



VFD VS: VARIABLE FREQUENCY DRIVE



The VFD VS is a stand-alone variable frequency drive designed for commercial pools, enhancing Maxim single-speed pumps with variable speed operation. It offers flexible installation options, allowing it to be mounted directly on the pump or on a wall for new or existing installations. This drive delivers significant energy savings, improved comfort, and optimized filtration.

Key Benefits

- Significant energy savings
- Enhanced bather comfort
- Improved filtration quality

Ideal for small to medium commercial pools, especially in the hospitality sector, the VFD VS provides power savings and flexibility. It's available in 3.5HP and 5.5HP options, CE certified, with ModBus connectivity and a 2-year warranty.

User-Friendly Features

- Intuitive interface with a dedicated app
- Adjustable speeds from 20Hz to 50Hz
- Three pre-set speed options (Low/Mid/Hi)
- ON/OFF/MANUAL functions with mode display



Fluidra Connect compatible

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
VFD VS 2,2	77257	1	-	-
VFD VS 4,0	77258	1	-	-

TECHNICAL FEATURES

REF	MODEL	Voltage	Power	Frequency
		V	kW	Hz
77257	VFD VS 2,2	380 - 460	2,2	50-60
77258	VFD VS 4,0	380 - 460	4,0	50-60

SELF-PRIMING PUMPS



# VICTORIA PLUS SILENT



A self-priming pump with single-phase and three-phase motors. A prefilter is mounted on the body of the pump to prevent foreign bodies from entering it that may damage its hydraulic parts. The motors supplied come with an IP-55 protection rating and have been prepared to withstand hot environments and high levels of humidity. GS marking. The main characteristics of Victoria Plus Silent are:

- Low noise level: between 61 dB and 70 dB.
- Easy to use: Prefilter cap with 2 levers included (no spanner needed).
- Compatibility: Fully compatible in pools fitted with a Victoria Plus pump.
- Larger front bearing for improved axial thrust.
- PVC accessories assembly included in pump.



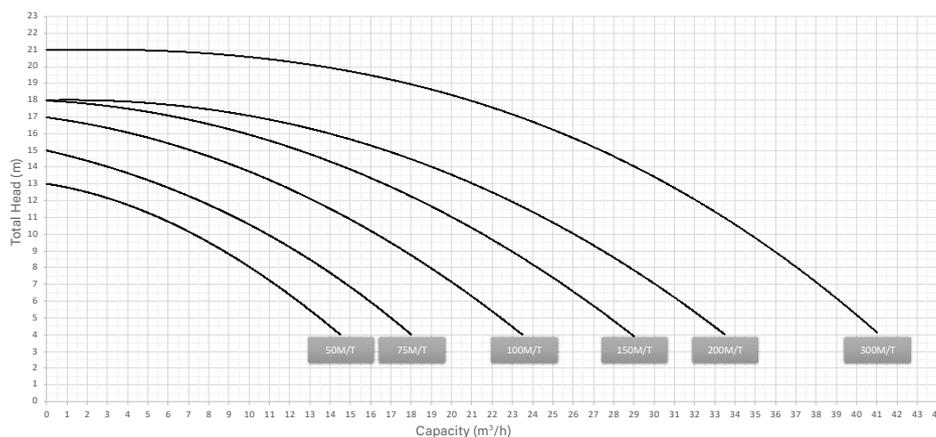
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Victoria Plus Silent 50M	65557	1	12	0.07
Victoria Plus Silent 50T	65558	1	12	0.07
Victoria Plus Silent 75M	65560	1	13	0.07
Victoria Plus Silent 75T	65561	1	13	0.07
Victoria Plus Silent 100M	65562	1	14	0.07
Victoria Plus Silent 100T	65563	1	14	0.07
Victoria Plus Silent 150M	65564	1	17	0.07
Victoria Plus Silent 150T	65565	1	17	0.07
Victoria Plus Silent 200M	65566	1	18	0.07
Victoria Plus Silent 200T	65567	1	19	0.07
Victoria Plus Silent 300M	65569	1	23	0.07
Victoria Plus Silent 300T	65570	1	19	0.07

TECHNICAL FEATURES

REF	MODEL	Voltage	Flow at H <sub>N</sub>	Nominal Head	Maximum Head	Maximum Flow	Motor Rated Output	Maximum Absorbed Power	Pipe Size
		U <sub>N</sub>	Q <sub>N</sub>	H <sub>N</sub>	H <sub>MAX.</sub>	Q <sub>MAX.</sub>	P <sub>2N</sub>	P <sub>IMAX</sub>	D
		V	m <sup>3</sup> /h	m	m	m <sup>3</sup> /h	kW	kW	mm
65557	50M	230	7.5	10	13	14.5	0.38	0.58	D50
65558	50T	230/400	7.5	10	13	14.5	0.38	0.55	D50
65560	75M	230	11	10	15	18	0.56	0.72	D50
65561	75T	230/400	11	10	14	18	0.56	0.72	D50
65562	100M	230	16	10	17	23.5	0.75	0.98	D50
65563	100T	230/400	16	10	17	23.5	0.75	1.02	D50
65564	150M	230	21.5	10	18	29	1.12	1.40	D63
65565	150T	230/400	21.5	10	18	29	1.12	1.40	D63
65566	200M	230	26	10	18	33.5	1.49	1.80	D63
65567	200T	230/400	26	10	18	33.5	1.49	1.80	D63
65569	300M	230	35	10	21	41	2.24	2.59	D75
65570	300T	230/400	35	10	21	41	2.24	2.40	D75

Maximum flow at Head of 4 m.c.w.

PERFORMANCE



SELF-PRIMING PUMPS



KIVU



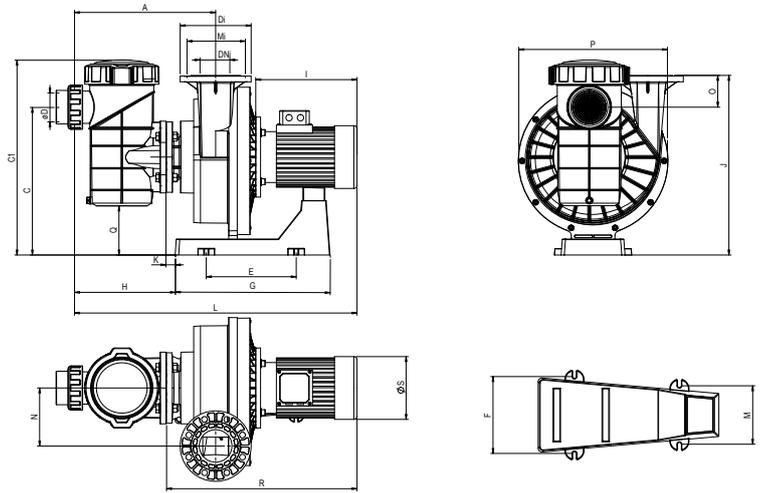
High performance plastic self-priming pump for high flow rates (1500 rpm).

- 3 power modes: 3 HP, 4 HP and 5.5 HP.
- Low sound level: as low as 59 dBA.
- Hydraulic efficiency without prefilter 78% (as per ISO 9906 standard).
- High quality mechanical seal for salt water.
- Standard motor shaft (compatibility with any pump manufacturer).
- Pump comes with pre-filter (in 2 packages: pump + prefilter).



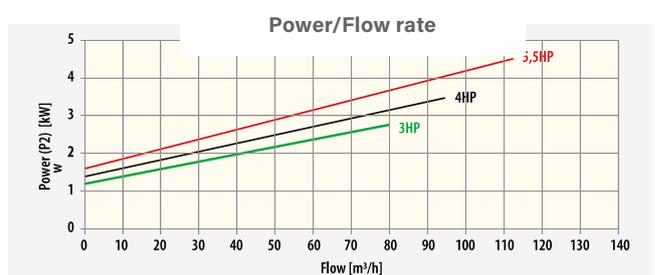
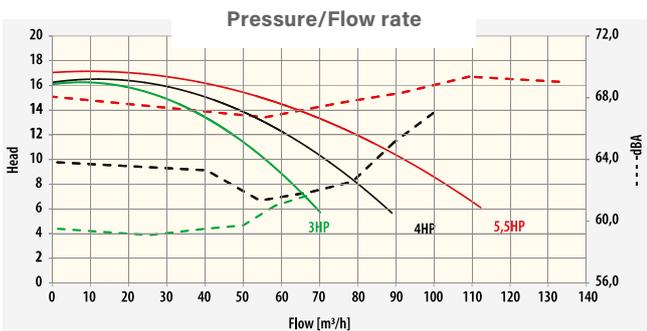
Optional:  
60 Hz pumps (code  
XXXX-0810).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Kivu 3 HP 230/400V 50Hz + prefilter	66047	1	56.4	0.35
Kivu 3 HP 400/690V 50Hz + prefilter	63042	1	56.4	0.35
Kivu 4 HP 230/400V 50Hz + prefilter	66048	1	59.4	0.35
Kivu 4 HP 400/690V 50Hz + prefilter	63043	1	59.4	0.35
Kivu 5.5 HP 230/400V 50Hz + prefilter	66049	1	66.4	0.35
Kivu 5.5 HP 400/690V 50Hz + prefilter	63044	1	66.4	0.35



TECHNICAL FEATURES																							
Code	Power	A	D	DI	DNi	C	C1	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Ma	Mi
	HP	mm																					
63042 66047	3	440	90	220	100 - 4"	462	610	279	206	480	313	320	561	29.5	882	157	181.5	100	460	154	590	-	180
63043 66048	4	440	90	220	100 - 4"	462	610	279	206	480	313	320	561	29.5	882	157	181.5	100	460	154	590	-	180
63044 66049	5.5	440	90	220	100 - 4"	462	610	279	206	480	313	345	561	156	906	157	181.5	100	460	154	621	-	180

PERFORMANCE CURVES WITHOUT PREFILTER



CENTRIFUGAL PUMPS

MAXIM

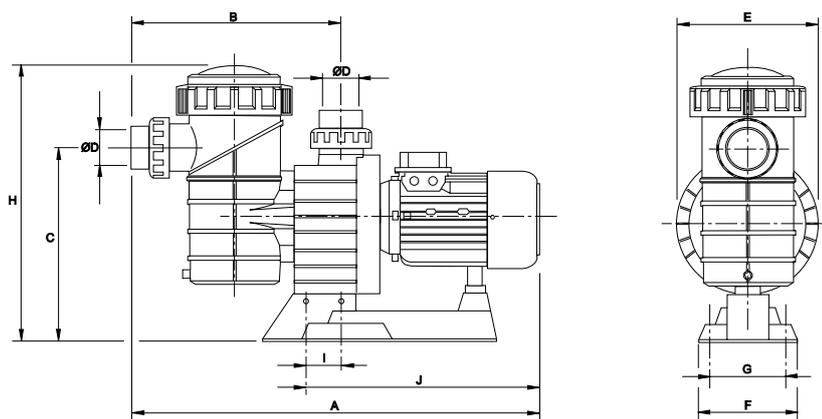


Pump body and supports in plastic, AISI-316 stainless steel motor shaft with double insulation. Motor has IP-55 protection rating. Prefilter basket with a capacity of 8 litres. Transparent prefilter lid.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Maxim 3.5 HP	08003	1	32	0.184
Maxim 4.5 HP	08004	1	34	0.184
Maxim 5.5 HP	08005	1	37	0.184



Optional:  
60 Hz pumps  
(code XXXX-0810).



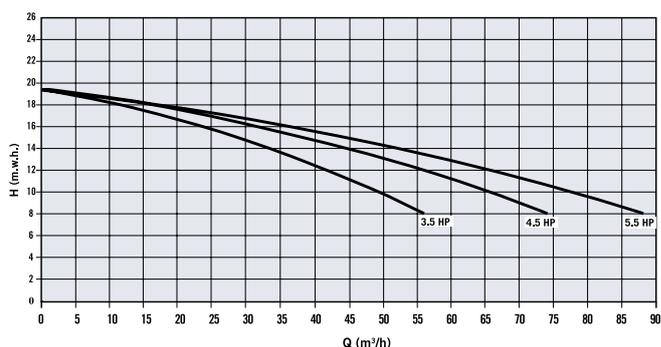
TECHNICAL FEATURES

Code	Power	Connection	Voltage	mwc					
				8	10	12	14	16	19.5
				m <sup>3</sup> /h					
08003	3.5 HP	3" threaded joint	230/400 V III	56	50	42	34	23	0
08004	4.5 HP		230/400 V III	74	66	57	46	30	0
08005	5.5 HP		230/400 V III	88	78	67	53	34	0

Model	Type	Voltage	A mm	B mm	C mm	Ø D mm	E mm	F mm	G mm	H mm	I mm	J mm
08003	3.5	230/400	815	430	385	90	287	200	140	530	65	468
08004	4.5	230/400	815	430	385	90	287	200	140	530	65	468
08005	5.5	230/400	847	430	385	90	287	200	140	530	65	500

PERFORMANCE CURVES



**CENTRIFUGAL PUMPS**



**COLORADO with prefilter**

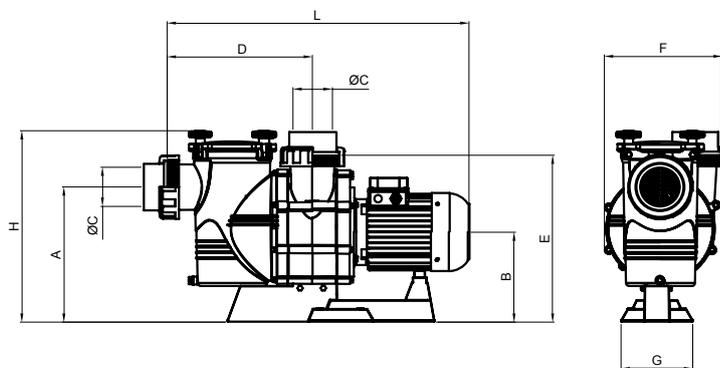


3000 rpm plastic centrifugal electric pumps with prefilter for pools, perfect for large, low-pressure flow rates. Prefilter with transparent lid and wishbone closure; easy access. Pump bodies and prefilter manufactured in fibreglass-reinforced polypropylene. Plastic turbine. Pump shaft and prefilter basket in stainless steel. Motors with 3000 rpm IP-55 protection at 230/400 V or 400/690 V and 50 Hz. From 4 HP to 12.5 HP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
4 HP, 230/400 V	44706-120	1	56	0.252
5.5 HP, 230/400 V	44707-120	1	56	0.252
7.5 HP, 230/400 V	44708-120	1	57	0.252
7.5 HP, 400/690 V	44709-120	1	57	0.252
10 HP, 230/400 V	44710-120	1	68	0.252
10 HP, 400/690 V	44711-120	1	68	0.252
12.5 HP, 230/400 V	44712-120	1	72	0.252
12.5 HP, 400/690 V	44713-120	1	72	0.252

Possibility of placing orders with the following variations:

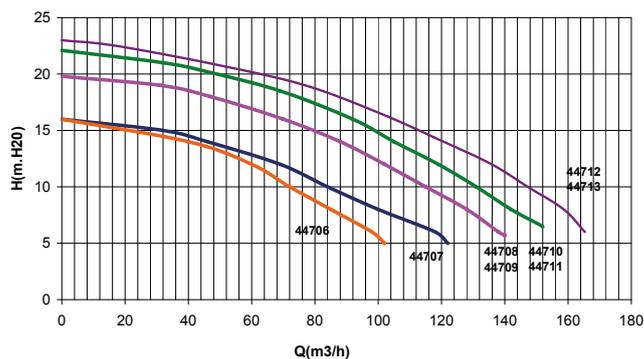
- bronze turbine
- stainless steel turbine (AISI 316-L).
- Viton mechanical seals.



**TECHNICAL FEATURES**

Code	VOLTAGE (V)	Power		Dimensions (mm)								
		kW	HP	A	B	ØC	D	E	F	G	H	L
44706-120	230/400	2.9	4	375	255	90	405	470	330	200	535	820
44707-120	230/400	4	5.5	375	255	110	405	470	330	200	535	840
44708-120	230/400	5.5	7.5	375	255	110	405	470	330	200	535	840
44709-120	400/690											
44710-120	230/400	7.4	10	375	255	110	405	470	330	200	535	910
44711-120	400/690											
44712-120	230/400	9.2	12.5	375	255	110	405	470	330	200	535	955
44713-120	400/690											

**PERFORMANCE CURVES**



**CENTRIFUGAL PUMPS**



**COLORADO** without prefilter



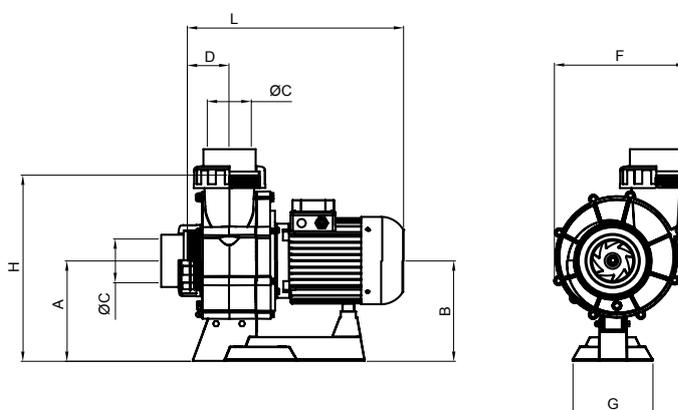
3000 rpm plastic centrifugal electric pumps with no prefilter for pools, perfect for large, low-pressure flow rates. Pump bodies manufactured in fibreglass-reinforced polypropylene. Plastic turbine. Stainless steel pump shaft. Motors with 3000 rpm IP-55 protection at 230/400 V or 400/690 V and 50Hz. From 7.5 HP to 12.5 HP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
4 HP, 230/400 V	44714-120	1	39	0.166
4 HP, 230/400 V	44715-120	1	44	0.166
7.5 HP, 230/400 V	44716-120	1	50	0.166
7.5 HP, 400/690 V	44717-120	1	50	0.166
10 HP, 230/400 V	44718-120	1	61	0.166
10 HP, 400/690 V	44719-120	1	61	0.166
12.5 HP, 230/400 V	44720-120	1	65	0.166
12.5 HP, 400/690 V	44721-120	1	65	0.166

Possibility of placing orders with the following variations:

- bronze turbine
- stainless steel turbine (AISI 316-L).
- Viton mechanical seals.

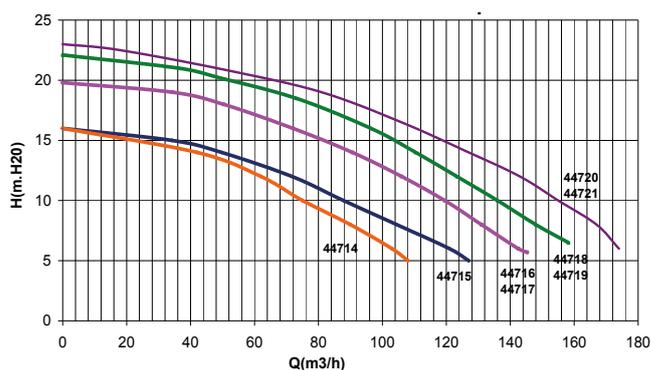
Available in power modes from 4 to 12.5 HP.



**TECHNICAL FEATURES**

Code	VOLTAGE (V)	Power		Dimensions (mm)							
		kW	HP	A	B	ØC	D	F	G	H	L
44714-120	230/400	2.9	4	255	255	90	105	330	200	470	510
44715-120	230/400	4	5.5	355	355	110	105	330	200	470	530
44716-120	230/400	5.5	7.5	255	255	110	105	330	200	470	530
44717-120	400/690										
44718-120	230/400	7.4	10	255	255	110	105	330	200	470	600
44719-120	400/690										
44720-120	230/400	9.2	12.5	255	255	110	105	330	200	470	645
44721-120	400/690										

**PERFORMANCE CURVES**



CENTRIFUGAL PUMPS



KIVU



Kivu Pump



Kivu pump  
Side view

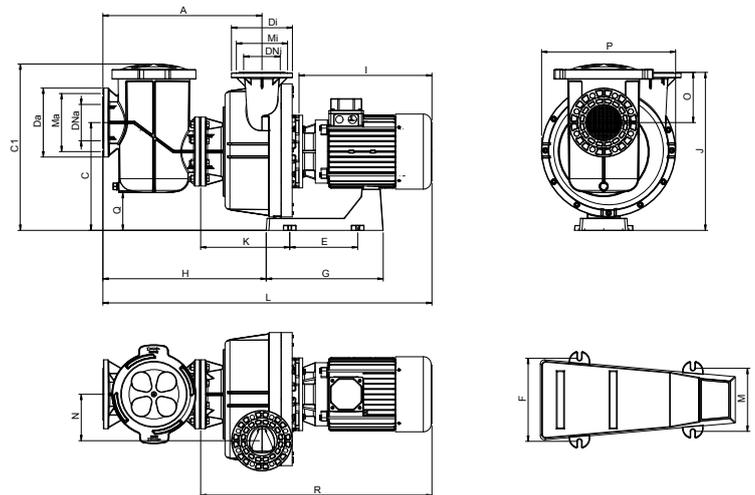
High performance plastic centrifugal pump for public pools that works at 1500 rpm.

- 3 power modes: 7.5 HP, 10 HP and 15 HP.
- Low sound level: as low as 66 dBA.
- Hydraulic efficiency without prefilter 85% (9906 ISO standard).
- High quality mechanical seal for salt water.
- Standard motor shaft (compatibility with any pump manufacturer).
- Product with GS marking.
- Pump comes with pre-filter (in 2 packages: pump + prefilter).



Optional:  
60 Hz pumps  
(code XXXX-0810).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Kivu 7.5 HP 230/400 V 50Hz + prefilter	56633	1	107.4	0.43
Kivu 7.5 HP 400/690 V 50Hz + prefilter	56634	1	107.4	0.43
Kivu 10 HP 230/400 V 50Hz + prefilter	56635	1	117.9	0.45
Kivu 10 HP 400/690 V 50Hz + prefilter	56637	1	117.9	0.45
Kivu 15 HP 230/400 V 50Hz + prefilter	56638	1	151.2	0.49
Kivu 15 HP 400/690 V 50Hz + prefilter	56639	1	151.2	0.49

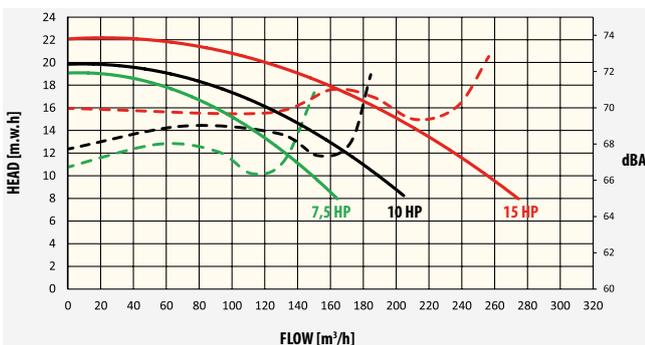


TECHNICAL FEATURES

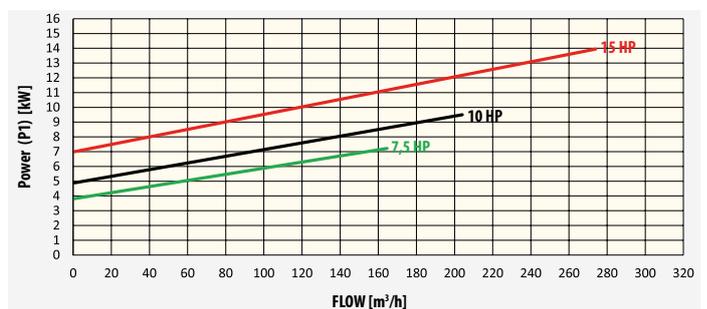
Code	Power	A	DA	DI	DNA	DNi	C	CI	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Ma	Mi
	HP	mm																						
56633 56634	7.5	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	410	653	141	1215	157	192	208	550	157	815	240	210
56635 56637	10	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	445	653	141	1250	157	192	208	550	157	850	240	210
56638 56639	15	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	670	510	653	271	1315	157	192	208	550	157	915	240	210

PERFORMANCE CURVES WITHOUT PREFILTER

Pressure/Flow rate



Power/Flow rate



## CENTRIFUGAL PUMPS

ASTRALPOOL



## ARAL PLUS C-3000

The pump series ARAL PLUS C-3000 made in cast iron and it specifically designed for public pools. Featuring a standard 2-pole motor design that operates at 3000rpm, up to 12,5HP.

The impeller made in bronze and all components in contact with water undergo a cataphoresis treatment, significantly extending the lifespan of the cast iron by providing a robust barrier against corrosion and oxidation, ensuring durability and sustained performance over time.

- IP55
- Standard motor (EN IEC 60034-7)
- Cataphoresis treatment
- Flow rate: up to 180 m<sup>3</sup>/h
- Power rate: from 3HP a 12,5HP
- Motor: 50Hz/3000 rpm. Available also at 60Hz (code XXXX-0810)

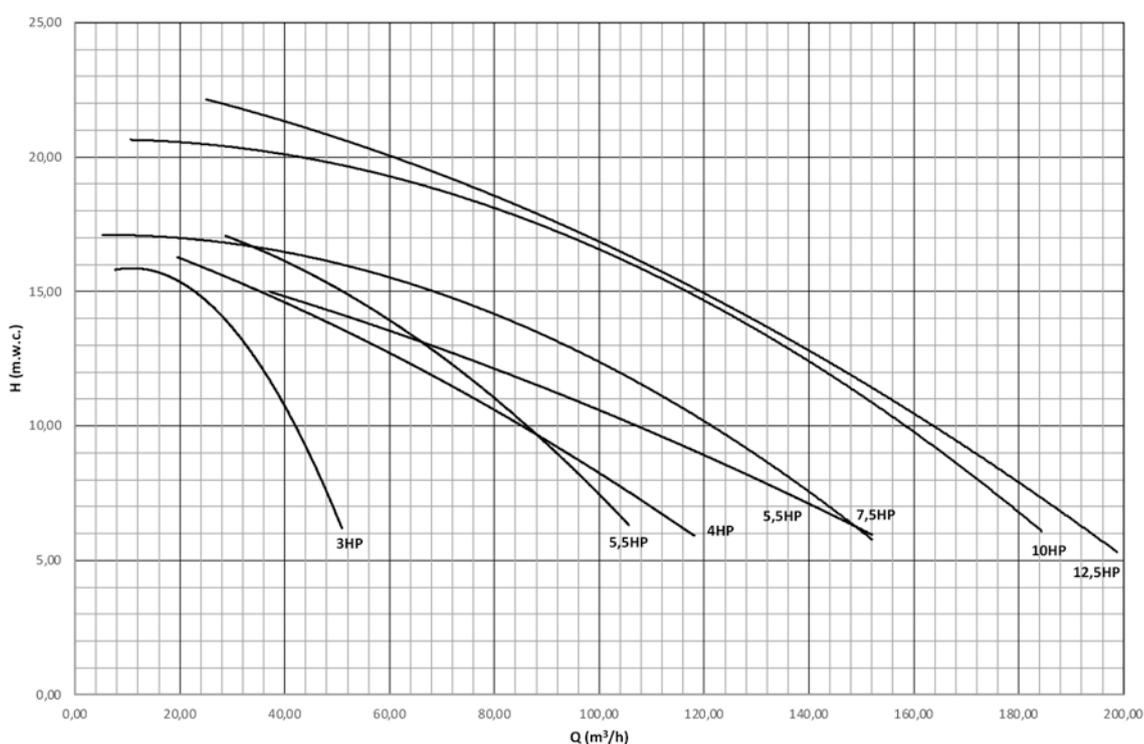
## MATERIALS

- Pump housing: Cast iron
- Shaft: Stainless steel AISI 316L
- Impeller: Bronze
- Mechanical Seal: Carbon + Ceramics
- Screws: Stainless steel AISI 304
- Pre-filter basket: AISI 304

Optional:  
60 Hz pumps  
(code XXXXX-0810)

More technical  
specifications on the  
next page

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
ARAL PLUS C-3000 3HP 230/400 50Hz	76917	1	55	0,172
ARAL PLUS C-3000 4HP 230/400 50Hz	76918	1	68	0,172
ARAL PLUS C-3000 4HP 400/690 50Hz	76919	1	68	0,172
ARAL PLUS C-3000 5,5HP DN100-100 230/400 50Hz	76920	1	77	0,206
ARAL PLUS C-3000 5,5HP DN100-100 400/690 50Hz	76921	1	77	0,206
ARAL PLUS C-3000 5,5HP DN125-100 230/400 50Hz	76922	1	90	0,206
ARAL PLUS C-3000 5,5HP DN125-100 400/690 50Hz	76923	1	90	0,206
ARAL PLUS C-3000 7,5HP 230/400 50Hz	76924	1	99	0,206
ARAL PLUS C-3000 7,5HP 400/690 50Hz	76925	1	99	0,206
ARAL PLUS C-3000 10HP 400/690 50Hz	76926	1	104	0,206
ARAL PLUS C-3000 12,5HP 400/690 50Hz	76927	1	113	0,206



CENTRIFUGAL PUMPS

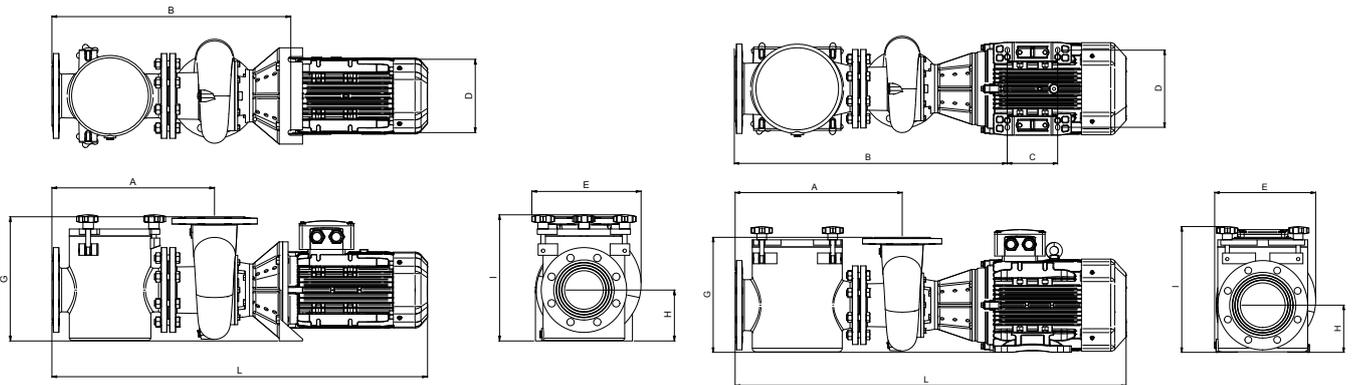
ARAL PLUS C-3000



TECHNICAL FEATURES

76917 / 76918 / 76919 / 76920 / 76921 / 76922 / 76923

76924 / 76925 / 76926 / 76927



Code	Power			Suction Connection	Delivery Connection	mwc								
		A	A			6	8	10	12	14	16	18	20	22
		m <sup>3</sup> /h												
76917	2.20 kW (3 HP)	7,6	4,3	80	3" BSP	51	47	42	38	27	8	-	-	-
76918	3 kW (4 HP)	9,9	5,7	100	100	118	105	85,8	70	49	20	-	-	-
76919	3 kW (4 HP)	5,7	3,3	100	100	118	105	85,8	70	49	20	-	-	-
76920	4.00 kW (5.5 HP)	13,0	7,4	100	100	106	99	85	76	58	41	-	-	-
76921	4.00 kW (5.5 HP)	7,4	4,3	100	100	106	99	85	76	58	41	-	-	-
76922	4.00 kW (5.5 HP)	13,0	7,4	125	100	152	130	110	81	55	-	-	-	-
76923	4.00 kW (5.5 HP)	7,4	4,3	125	100	152	130	110	81	55	-	-	-	-
76924	5.5 kW (7.5 HP)	17,6	10,1	125	100	152	136	123	106	81	55	5	-	-
76925	5.5 kW (7.5 HP)	10,1	5,9	125	100	152	136	123	106	81	55	5	-	-
76926	7.5 kW (10 HP)	13,5	7,8	125	100	185	172	158	143	126	106	82	43	-
76927	9.2 kW (12.5 HP)	16,6	9,6	125	100	194	179	163	147	129	109	87	61	26

Code	Suction Connection	Delivery Connection	Dimensions (mm)								
			A	B	C	D	E	G	H	I	L
76917	80	3" BSP	382	555	-	140	268	263	132	327	857
76918	100	100	419	616	-	190	281	322	132	327	968
76919	100	100	419	616	-	190	281	322	132	327	996
76920	100	100	419	616	-	190	281	322	132	327	996
76921	100	100	419	616	-	190	281	322	132	327	996
76922	125	100	464	661	-	190	281	322	132	352	1041
76923	125	100	464	661	-	190	281	322	132	352	1041
76924	125	100	464	756	140	216	281	322	132	352	1086
76925	125	100	464	756	140	216	281	322	132	352	1086
76926	125	100	464	756	140	216	281	322	132	352	1086
76927	125	100	464	756	178	216	281	322	132	352	1108

## CENTRIFUGAL PUMPS

ASTRALPOOL

## ARAL PLUS C-1500



The ARAL PLUS C-1500 made in cast iron and it specifically designed for public pools. Its four-poles, 1.450rpm, design motor up to 25HP, is meticulously crafted for high-performance, offering large flows optimal for substantial pools while maintaining low level of noise during its operation.

All components in contact with water undergo a cataphoresis treatment, significantly extending the lifespan of the cast iron by providing a robust barrier against corrosion and oxidation, ensuring durability and sustained performance over time.

Also available with bronze impeller.

- IP55
- Standard motor (EN IEC 60034-7)
- Cataphoresis treatment
- Flow rate: up to 340 m<sup>3</sup>/h
- Power rate: from 3HP a 25HP
- Motor: 50Hz/1450 rpm. Available also at 60Hz (code XXXX-0810)

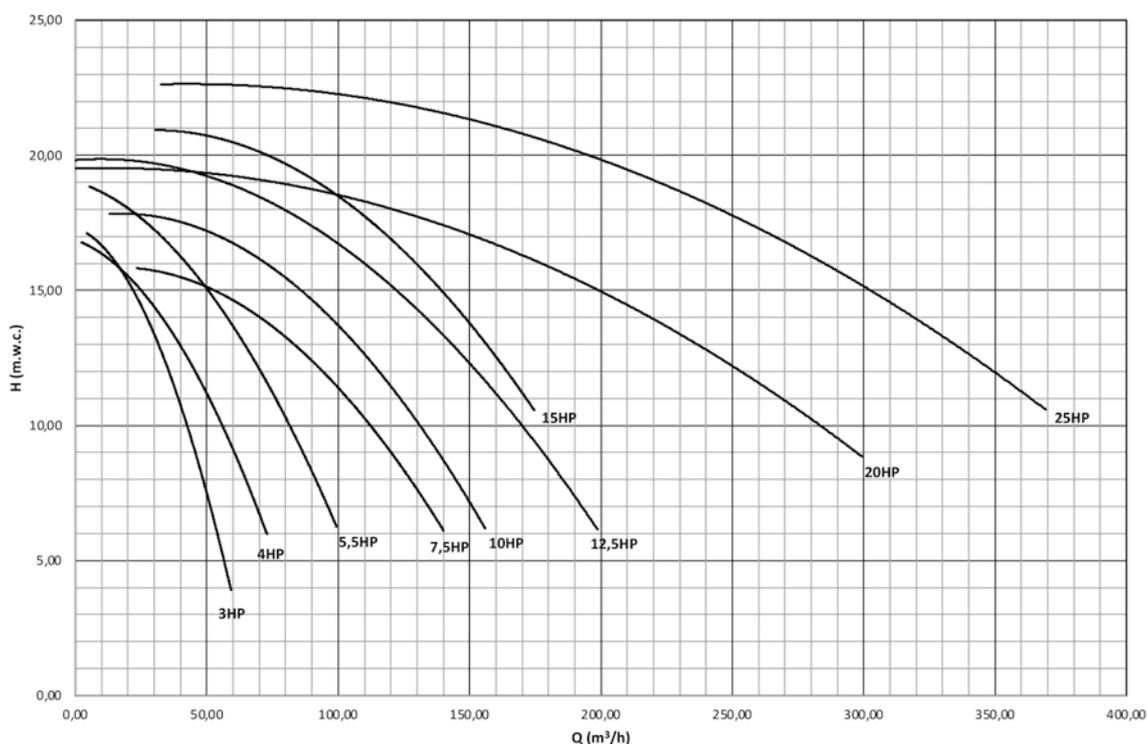
## MATERIALS

- Pump housing: Cast iron
- Shaft: Stainless steel AISI 316L
- Impeller: Cast iron (also available with bronze impeller)
- Mechanical Seal: Carbon + Ceramics
- Screws: Stainless steel AISI 304
- Pre-filter basket: AISI 304

Optional:  
60 Hz pumps  
(code XXXXX-0810)

More technical  
specifications on the  
next page

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
ARAL PLUS C-1500 3HP 230/400 50Hz	76905	1	89	0,244
ARAL PLUS C-1500 4HP 230/400 50Hz	76906	1	103	0,327
ARAL PLUS C-1500 4HP 400/690 50Hz	76907	1	103	0,327
ARAL PLUS C-1500 5,5HP 230/400 50Hz	76908	1	111	0,327
ARAL PLUS C-1500 5,5HP 400/690 50Hz	76909	1	111	0,327
ARAL PLUS C-1500 7,5HP 230/400 50Hz	76910	1	143	0,327
ARAL PLUS C-1500 7,5HP 400/690 50Hz	76911	1	143	0,327
ARAL PLUS C-1500 10HP 400/690 50Hz	76912	1	153	0,461
ARAL PLUS C-1500 12,5HP 400/690 50Hz	76913	1	213	0,461
ARAL PLUS C-1500 15HP 400/690 50Hz	76914	1	243	0,471
ARAL PLUS C-1500 20HP 400/690 50Hz	76915	1	298	0,550
ARAL PLUS C-1500 25HP 400/690 50Hz	76916	1	314	0,550



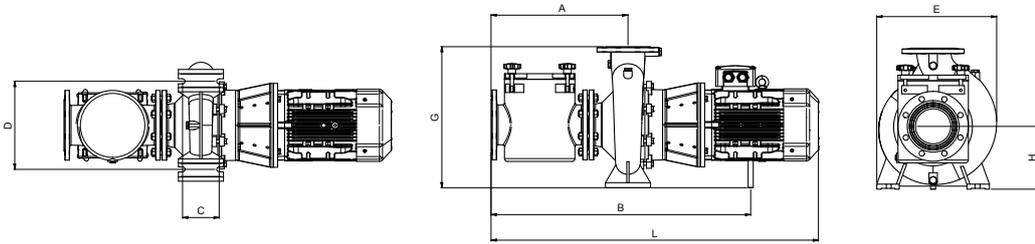
CENTRIFUGAL PUMPS

ARAL PLUS C-1500



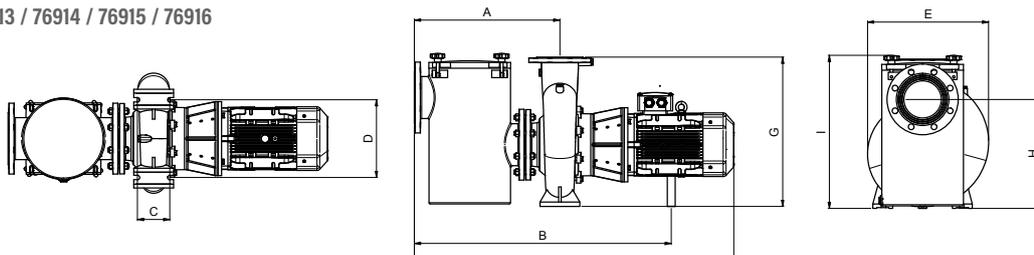
TECHNICAL FEATURES

76905 / 76906 / 76907 / 76908 / 76909 / 76910 / 76911 / 76912



Code	Power			Suction Connection	Delivery Connection	mwc								
		A	A			6	8	10	12	14	16	18	20	22
		m <sup>3</sup> /h												
76905	2.20 kW (3 HP)	7.9	4,5	100	50	54	48	42	36	28	17	-	-	-
76906	3 kW (4 HP)	10.5	6	100	80	73	66	55	46	33	11	-	-	-
76907	3 kW (4 HP)	6.1	3.5	100	80	73	66	55	46	33	11	-	-	-
76908	4 kW (5.5 HP)	13.8	7.9	100	80	99	91	82	70	58	42	19	-	-
76909	4 kW (5.5 HP)	7.9	4.6	100	80	99	91	82	70	58	42	19	-	-
76910	5.5 kW (7.5 HP)	18.6	10.7	125	100	140	128	114	97	67	23	-	-	-
76911	5.5 kW (7.5 HP)	10.7	6.2	125	100	140	128	114	97	67	23	-	-	-
76912	7.5 kW (10 HP)	14.3	8.3	125	100	156	145	131	117	97	73	13	-	-
76913	9.2 kW (12.5 HP)	17.5	10.1	150	100	199	185	170	154	131	112	77	-	-
76914	11 kW (15 HP)	20.4	11.8	150	100	-	-	175	163	146	125	102	73	-
76915	15 kW (20 HP)	27.3	15.8	200	125	-	299	287	260	222	175	126	-	-
76916	18,5 kW (25 HP)	33.5	19.4	200	125	-	-	369	349	324	293	244	184	101

76913 / 76914 / 76915 / 76916



Code	Suction Connection	Delivery Connection	Dimensions (mm)								
			A	B	C	D	E	G	H	I	L
76905	100	50	400	726	95	250	340	405	180	-	908
76906	100	80	425	815	130	315	404	480	200	-	1024
76907	100	80	425	815	130	315	404	480	200	-	1024
76908	100	80	425	823	130	315	404	480	200	-	1053
76909	100	80	425	823	130	315	404	480	200	-	1053
76910	125	100	486	922	130	315	426	505	225	-	1163
76911	125	100	486	922	130	315	426	505	225	-	1163
76912	125	100	486	933	130	315	426	505	225	-	1185
76913	150	100	586	1033	130	315	426	505	417	610	1285
76914	150	100	586	1191	130	315	426	505	417	610	1394
76915	200	125	668	1317	130	315	487	605	490	698	1521
76916	200	125	668	1319	130	315	487	605	490	698	1578

## STRAINERS



## STRAINER in polypropylene and fibreglass

Flanges drilled according to DIN-2501 Standard. Supplied with 3 piece coupling at the inlet. 8 litre capacity.  
Inlet size: Ø 90 mm and outlet Ø 110 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Strainer	09879	1	8.4	0.098



## STRAINER in polyester and fibreglass 33 l capacity

Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>33 l Capacity</b>				
Connections Ø 90 mm, 37 m <sup>3</sup> /h	04656	1	27	0.180
Connections Ø 110 mm, 55 m <sup>3</sup> /h	04657	1	27	0.180
Connections Ø 125 mm, 72 m <sup>3</sup> /h	04658	1	27	0.180
Connections Ø 140 mm, 90 m <sup>3</sup> /h	04659	1	27	0.180



## STRAINER in polyester and fibreglass 60 l capacity

Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>60 l Capacity</b>				
Connections Ø 160 mm, 118 m <sup>3</sup> /h	10886	1	39	0.357
Connections Ø 200 mm, 184 m <sup>3</sup> /h	10887	1	39	0.357
Connections Ø 225 mm, 233 m <sup>3</sup> /h	10888	1	39	0.357

STRAINERS



**STRAINER** in polyester and fibreglass  
with sight glass lid 33 l capacity



Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

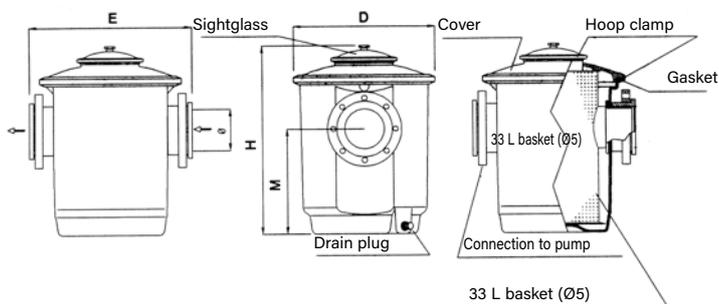
Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**33 l Capacity**

Connections Ø 90 mm, 37 m <sup>3</sup> /h	15644	1	27	0.180
Connections Ø 110 mm, 55 m <sup>3</sup> /h	15645	1	27	0.180
Connections Ø 125 mm, 72 m <sup>3</sup> /h	15646	1	27	0.180
Connections Ø 140 mm, 90 m <sup>3</sup> /h	15647	1	27	0.180
Strainer 3", 37 m <sup>3</sup> /h	15648	1	27	0.180
Strainer 4", 55 m <sup>3</sup> /h	15649	1	27	0.180

TECHNICAL FEATURES

Code	15644	15645	15646	15647	15648	15649
H	635	635	635	635	635	635
D	475	475	475	475	475	475
M	353	353	353	353	353	353
Ø	90	110	125	140	3"	4"
E	500	516	532	546	500	516



**STRAINER** in polyester and fibreglass  
with sight glass lid 60 l capacity

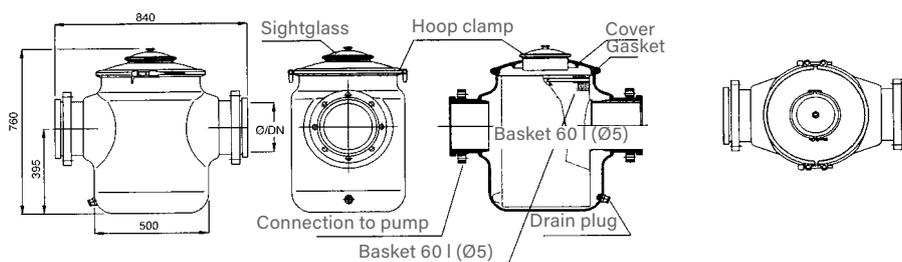


Flanges drilled as per DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**60 l Capacity**

Connections Ø 160 mm, 118 m <sup>3</sup> /h	15650	1	39	0.357
Connections Ø 200 mm, 174 m <sup>3</sup> /h	15651	1	39	0.357
Connections Ø 225 mm, 233 m <sup>3</sup> /h	15652	1	39	0.357
Strainer 6", 118 m <sup>3</sup> /h	15653	1	39	0.357
Strainer 8", 233 m <sup>3</sup> /h	15654	1	39	0.357



## STRAINERS

## KIVU STRAINERS



Flanges drilled to standard DIN-2501. Quick closing lid. Polypropylene basket. Drain plug. Maximum working pressure 1.5 bar.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>25 l Capacity</b>				
6" Connections DN 150	56733	1	9.9	0.08

## ASTRAMAX STRAINERS



Strainer for Astramax pump. Body in ABS and fibreglass. With transparent lid and anti-corrosive strainer basket. Suction 2¼" male thread. Connection to pump 2¾" female thread.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Strainer Astramax pump	16104	1	1.5	0.017

## ARAL PLUS STRAINERS



Made in cast iron and strainer made in AISI-304. Working pressure 2 bar. Flange connection are manufactured in accordance with DIN-2501 Standard.

## MATERIALS

- Pre-filter housing and cover: Cast Iron.
- Strainer basket: Stainless Steel AISI-304.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
ARAL PLUS STRAINER D210 65/65	76936	1	19.5	0.035
ARAL PLUS STRAINER D210 80/2B	76937	1	20.5	0.035
ARAL PLUS STRAINER D210 80/80	76938	1	20.5	0.035
ARAL PLUS STRAINER D210 100/65	76939	1	20.5	0.035
ARAL PLUS STRAINER D210 100/80	76940	1	21	0.035
ARAL PLUS STRAINER D210 100/100	76930	1	21.5	0.035
ARAL PLUS STRAINER D250 125/100	76931	1	35	0.044
ARAL PLUS STRAINER D250 125/125	76932	1	36	0.044
ARAL PLUS STRAINER D330 150/125	76933	1	76	0.115
ARAL PLUS STRAINER D330 150/150	76941	1	77	0.115
ARAL PLUS STRAINER D410 200/150	76934	1	96	0.185
ARAL PLUS STRAINER D410 200/200	76935	1	98	0.185

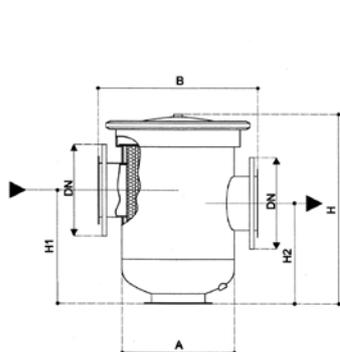
STRAINERS

STRAINERS IN STAINLESS STEEL

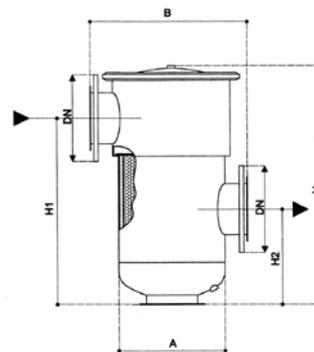


With removable basket. Housing in AISI-304 and strainer basket in AISI-316. Models come in varying diameters to suit pump suction (impeller protection). Rough straining for different installations.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
S.S. strainer DN 100 with PVC flange	21461	1	17.6	0.06
S.S. strainer DN 100 TF with PVC flange	21462	1	21.6	0.09
S.S. strainer DN 125 with PVC flange	21463	1	19.0	0.06
S.S. strainer DN 125 TF with PVC flange	21464	1	23.0	0.09
S.S. strainer DN 150 with PVC flange	21465	1	24.8	0.08
S.S. strainer DN 150 TF with PVC flange	21466	1	31.0	0.13
S.S. strainer DN 200 with PVC flange	21467	1	25.4	0.08
S.S. strainer DN 200 TF with PVC flange	21468	1	31.6	0.13



STANDARD model



TF model

TECHNICAL FEATURES

Code	Diameter		Pressure (bar)	External volume					Material	Interior basket			Total weight
	Input connection	Relief		Dimensions (mm)						Dimensions (mm)			
				A	B	H	H1	H2		Ø	H	Perforation	
21461	DN 100	½"	3	292	410	520	294	254	AISI 316	270	350	6 mm	17.6
21462	DN 100	½"	3	292	425	735	593	308	AISI 316	270	415	6 mm	21.6
21463	DN 125	½"	3	292	410	520	294	254	AISI 316	270	350	6 mm	19.0
21464	DN 125	½"	3	292	425	735	593	308	AISI 316	270	415	6 mm	23.0
21465	DN 150	½"	3	350	450	520	294	254	AISI 316	320	350	6 mm	24.8
21466	DN 150	½"	3	350	470	775	595	295	AISI 316	320	415	6 mm	31.0
21467	DN 200	½"	3	350	450	520	294	254	AISI 316	320	350	6 mm	25.4
21468	DN 200	½"	3	350	470	775	595	295	AISI 316	320	415	6 mm	31.6

## VALVES AND HOSES



## CHECK VALVES



Nominal pressure 10 kg/cm<sup>2</sup>. Mounted between flanges. Available in PN 16 and PN 25 under special order.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Outlets Ø 50 mm	72655	1	-	-
Outlets Ø 65 mm	75380	1	-	-
Outlets Ø 80 mm	71755	1	-	-
Outlets Ø 100 mm	71756	1	-	-
Outlets Ø 125 mm	71757	1	-	-
Outlets Ø 150 mm	71758	1	-	-
Outlets Ø 200 mm	71759	1	-	-
Outlets Ø 250 mm	71760	1	-	-

## VIBRATION ABSORBENT BRUSHING




Flanges in galvanized steel. Elastic material: Polychloroprene. Maximum temperature: 95° C. Nominal pressure: 10 kg/cm<sup>2</sup> (PN/10).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Outlets Ø 50 mm	71747	1	-	-
Outlets Ø 65 mm	71748	1	-	-
Outlets Ø 80 mm	71749	1	-	-
Outlets Ø 100 mm	71750	1	-	-
Outlets Ø 125 mm	71751	1	-	-
Outlets Ø 150 mm	71752	1	-	-
Outlets Ø 200 mm	71753	1	-	-
Outlets Ø 250 mm	71754	1	-	-



## AIR BLOWERS

Air pump designed for spas, baths, hydromassage installations and similar which produces a constant stream of air bubbles at medium and high air volume levels. It can also be used to stir up the filter bed, for example in back wash cycles where a low intensity air current is required.

The filter casing and impeller are made from an injected aluminium alloy whilst the motor spindle is manufactured from stainless steel, with the impeller dynamically balanced and directly adapted to the spindle. The motors, single phase or 3 phase for continuous use, are made from steel in compliance with CEI 2/3 1988 regulations, and feature IP54 external protection and class-F insulation. The standard voltages are 100-120/200-240V for the monophase range and 200-240/380-440V for the triphase models, at 50/60Hz. The pumps can be mounted horizontally or vertically. Moreover, since there is no contact between the mobile parts and the pump static discharges, neither lubrication nor maintenance is necessary and it does not cause wear on the parts.

The turbines have a maximum working temperature of 40°C. Do not use in conjunction with aggressive, inflammable or explosive gases.

### CARACTERÍSTICAS TÉCNICAS

Model	Code	Frequency (Hz)	Voltage (V)	Phase	Flow rate (m <sup>3</sup> /h)	Max. Pressure (mbar)	Standard Weight kg	Standard Volume m <sup>3</sup>
Blower 0,37 kW	56515	50	230	1	80	110	11	0,045
Blower 0,43 kW		60	230	1	100	140		
Blower 0,4 kW	47178	50	Δ 200-240 Y 345-415	3	80	130	10	0,045
Blower 0,5 kW		60	Δ 220-275 Y 380-480	3	98	170		
Blower 0,85 kW	47179	50	200-240	1	145	160	17	0,059
Blower 0,95 kW		60	200-240	1	175	160		
Blower 0,85 kW	47180	50	Δ 200-240 Y 345-415	3	145	160	16	0,045
Blower 0,95 kW		60	Δ 220-275 Y 380-480	3	175	160		
Blower 1,3 kW	47181	50	200-240	1	210	170	23	0,059
Blower 1,5 kW		60	200-240	1	255	140		
Blower 1,3 kW	47184	50	Δ 200-240 Y 345-415	3	210	170	22	0,059
Blower 1,5 kW		60	Δ 220-275 Y 380-480	3	255	140		
Blower 1,5 kW	47185	50	200-240	1	210	220	24	0,064
Blower 1,75 kW		60	200-240	1	255	220		
Blower 1,6 kW	47186	50	Δ 200-240 Y 345-415	3	210	220	23	0,064
Blower 2,1 kW		60	Δ 220-275 Y 380-480	3	255	220		
Blower 1,6 kW 2V	35389-2450	50	Δ 200-240 Y 345-415	3	150	300	25	0,087
Blower 2,06 kW 2V		60	Δ 220-275 Y 380-480	3	180	310		
Blower 2,2 kW	47187	50	Δ 200-240 Y 345-415	3	318	230	30	0,097
Blower 2,55 kW		60	Δ 220-275 Y 380-480	3	376	220		
Blower 3,0 kW 2V	31094-2450	50	Δ 200-240 Y 345-415	3	230	410	40	0,126
Blower 3,45 kW 2V		60	Δ 220-275 Y 380-480	3	275	400		
Blower 3,0 kW	47188	50	Δ 200-240 Y 345-415	3	318	280	36	0,097
Blower 3,45 kW		60	Δ 220-275 Y 380-480	3	376	280		
Blower 4,3 kW 2V	31096-2450	50	Δ 345-415 Y 600-720	3	520	600	54	0,217
Blower 4,8 kW 2V		60	Δ 380-480 Y 660-720	3	385	320		
Blower 5,5 kW	31097-2450	50	Δ 345-415 Y 600-720	3	530	320	63	0,16
Blower 6,3 kW		60	Δ 380-480 Y 660-720	3	620	340		
Blower 5,5 kW 2V	33972	50	Δ 345-415 Y 600-720	3	320	515	66	0,201
Blower 6,3 kW 2V		60	Δ 380-480 Y 660-720	3	385	530		
Blower 7,5 kW	31098-2450	50	Δ 345-415 Y 600-720	3	530	400	66	0,16
Blower 8,6 kW		60	Δ 380-480 Y 660-720	3	620	400		
Blower 11 kW 2V	33973	50	Δ 345-415 Y 600-720	3	520	600	104	0,353
Blower 12,6 kW 2V		60	Δ 380-480 Y 660-720	3	620	600		
Blower 12,5 kW	33974-2450	50	Δ 345-415 Y 600-720	3	1050	270	116	0,353
Blower 14,5 kW		60	Δ 380-480 Y 660-720	3	1250	260		





## POOLS

# WATER TREATMENT PRODUCTS

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# SPA COLLECTION



WATER  
TREATMENT  
PRODUCTS

Live the SPA experience with  
the **NEW** AstralPool range

A range of products  
designed for the care  
and maintenance  
of your SPA.

**BALANCE**

**DISINFECTION**

**CRYSTAL CLEAR**

**CLEANING**

**ACCESSORIES**

**KIT**

# YOUR POOL CARE STARTS HERE

## New AstralPool range MAINTENANCE

THE 6 STEPS TO MAINTAIN YOUR POOL



- BALANCE** 1 adjust water parameters (pH and alkalinity)
- DISINFECTION** 2 add chlorine
- ALGICIDE** 3 algae prevention
- FLOCCULANT** 4 keep water clean and clear
- CLEANERS** 5 cleaning of pool elements
- WINTER CARE** 6 to maintain your pool in Winter



## A GOOD MAINTENANCE IS THE BEST SOLUTION

However if something unexpected happens, RELAX!

- CLOUDY WATER?
- GREEN WATER OF ALGAE?
- ITCHY EYES AND SMELL OF CHLORINE?
- UNESTABLE PH?



## New AstralPool range SOLUTION

PREPARED FOR THE UNEXPECTED



Range  
MAINTENANCE  
or SOLUTION

Product name + Description

Product benefits

Formats	Duration Efficacy in the water	Type of pools	Dose Dose per m <sup>3</sup>
<ul style="list-style-type: none"> <li> Granulate</li> <li> Tablets</li> <li> Liquid</li> <li> Concentrated liquid</li> <li> Powder</li> </ul>	<ul style="list-style-type: none"> <li> 1h Immediate</li> <li> 8h</li> <li> Daily</li> <li> 10 Days</li> <li> Recovery</li> </ul>	<ul style="list-style-type: none"> <li> All pools</li> <li> pools with skimmer and sand filter</li> <li> Special sand filter</li> <li> Special liner</li> <li> Special tile</li> </ul>	

For minimum amounts, ask your dealer



POOL CHEMICALS ASTRALPOOL

REGULATORS

pH MINUS GRANULATED



Solid pH reducer. For adjusting the pH to between 7.2 and 7.6.

- Improves bathing comfort
- A good pH adjustment optimizes water disinfection
- Optimizes disinfectant efficacy
- Prevents limescale

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	5 kg	74651	4	720	-
Square packaging	16 kg	16540	2	768	-
Square packaging	40 kg	11974	-	480	-
Special product under order	-	-	-	-	-

pH PLUS GRANULATED



Solid pH enhancer. For adjusting the pH to between 7.2 and 7.6.

- Improves bathing comfort
- A good pH adjustment optimizes water disinfection

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	5 kg	74896	4	720	-
Square packaging	12 kg	16539	2	720	-
Square packaging	35 kg	15975	-	630	-
Special product under order	-	-	-	-	-

LIQUID pH MINUS



Liquid pH reducer. Ideal for dosing with a pump.

- Improves bathing comfort
- A good pH adjustment optimizes water disinfection
- Optimizes disinfectant efficacy
- Ideal for pump dosing

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For professional use only	10 l	43290	1	400	-
For professional use only	20 l	73140	1	600	-

LIQUID pH PLUS



Liquid pH enhancer. Ideal for dosing with a pump. Increases pH values under 7.2

- Improves bathing comfort
- A good pH adjustment optimizes water disinfection
- Ideal for pump dosing.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	20 l	74863	1	600	-

ALKALINITY ENHANCER



Powder for increasing water alkalinity when it falls below 125 ppm.

- Avoid pH variations
- Balance the water
- Improves bathing comfort

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	6 kg	15976	4	864	-
Square packaging	40 kg	19933	-	-	-
Special product under order	-	-	-	-	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

**DISINFECTANTS**



## CHLORINE SHOCK GRANULATE

Dichloride granules with 55% free available chlorine.

- Quick dissolution
- Stabilized chlorine, prolonged duration in the water
- No pH variations

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	5 kg	11394	4	720	-
Special product under order	25 kg	-	-	-	-
Special product under order	50 kg	11396	-	600	-



For minimum amounts, ask your dealer

## CHLORINE SHOCK 30g TABLETS



Trichloride 30-g tablets with 50% free available chlorine.

- Quick dissolution
- Stabilized chlorine, prolonged duration in the water
- No pH variations

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	1 kg	75156	18	432	-
Square packaging	5 kg	75157	4	720	-



These new codes only affect new formulas with low boric (European legislation)

## SLOW CHLORINE GRANULATED



Trichloride granules with 90% free available chlorine.

- Continuous disinfection
- Stabilized chlorine, prolonged duration in the water
- Highly concentrated

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	30 kg	11406	1	540	-
	50 kg	11407	-	600	-



## SLOW CHLORINE 250G TABLETS



Slow-dissolving 250 g trichloride blocks with 90% free available chlorine.

- Slow and continuous dissolution
- Stabilized chlorine, prolonged duration in the water
- Highly concentrated

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	25 kg	75163	1	450	-



These new codes only affect new formulas with low boric (European legislation)

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

For minimum amounts,  
ask your dealer



These new codes only  
affect new formulas with  
low boric (European  
legislation)



POOL CHEMICALS ASTRALPOOL

**DISINFECTANTS**

**MULTI ACTION GRANULES**



Granules that act as a bactericide, algicide and flocculant.

- Slow and continuous dissolution
- Disinfection, anti-algae, continuous flocculation, prevents limescale
- Stabilized chlorine, prolonged duration in the water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
30 kg	15985	1	540	-

**MULTI-ACTION 250g TABLET**



Slow-dissolving, 250 g tablet that acts as an algicide, bactericide and flocculant.

- Slow and continuous dissolution
- Disinfection, anti-algae, continuous flocculation, prevents limescale
- Stabilized chlorine, prolonged duration in the water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Square packaging	5 kg	4	720	-
	25 kg	1	450	-

**BROMINE TABLETS**



Slow-dissolving 20 g bromine tablets for the continuous disinfection of pools and spas. Does not smell of chlorine. High tolerance to pH levels. Powerful disinfectant and oxidising agent.

- Slow and continuous dissolution
- Pleasant bath without odors
- Very effective in high values of pH and/or very hot water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
20 kg	28740	1	540	-

**CHLORINE STABILIZER**



Prevents the rapid breakdown of chlorine by the sun's UV rays.  
Prolongs the efficiency of chlorine

- For outdoor pools

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
4.5 kg	72812	4	480	-
25 kg	19935	-	450	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

**ALGICIDES**



**ALGICIDE**

Prevents the formation of algae in pools.

- High algicidal power
- Quick action

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	11418	1	600	-



**ALGICIDE WITH BRIGHTENER**



A powerful bactericide, algicide and fungicide.

- With high bactericidal, algaecide and fungicide power
- Keep the blue and bright water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	11415	1	600	-



**ALGICIDE EXTRA**



Highly efficient non-foaming algicide that also acts as a flocculant.

- Very effective algicide
- With clarifying effect
- Non-foaming

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
5 l	11423	1	640	-
25 l	11424	1	600	-



POOL CHEMICALS ASTRALPOOL

**FLOCCULANTS**



**LIQUID FLOCCULANT**

Clarifies water by eliminating the colloidal particles that cause cloudiness in water.

- Clarifies water and restores transparency
- Avoid turbid water
- Quick effect

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	11389	1	600	-



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For minimum amounts, ask your dealer



For minimum amounts,  
ask your dealer



POOL CHEMICALS ASTRALPOOL

CLEANERS

SURFACE CLEANER



Extra strong descaler. Acid.

- Eliminates dirt, metals and limescale from the pool surface

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	11392	1	600	-

SURFACE CLEANER



for polyester and fibreglass pools

It combats limescale and grease without damaging pool lining.

- Eliminates dirt, metals and limescale from the pool surface
- Special polyester and fibreglass swimming pools

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
5 l	16558	4	640	-
Special product under order 25 l	-	-	-	-



WATER LINE DEGREASER Non-foaming



A specially formulated compound for removing scum and dirt from pool edges and walls, and areas around them that may require cleaning.

- Degreaser for edges, walls and areas adjacent to the pool
- Non-foaming

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	11427	1	600	-



The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

**CLEANERS**

For minimum amounts,  
ask your dealer



**NETOLINE** Water line



Powerful liquid descaler with degreasing properties for cleaning the water line.

- Removes grease, limescale and rust stains
- Easy application on vertical surfaces
- Adheres to the surface

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	40934	1	600	-



**LIQUID FILNET**



Liquid descaler specially designed for cleaning the inside of sand filters in public pools.

- Eliminates limescale and dirt incrustations inside the sand filter
- Quick rinse with hot water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 l	73558	1	600	-



**STAINLESS STEEL CLEANER-POLISH**



Stainless steel cleaner-polish. It removes stains and degreases all types of stainless steel surfaces.

- Removes dirt that appears and adheres to stainless steel surfaces
- Take care and maintain the brightness to stainless steel

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
5 l	72846*	4	640	-

\* New codes replace old codes 18713 and 16630.



**SUPER DESCALER**



Highly efficient descaler. Prevents the precipitation of lime and the build-up of limescale. Prevents pipes from getting blocked.

- Eliminates filter calcification
- Non -foaming, keeps water transparent

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
5 l	16555	4	640	-



The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.



## WINTERIZER

Prevents the proliferation of algae and bacteria in the water. Prevents water from going stagnant and the build-up of limescale. Takes the strain out of spring cleaning. Non-foaming.

- Prevents the proliferation of algae, bacteria and the limescale formation
- Makes it easier to restart the pool
- Non-foaming

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Special product under order	5 l 25 l	11430 -	4 -	640 -	- -



## WINTERIZER COPPER FREE

Prevents water putrefaction and slows the growth of algae and bacteria. Compatible with all treatments. Including the PHMB.

- Avoids the proliferation of algae and bacteria
- Makes it easier to restart the pool
- Non-foaming

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Special product under order	5 l 25 l	16553 -	4 -	640 -	- -

More power in each drop!  
Concentrated product:  
0.5 L / 40 - 50 m<sup>3</sup>

SPA CHEMICALS ASTRALPOOL

**BALANCE**



**ASTRALPOOL SPA COLLECTION pH Minus**



Granulated product to reduce the pH of the spa water. Fast dissolution without residues.

- Improves bathing comfort in the spa
- Optimizes the efficiency of the disinfectant
- Avoid lime inlays

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76685	9	324	-



**ASTRALPOOL SPA COLLECTION pH Plus**



Granulated product to increase the pH of the spa water. Fast dissolution without residues. Improves bathing comfort in the spa.

- Optimizes the efficiency of the disinfectant
- Avoid metal corrosion

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76686	9	324	-



**ASTRALPOOL SPA COLLECTION Hardness Stabilizer**



Liquid to prevent limescale. Prevents stains and save water from becoming cloudy.

- Eliminates and avoids limescale inlays
- Helps prevent filter clogging and corrosion of the metal parts of the circulation and filtration system

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76687	9	324	-

**DISINFECTION**



**ASTRALPOOL SPA COLLECTION Bromine Tablets**



Bromine tablets for water disinfection without smell and with a long-lasting effect.

- Slow and continuous dissolution
- Pleasant, odor-free bathing
- Does not irritate the eyes

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76688	9	324	-

SPA CHEMICALS ASTRALPOOL

**DISINFECTION**



**ASTRALPOOL SPA COLLECTION** Granulate chlorine



Chlorine granules to disinfect and guarantee hygienic spa water.

- Stabilized chlorine, long lasting in water
- Does not modify the pH

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76689	9	324	-

**CRYSTAL CLEAR**



**ASTRALPOOL SPA COLLECTION** Clarifier



Concentrated liquid to prevent cloudy water problems in the spa. For all types of filters.

- Clarifies water
- Quick action

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76690	9	324	-

**ASTRALPOOL SPA COLLECTION** Anti Foam



Liquid to remove spa foam. Fast and effective action.

- Fast and efficient action
- Eliminates foam caused by water agitation

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76691	9	324	-

**CLEANING**



**ASTRALPOOL SPA COLLECTION** Filter Cleaner



Liquid for cleaning cartridge filters.

- Eliminates limescale and dirt deposited inside the filter
- Non-foaming

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76692	9	324	-

## SPA CHEMICALS ASTRALPOOL

## CLEANING



## ASTRALPOOL SPA COLLECTION Surface Cleaner



Concentrated liquid for cleaning the interior lining of spas. For all types of surfaces.

- Does not alter the water parameters
- For all types of surfaces

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76693	9	324	-



## ASTRALPOOL SPA COLLECTION Pipework Cleaner



Liquid to degrease and clean hydraulic circuit.

- Eliminates limescale inlays caused by dirt in pipes
- Non-foaming

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76694	9	324	-

## KIT



## ASTRALPOOL SPA COLLECTION Kit Bromine



Kit for the disinfection of spa water with bromine.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
1 kg	76695	72	288	-

## ACCESSORIES



## ASTRALPOOL SPA COLLECTION Test Strip



Strips to determine the pH value, chlorine, bromine, alkalinity and hardness of the spa water.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
-	76764	-	-	-

TESTERS

WATER ANALYSIS - WATER TESTERS

FREE CHLORINE AND PH **Pooltester**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Chlorine range: 0.1-3.0 mg/l pH range: 6.8-8.2	03253	12	2.2	0.007
Chlorine range: 0.5-6.0 mg/l ph range: 6.8-8.2	01419	12	2.2	0.007

OXYGEN AND PH POOLTESTER



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	03182	12	2.2	0.007

BROMINE AND PH POOLTESTER



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	16374	12	2.2	0.007

COPPER TEST KIT



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	03258	1	0.2	0.004



TESTERS

POCKET GAUGES



DISSOLVED SOLIDS POCKET GAUGE



A small, practical pocket gauge for quickly measuring the solids dissolved in the water.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
41928	1	-	-



REDOX POCKET GAUGE



A small, practical pocket gauge for quickly measuring the redox level in pool water.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
28583	1	-	-



PH POCKET GAUGE



A small, practical pocket gauge for quickly measuring the pH level in pool water.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
74998	1	-	-



CONDUCTIVITY POCKET GAUGE



A small, practical pocket gauge for quickly measuring conductivity.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
43428	1	-	-

Range: 0.1-19.9 mS/cm.

TEST KITS AND PHOTOMETERS



3-IN-1 PHOTOMETER



- Chlorine: 0.01-5.0 mg/l
- Isocyanuric acid 2-200 mg/l
- pH: 6.8 - 8.4

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
74430	1	1.0	0.049



6-IN-1 PHOTOMETER



- Chlorine range: 0.01-5.0 mg/l
- ph range: 6.8-8.4
- Isocyanuric acid 2-200 mg/l
- Calcium hardness: 5-500 mg/l
- Bromine: 0.01-5.0 mg/l
- Alkalinity: 10-500 mg/l

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
74432	1	1.0	0.049

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TESTERS

TEST KITS AND PHOTOMETERS



### 3-IN-1 PHOTOMETER PC TEST KIT



- Chlorine range: 0.05–6.0 mg/l
- ph range: 6.5–8.4
- Cyanuric acid range: 0–80.0 mg/l

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	54567	1	1.0	0.049

### POOL-CONTROL-DIRECT



Multiparameter photometer that enables a wide range of tests to be performed that cover all pool water readings. Intended for pool dealers.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Pool-Control-Direct	41922	1	1.9	0.023

Parameters tested (the reagents required can be ordered):

- |                                       |                               |
|---------------------------------------|-------------------------------|
| Alkalinity: 10 – 500 mg/l             | Total copper 0.03–5.0 mg/l    |
| Aluminium: 0.02–0.5 mg/l              | Free copper: 0.03–5.0 mg/l    |
| Ammonia: 0.01–1.0 mg/l                | Total hardness: 5–500 mg/l    |
| Cyanuric acid: 2–200 mg/l             | Phosphates: 0.03–4.0 mg/l     |
| Biguanide: 2–100 mg/l                 | Iron: 0.01–1.0 mg/l           |
| Bromine: 0.04–10.0 mg/l               | Manganese: 0.001–0.03 mg/l    |
| Calcium hardness: 5–500 mg/l          | Nitrates: 0.02–20 mg/l        |
| Chloride: 10–500 mg/l                 | Ozone: 0.01–2.0 mg/l          |
| Free chlorine: 0.01–5.0 mg/l          | Hydrogen peroxide: 1–100 mg/l |
| Total chlorine: 0.01–5.0 mg/l         | pH: 6.8 – 8.4                 |
| Free chlorine released: 0.01–10 mg/l  | Salt level: 0–10.000 mg/l     |
| Total chlorine released: 0.01–10 mg/l | Sulphates: 5–200 mg/l         |
| Chlorine range: 1–250 mg/l            |                               |

### 5-IN-1 PHOTOMETER PC TEST KIT



- Chlorine range: 0.05–6.0 mg/l
- ph range: 6.5–8.4
- Cyanuric acid range: 0–80.0 mg/l
- Alkalinity range: 5–200 mg/l
- Calcium hardness range: 50–500 mg/l

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	54568	1	1.0	0.049

### PHOTOMETER REAGENTS



03009



	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Phenol reagent tablets (pH)	250 units	03019	1	0.1	0.004
DPD-1 reagent tablets	250 units	03009	1	0.1	0.004
DPD-3 reagent tablets	250 units	03014	1	0.1	0.004
MPS-OUT reagent tablets (test for the amount of chlorine in the presence of Oximines)	250 units	08679	1	0.1	0.004
Isocyanuric acid reagent tablets	250 units	08345	1	0.1	0.004
Other reagents		Consult			

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.



TESTERS

ANALYSIS ACCESSORIES

## SD SERIES PORTABLE METERS

It consists of a series of easy-to-use and portable devices for the precise measurement of different parameters. With the robust and waterproof casing (IP67), these equipments are the ideal solution for on-site testing of swimming pools and spas. The intuitive scroll function and backlit display allow for easy measurement and simultaneous display of results. The memory for 25 data sets, in each case with date and time, allows the recording of the main parameters with ease.

- Scroll function.
- Compact and robust.
- Screen backlight.
- Waterproof (IP67).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Portable Meter SD 50 pH	68110	1	-	-
Portable Meter SD 60 ORP	68064	1	-	-
Portable Meter SD 90 SALT	68066	1	-	-

Parameter	SD 50 pH	SD 60 ORP	SD 90 SALT
Measuring Range	0-60 °C, 0-14 pH	0-60 °C, 1800 ~1800 mV	0-60 °C, < 20.00 ppt (2.00%)
Resolution	0.01 pH	0.01 mV (up to ± 1000 mV) 1 mV more than ± 1000 mV)	0.01 in measuring range % 1 ppm (< 2000 ppm) 0.01 ppt (2.0 - 20.00 ppt)
Precision	+/- 0.05 pH	± 20 mV	+/- 3% FS
Automatic conversion	-	-	ppm: 0 - 999 ppt: 2.00 - 20.00
Temperature resolution	0.1 °C; Precision: ± 1°C, °C/°F system seleccionable	0.1 °C; Precision: ± 1°C, °C/°F system seleccionable	0.1 °C; Precision: ± 1°C, °C/°F system seleccionable
Adjustment	1, 2 or 3 points by automatic model	Adjustment in 1 point ± 150 mV value ORP selectable	Adjustment till 2 points for manual model ± 50% about indicated value
Temperature compensation	Automatic	Automatic	Automatic
Memory	For 25 data sets (permanent)	For 25 data sets (permanent)	For 25 data sets (permanent)
Screen	22 * 22 mm LCD	22 * 22 mm LCD	22 * 22 mm LCD
Power	2 batteries AAA	2 batteries AAA	2 batteries AAA
Battery	> 25 hours	> 25 hours	> 25 hours
Disconnection	After 8 min	After 20 min	After 8 min

TESTERS

ANALYZERS

## TB 211 IR TURBIDIMETER

TB 211 IR is an instrument that measures turbidity using infrared. The measurement range is from 0.01-1100 NTU. This product complies with the UNE-ISO 17381 standard. Ideal for public swimming pools. Measurement cycle of 8 seconds. It has a high resolution and precision of the measurements.

- Optical with temperature compensation and photosensor amplifier in waterproof measurement compartment.
- Memory for max. 1000 data fields.
- USB cable included for direct data transfer to a PC.

Advice for use: Scrupulously follow the instructions that come with the equipment. Cuvettes should be thoroughly cleaned and rinsed after each determination. You should always carry out the analysis with dry hands.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	72689	1	-	-



TESTERS

ANALYZERS



## MD-100 AND MD-110 PHOTOMETERS

Fast and accurate multiparameter photometers for public pools MD-100 and MD110 (bluetooth interface) in pocket format.

- Waterproof (analog IP 68, 1 hour at 0.1 meters).
- Calibration operation indicator.
- Scroll Memory.
- Illuminated screen.
- Automatic disconnection.
- Real time clock and date.
- Suitability of measurement and test equipment.
- The zero value will be memorized (One Time Zero - OTZ).
- Tips for use: After turning on the device, the last method that had been chosen before the device was turned off will automatically be displayed. Scrupulously follow the instructions that come with the equipment. Cuvettes should be thoroughly cleaned and rinsed after each determination. You should always carry out the analysis with dry hands.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
MD100 2-in-1 Photometer	52629	1	-	-
MD100 3-in-1 Photometer	52630	1	-	-
MD100 5-in-1 Photometer	52632	1	-	-
MD100 6-in-1 Photometer	52633	1	-	-
MD110 3-in-1 Photometer	68070	1	-	-
MD110 4-in-1 Photometer	68071	1	-	-
MD110 6-in-1 Photometer	68072	1	-	-



## MD-200 PHOTOMETERS

Fast and accurate MD-200 multiparameter photometers for public pools.

- Waterproof (analog IP 68, 1 hour at 0.1 meters).
- Calibration operation indicator.
- Scroll Memory.
- Illuminated screen.
- Automatic disconnection.
- Real time clock and date.
- Suitability of measurement and test equipment.
- The zero value will be memorized (One Time Zero - OTZ).
- Chlorine range: 0.05 - 6.0 mg/l
- pH range: 6.5 - 8.4
- Cyanuric acid range: 0 - 80.0 mg/l
- Alkalinity range: 5 - 200 mg/l (only MD200 5 in 1 and MD200 6 in 1)
- Calcium hardness range: 50 - 500 mg/l (only MD200 5 in 1 and MD200 6 in 1)
- Bromine range: 0.05 - 13 mg/l (MD200 6 in 1 only).

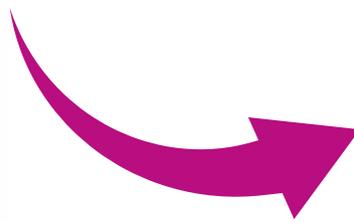
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
MD200 3-in-1 Photometer	54567	1	1	0.049
MD200 5-in-1 Photometer	54568	1	1	0.049
MD200 6-in-1 Photometer	55152	1	1	0.049



# ctx<sup>®</sup> pro

# We know, we take care, we live the water.

Our formula is unique: care, technology, knowledge.  
Now with a new design, clearer and more functional.



## New design

Reference

Name of the product

Benefits and advantages of the product

Family & type of product



Format of the product

Usage guide



## Everything you need for a healthy and perfect water in 4 steps:



**1**

### Balance

Maintains water parameters at optimal levels.



**2**

### Disinfection

Disinfects water and kills microorganisms.



**3**

### Algicide

Prevents algae, preventing their appearance.



**4**

### Crystal Water

Removes dirt and cloudiness, crystal clear water.

Take care of the elements of your pool for a perfect efficacy.

### Cleaning products



Take care of your pool during Winter.

### Winter products



And if any type of problem arises, or you need extra care, a complete range of **CTX Solutions**.



**ctx<sup>®</sup>  
pro**

**The caring formula**

ctxprofessional.com

POOL CHEMICALS CTX

REGULATORS



## CTX 10 pH MINUS GRANULATE



Reduces pH values over 7.6.

- Improves bathing comfort.
- Optimizes disinfectant efficacy.
- Prevents limescale.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
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**IMMEDIATE**



**150g / -0.2pH / 10m<sup>3</sup>**

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 10 pH Minus	5 kg	74650	4	720	-
CTX 10 pH Minus	40 kg	03108	-	480	-



## CTX 15C pH MINUS PROFESSIONAL USE LIQUID



Reduces pH values over 7.6.

- Improves bathing comfort
- Optimizes disinfectant efficacy.
- Prevents limescale.
- Ideal for pump dosing.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
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**IMMEDIATE**



**120ml / -0.2pH / 10m<sup>3</sup>**

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 15c pH Minus Pro	10 l	28399	1	600	-
CTX 15c pH Minus Pro	20 l	17181	1	480	-

Professional use only



## CTX 15 pH MINUS LIQUID



Reduces pH values over 7.6.

- Improves bathing comfort
- Optimizes disinfectant efficacy.
- Prevents limescale.
- Ideal for pump dosing.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
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**IMMEDIATE**



**325ml / -0.2pH / 10m<sup>3</sup>**

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 15 pH Minus	10 l	73669	1	600	-
CTX 15 pH Minus	20 l	73670	1	480	-

Professional use only



The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

REGULATORS



## CTX 20 pH PLUS GRANULATE

Increases pH values under 7.2.

- Improves bathing comfort
- Optimizes disinfectant efficacy.
- Prevents metal corrosion.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>IMMEDIATE</b>		<b>150g / -0.2pH / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 20 pH Plus	5 kg	74895	4	720	-
	CTX 20 pH Plus	35 kg	03111	-	630	-



## CTX 25 LIQUID pH PLUS

Increases pH values under 7.2.

- Improves bathing comfort
- Optimizes disinfectant efficacy.
- Prevents metal corrosion.
- Ideal for pump dosing.



LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>IMMEDIATE</b>		<b>350ml / -0.2pH / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m <sup>3</sup>	
	CTX 25 pH Plus	20 l	17182	1	480	-

POOL CHEMICALS CTX

REGULATORS



## CTX 21 ALKA PLUS

Alkalinity has an important role as a regulatory effect of pH changes, correcting an unstable pH in the case of low alkalinity.

- Prevents pH fluctuations when alkalinity is between 125-150 ppm.
- Shores up water balance.
- Enhances bathing comfort.

GRANULATED	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>IMMEDIATE</b>			<b>180g / +10ppm / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 21 Alka Plus	6 kg	03212	4	864	-



## CTX 22 CALC +

Increases water hardness at values below 175 ppm to prevent the corrosion of pool materials.

- Water hardness should be between 175 and 300 ppm.

GRANULATED	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>IMMEDIATE</b>			<b>150g / 10ppm / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m <sup>3</sup>
CTX 22 Calc +	5 kg	03214	4	720	-

POOL CHEMICALS CTX

**DISINFECTANTS**



## CTX 200 CLORSHOCK GRANULATE



Chlorine treatment for water recovery.

- Fast-dissolving.
- High water solubility makes it quick to obtain the necessary residual chlorine amount.
- Stable chlorine, lasts longer in the water.
- Does not modify pH.

GRANULATED	EFFICACY	ALL, SPECIALLY LINER AND POLIESTER	DOSAGE			
	<b>IMMEDIATE</b>		<b>150g / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 200gr Clor Shock	25 kg	10905	1	450	-

## CTX 250 CLORSHOCK TABLETS 30g



Chlorine treatment for water recovery.

- Fast-dissolving.
- The tablets have an effervescent effect ensuring swift rise in chlorine rate.
- Stable chlorine, lasts longer in the water.
- Does not modify pH.
- Recommended for use in tiled pools or in skimmer.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>IMMEDIATE</b>		<b>7 tablet / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 250 ClorShock	1 kg	75133	18	432	-
	CTX 250 ClorShock	5 kg	75134	4	720	-
	CTX 250 ClorShock	25 kg	75135	1	450	-

These new codes only affect new formulas with low boric (European legislation)

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

**DISINFECTANTS**



## CTX 12 CHLORINE-BROMINE NEUTRALIZER



Reduces chlorine or bromine residual excess.

- Quickly removes the disinfectant excess so bathers can enjoy the pool safely.

GRANULATED	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>IMMEDIATE</b>			<b>10g / -0.5ppm / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 12 Chlorine-bromine neutralizer	6 kg	03211	4	576	C01

## CTX 300 CLORLENT GRANULATE



Chlorine treatment for disinfecting the pool.

- Essential for ongoing pool treatment since the disinfectant is released as the water needs it.
- Stable chlorine, lasts longer in the water.
- Suitable for shock treatments and general maintenance.

GRANULATED	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>DAILY</b>			<b>10g / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 300/gr ClorLent	25 kg	19195	1	450	-
CTX 300/gr ClorLent	50 kg	03159	-	600	-

POOL CHEMICALS CTX

**DISINFECTANTS**



## CTX 370 CLORLENT TABLETS 250g



Chlorine treatment for disinfecting the pool.

- Slow-dissolving and continuous disinfection.
- Stable chlorine, lasts longer in the water.
- Dosing from the skimmer or in a floating dosing device is advised. Avoid direct contact with pools made with a polyester or vinyl liner or painted pools as it can cause discolorations.

These new codes only affect new formulas with low boric (European legislation)

TABLET	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>WEEKLY</b>			<b>1 tablet / 25m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 370 ClorLent	25 kg	75138	1	450	-



## CTX 120 HYPOCAL



Calcium hypochlorite treatment for disinfecting the pool.

- Fast-dissolving.
- Unstabilized chlorine, no cyanuric acid is added to the water.
- Suitable for shock treatments and general maintenance.

GRANULATED	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>DAILY</b>			<b>10g / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 120 Hypocal	25 kg	03131	1	450	-



## CTX 400 CLORPROTECT



Keeps water disinfected for longer.

- Extends the disinfect action of chlorine since it prevents the rapid destruction caused by ultraviolet sunlight.
- Supplement for salt electrolysis or unstabilized chlorine treatments.
- For outdoor pools.
- Introduce the product in the skimmer or pump prefilter.



POWDER	EFFICACY	ALL TYPES OF POOLS		DOSAGE	
	<b>IMMEDIATE</b>			<b>400g / 10m<sup>3</sup></b>	
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 400 ClorProtect	4.5 kg	73127	4	648	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

**DISINFECTANTS**



## CTX 161 CLORLIQUID



Liquid chlorine for continuous water disinfection.

- Non-stabilized chlorine, does not add cyanuric acid in water.
- Suitable for shock treatments and general maintenance.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>DAILY</b>		<b>500ml / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 161 ClorLiquid	20 l	47191	1	560	-



## CTX 390 MULTIACTION



Multi-action, occasional-use chlorine treatment.

- Stable chlorine, lasts longer in the water.

GRANULATED	EFFICACY	ALL, SPECIALLY TILE POOLS	DOSAGE			
	<b>DAILY</b>		<b>15g / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 390 Multiaction	25 kg	19196	1	450	-



## CTX 342 MULTIACTION 5 TABLETS 250g



Multi-action chlorine treatment for pool maintenance.

- Slow and continuous dissolution.
- Disinfection, antialgae, flocculant, coagulant, chlorine stabilizer.

TABLET	EFFICACY	ALL, SPECIALLY LINER AND POLIESTER	DOSAGE			
	<b>WEEKLY</b>		<b>1 tablet / 25m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 342 Multiaction 5	25 kg	75142	1	450	-

These new codes only affect new formulas with low boric (European legislation)

POOL CHEMICALS CTX

**DISINFECTANTS**



## CTX 393 MULTIACTION 5 TABLETS 250g



Multi-action chlorine treatment for pool maintenance.

- Slow and continuous dissolution.
- Disinfection, antialgae, flocculant, coagulant, chlorine stabilizer.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	<b>WEEKLY</b>		<b>1 tablet / 25m<sup>3</sup></b>

These new codes only affect new formulas with low boric (European legislation)

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 393 Multiaction 5	25 kg	75145	1	450	-



## CTX 130 BROMINE



Bromine treatment to disinfect the pool.

- Very slow-dissolving and continuous disinfection.
- Pleasant bathing, no odors.
- Does not irritate eyes.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	<b>WEEKLY</b>		<b>1.0 - 3.0 ppm</b>

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>
CTX 130 Bromine	20 kg	27129	1	540	-

POOL CHEMICALS CTX

**ALGICIDES**



## CTX PHOSFREE



Concentrated product to instantly remove algae-producing phosphates by inhibiting their growth.

- Prevents the appearance of algae.
- Compatible with all disinfectants.
- Enhances salt electrolysis output.
- With an easy-to-use dosing bottle.
- Phosphate concentration should be kept below 25ppb to prevent algae formation.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE		
 <b>CONCENTRATED</b>	<b>WEEKLY</b>		<b>12ml / 10m<sup>3</sup></b>		
Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>	
CTX Phosfree	63108	12	480	-	

## CTX 500 ALGASTOP



Prevents algae formation and growth.

- Powerful bactericide, algaecide and fungicide.
- Fast-acting, long-lasting.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE		
	<b>WEEKLY</b>		<b>50ml / 10m<sup>3</sup></b>		
Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>	
CTX 500 Algastop	25 l	03195	1	600	-

## CTX 60 ALGASTOP CRISTAL



Prevents algae formation and growth.

- Increases water transparency.
- Keeps water looking blue color.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE		
	<b>WEEKLY</b>		<b>50ml / 10m<sup>3</sup></b>		
Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>	
CTX 60 AlgaStop Cristal	5 l	03190	4	640	-
Special product under order	25 l	-	-	-	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

## POOL CHEMICALS CTX

## ALGICIDES

ctx  
pro

## CTX 530 ALGASTOP ULTRA

Prevents algae formation and growth.

- Powerful bactericide, algaecide and fungicide.
- Fast-working, long-lasting.
- Non-foaming, making it ideal for pools with counterflow systems or similar, water parks, etc.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>WEEKLY</b>		<b>25ml / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>	
	CTX 500C Algastop Power	25 l	03205	1	600	-

## POOL CHEMICALS CTX

## FLOCCULANTS

ctx  
pro

## CTX 42 FLOCCULANT TABLETS 100g

Removes the particles from the water that turn it cloudy.

- Improves water transparency.
- Coagulant action.
- Place tablet in skimmer.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>10 DAYS</b>		<b>1 TABLET UP TO 50m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 42 Flocculant	25 kg	03120	1	450	-

## CTX 41 FLOCCULANT LIQUID

ctx  
pro

Shock treatment that removes the particles from the water that turn it cloudy.

- Clarifies the water, restoring transparency.
- Fast-acting.
- Improves disinfectant output.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>8h</b>		<b>100ml / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 41 Flocculant	25 l	03118	1	600	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

CLEANERS



## CTX 51 WALLCLEANER PLUS



Cleans the pool basin.

- Removes dirt, metal, and lime from the pool surface.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE		
	<b>30min</b>		<b>2l / 10m<sup>3</sup></b>		
	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>
CTX 51 WallCleaner Plus	25 l	03125	1	600	-



## CTX 75 WATERLINE CLEANER



Cleans the waterline.

- Gel detergent specially formulated to remove oil, dirt, and limescale from pool edges, walls and surrounds as required.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE		
	<b>IMMEDIATE</b>		<b>SPONGE</b>		
	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>
CTX 75 Waterline Cleaner	25 l	03223	1	600	-

POOL CHEMICALS CTX

CLEANERS



## CTX 57 NETALFILTER



Cleans the inside of sand filters.

- Eliminates limescale deposits caused by dirt in the water and subsequent buildup in the sand filters.
- Non-foaming.
- For stainless steel or sand/polyester, silex or ecoglass.

LIQUID	EFFICACY	POOLS WITH SAND FILTER	DOSAGE			
	<b>4h / 8h</b>		<b>2 l / 10kg sand</b>			
	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>	
	CTX 57 Netafilter	5 l	08671	4	640	-

POOL CHEMICALS CTX

WINTERISING PRODUCTS



## CTX 550 WINTERSTAR



Complete treatment in winter.

- Prevents algae and bacteria proliferation.
- Prevents the formation of lime.
- Non-foaming.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>3 MONTHS</b>		<b>500ml / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 550 WinterStar	25 l	20906	1	600	-

## CTX 551 WINTERSTAR LINER



Complete treatment in winter.

- Prevents algae and bacteria proliferation.
- Non-foaming.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE			
	<b>3 MONTHS</b>		<b>830ml / 10m<sup>3</sup></b>			
	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m <sup>3</sup>	
	CTX 551 WinterStar Liner	5 l	17228	4	640	-
	Special product under order	25 l	-	-	-	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

SPA CHEMICALS CTX

**BALANCE**



## CTX 911 PH MINUS



Granulated product to reduce the pH of the spa water. Fast dissolution without residues. Improves bathing comfort in the SPA

- Optimises the efficiency of the disinfectant
- Prevents limescale build-up

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 911 pH Minus	1 kg	75976	9	324	-



## CTX 912 PH PLUS



Granulated product to increase the pH of the spa water. Fast dissolution without residues. Improves bathing comfort in the SPA

- Optimises the efficiency of the disinfectant
- Prevents metal corrosion

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 912 pH Plus	1 kg	75977	9	324	-



## CTX 913 HARDNESS STABILIZER



Liquid to prevent limescale. Prevents stains and save water from becoming cloudy.

- Removes and prevents limescale build-up
- Helps prevent filter clogging and corrosion of the metal parts of the circulation and filtration system

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 913 hardness stabilizer	1 l	75978	9	324	-

**DISINFECTION**



## CTX 921 BROMINE TABLETS



Bromine tablets for water disinfection without smell and with a long-lasting effect. Very slow and continuous dissolution

- Pleasant bath without odors
- No eye irritation

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 921 bromine tablets	1 kg	75979	9	324	-

SPA CHEMICALS CTX

**DISINFECTION**



## CTX 922 GRANULATE CHLORINE



Chlorine granules to disinfect and guarantee hygienic spa water.  
Stabilized chlorine, long lasting in water

- Its high solubility in water allows the required amount of residual chlorine to be obtained quickly
- Does not change the pH

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 922 granulate chlorine	1 kg	75980	9	324	-

**CRYSTAL CLEAR**



## CTX 931 CLARIFYER



Concentrated liquid to prevent cloudy water problems in the spa. For all types of filters.  
Clarifies water

- Quick action
- Improves disinfectant performance

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 931 clarifier	1l	75981	9	324	-



## CTX 932 ANTI FOAM



Liquid to remove spa foam. Fast and effective action.  
Removes limescale deposits caused by salts in the water and dirt deposited in the pipes

- Non-foaming

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 932 anti foam	1l	75985	9	324	-

**CLEANING**



## CTX 941 FILTER CLEANER



Liquid for cleaning cartridge filters.  
Does not alter water parameters

- Surface friendly

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 941 filter cleaner	1l	75982	9	324	-

SPA CHEMICALS CTX

CLEANING



## CTX 942 SURFACE CLEANER



Concentrated liquid for cleaning the interior lining of spas. For all types of surfaces.

- Does not alter water parameters
- Surface friendly

	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>
CTX 942 surface cleaner	1l	75983	9	324	-



## CTX 943 PIPEWORK CLEANER



Liquid to degrease and clean hydraulic circuit.

Removes limescale deposits caused by salts in the water and dirt deposited in the pipes

- Non-foaming

	Format	Code	Standard Pack	Pallet LT	Standard volume in m <sup>3</sup>
CTX 943 Pipework Cleaner	1l	75984	9	324	-

KIT



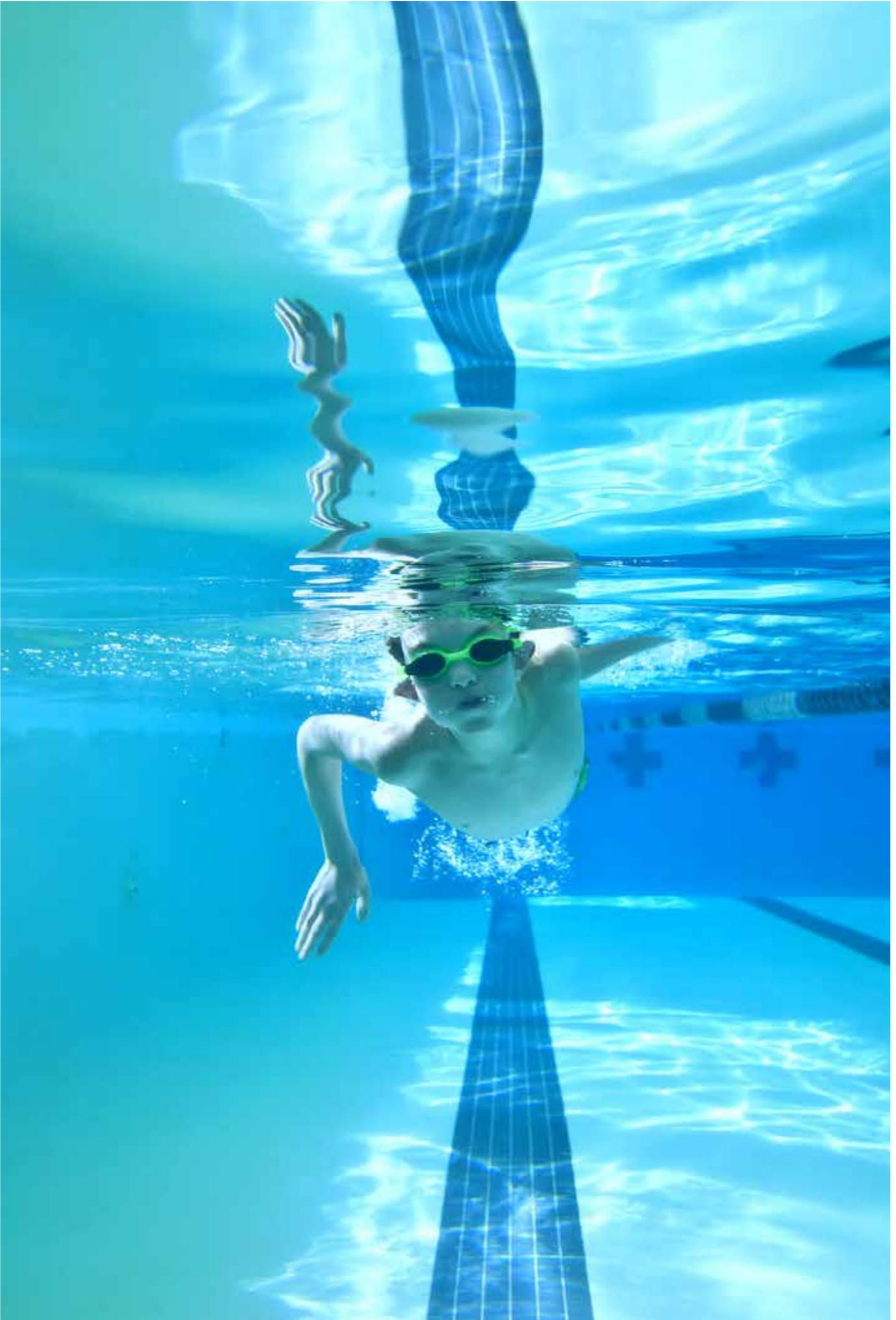
## CTX 971 KIT BROMINE



Kit for the disinfection of spa water with bromine.

- pH-Minus
- Bromine Tablets
- Clarifier
- Anti foam
- Test Strips

	Format	Code	Standard Pack	Pallet weight	Standard volume in m <sup>3</sup>
CTX 971 Kit Bromine	-	75987	72	288	-





## POOLS

# WATER TREATMENT EQUIPMENT

### 235 SALT ELECTROLYSIS

- 236 Pro-chlore Salt
- 237 Nature Salt Plus
- 238 Easy Salt
- 239 Easy Salt Next VC
- 239 Self-cleaning electrodes

### 240 NEOLYSIS

- 240 Neolysis S (5-6 g/L) + UV
- 241 Neolysis LS (1.5-2 g/L) + UV
- 242 LS/S Neolysis lamps
- 242 LS/S Neolysis electrodes

### 243 AUTOMATIC UV DISINFECTION

- 243 Heliox UV LP / MP
- 244 Heliox UV MP
- 245 Heliox UV MP lamps
- 245 Heliox UV LP
- 245 Heliox UV LP S.S. (Stainless Steel)
- 246 Heliox UV LP PE (PolyEthylene)
- 246 Heliox UV LP lamps

### 247 DOSING PUMPS

- 247 Acqua Dos Dosing pumps
- 250 Optima dosing pumps
- 252 Peristaltic dosing pumps
- 252 Polyethylene cylindrical tanks
- 253 Manual stirrer

### 253 CONTINUOUS FLOCCULATION SYSTEM

- 253 Flocc System

### 253 WATER METERS

- 253 Woltman type turbine meters

### 254 AUTOMATIC REGULATION AND CONTROL EQUIPMENT

- 254 AP PR-200  
Compatible with water electrolysis
- 254 Control Connect  
The smart multi-setting controller
- 255 Amperometric Chlorine Sensors
- 255 pH / ORP Sensors
- 255 Calibration Solutions
- 255 Pool Patrol
- 256 Guardian Pool
- 257 Controller
- 258 Installation diagram for organic Chlorine or Bromine
- 259 Installation diagram for Inorganic Chlorine



## SALT ELECTROLYSIS

In salt chlorination systems, disinfection is achieved by adding salt to the pool water and applying a direct current to the electrolytic cells.

Depending on the amount of salt added to the water, there are two types of chlorinators. Normal salinity chlorinators in which 5 - 6 grams of salt is added per liter of water, and low salinity chlorinators in which 2 - 3 grams of salt is added per liter of water. To give an order of magnitude, seawater has a concentration of 35 g/l.

The current applied to the plates of the electrolytic cells causes chemical reactions in which chlorine gas is generated. This chlorine combines with the pool water to form, among other compounds, hypochlorous acid, which is a strong disinfectant. As the energy provided by the electrical current in the cell is dissipated, the chemical reaction is reversed and we have salt dissolved in the water again. This is a cyclic process in which no component is lost. We will only have to add salt when we make large water renewals.

Salt chlorination has great benefits such as:

**Safety:** In salt electrolysis systems it is not necessary to store, handle or dose any chemical compound, providing greater safety. The raw material for storage is common salt.

**Savings:** The incorporation of salt electrolysis systems means net savings in operating costs of around 50-60% compared to traditional systems.

**Reduction in the use of chemical products:** disinfection is achieved with common salt, so we only need to use chemicals to regulate the pH, flocculants if necessary and the prevention and elimination of algae.

**More pleasant end-user experience:** with salt electrolysis we reduce stinging eyes, chlorine smell and it does not dry the skin as much as chlorine.

### TECHNICAL FEATURES

	Salinity	Production g/h	Control	Display	Connectivity	Historical data
Pro-Chlore Salt	5-6 g/l recommended	50 - 600	pH/ORP pH/ppm	LCD color touch screen	NN Thing	Yes
Nature Salt Plus	2-2,5 g/l recommended	50 - 300	pH/ORP pH/ppm	LCD color touch screen	NN Thing	Yes
Easy Salt	5-6 g/l recommended	50 - 180	pH/ORP	LCD Display	NN Thing	Yes
Easy Salt Next VC	5-6 g/l recommended	75 - 190	pH/ORP external	HMI with touch control	NN Thing	No

SALT ELECTROLYSIS



PRO-CHLORE SALT

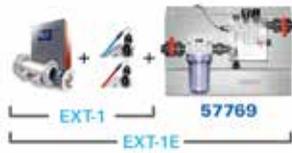


Our Pro-Chlore Salt range includes EX electrodes that provide the highest level of durability in self-cleaning systems. The Pro-Chlore Salt range with its integrated EXTENSION options (EXT-1, EXT-1E, EXT-2) or external control options (AP PR200, Control Connect) includes a control and regulation system for ORP values (Redox) or ppm, as well as pH, allowing improved management of the equipment and an excellent water quality at all times. The Pro-Chlore range can be manufactured, on request, for seawater (Pro Chlore Salt AM Series). To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Pro-Chlore Salt A-50EX	35252	1	55	0.17
Pro-Chlore Salt A-80EX	35253	1	65	0.19
Pro-Chlore Salt A-120EX	35254	1	100	0.36
Pro-Chlore Salt A-180EX	35255	1	120	0.36
Pro-Chlore Salt A-300EX	35256	1	140	0.36
Pro-Chlore Salt A-600EX	35257	1	200	0.74

External control option  
(AP PR 60359-60361-60362,  
Control Connect 71537-8-9)



Pro-Chlore Salt A-50EX + pH/ORP (EXT-1)	35258	1	55	0.17
Pro-Chlore Salt A-80EX + pH/ORP (EXT-1)	35259	1	65	0.19
Pro-Chlore Salt A-120EX + pH/ORP (EXT-1)	35260	1	100	0.36
Pro-Chlore Salt A-180EX + pH/ORP (EXT-1)	35261	1	120	0.36
Pro-Chlore Salt A-300EX + pH/ORP (EXT-1)	35262	1	140	0.36
Pro-Chlore Salt A-600EX + pH/ORP (EXT-1)	35263	1	200	0.74

Optional sensor holder for EXT-1  
(EXT-1+57769=EXT-1E)

	57769	1	-	-
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Pro-Chlore Salt A-50EX + pH/PPM (EXT-2)	45836	1	60	0.17
Pro-Chlore Salt A-80EX + pH/PPM (EXT-2)	45837	1	70	0.19
Pro-Chlore Salt A-120EX + pH/PPM (EXT-2)	45838	1	105	0.36
Pro-Chlore Salt A-180EX + pH/PPM (EXT-2)	45839	1	125	0.36
Pro-Chlore Salt A-300EX + pH/PPM (EXT-2)	45840	1	145	0.36
Pro-Chlore Salt A-600EX + pH/PPM (EXT-2)	45841	1	205	0.74

Sensor holder included with EXT-2

Options for seawater (on request).  
Example: 45836-AM.



AM



**Optional:**

Connection kit compatible with  
Fluidra Connect

	60363	1	0.39	0.002
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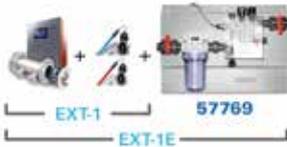
TECHNICAL FEATURES

	A-50	A-80	A-120	A-180	A-300	A-600
Power supply (AC)	230 V / 50 - 60 Hz			400 V / 50 - 60 Hz		
Power rating (AC)	1.5 A	2.4 A	3.9 A	2.2 A	3.6 A	7.2 A
Input (AC)	3 x 1.0 mm <sup>2</sup>	3 x 1.0 mm <sup>2</sup>	3 x 2.5 mm <sup>2</sup>	5 x 1.5 mm <sup>2</sup>	5 x 4 mm <sup>2</sup>	5 x 4.0 mm <sup>2</sup>
Output (DC)	2 x 10 mm <sup>2</sup>	2 x 25 mm <sup>2</sup>	2 x 35 mm <sup>2</sup>	2 x 70 mm <sup>2</sup>	2 x 120 mm <sup>2</sup>	3 x 240 mm <sup>2</sup>
Pipe connection	Female thread 1½"	Flanges D63 mm		Flanges D90 mm		
Fuse	5 AT (6 x 32 mm)	7 AT (6 x 32 mm)	10 AT (6 x 32 mm)	QM K10A	QM K20A	QM K25A
Outlet	10.5 V / 25 A	10.5 V / 40 A	11.2 V / 60 A	9 V / 90 A	9 V / 150 A	9 V / 300 A
Cooling	Natural			Fan		
Minimum flow rate	8 m <sup>3</sup> /h	14 m <sup>3</sup> /h	20 m <sup>3</sup> /h	30 m <sup>3</sup> /h	50 m <sup>3</sup> /h	100 m <sup>3</sup> /h
Number of plates per electrode	8	12	8	12	16	2 x 15

SALT ELECTROLYSIS



NATURE SALT PLUS



Nature Salt Plus is the most sustainable answer for the commercial pool, 2 g salt/litre operation. SELF-CLEANING industrial salt electrolysis system for public pool applications of up to 300 g chlorine/hour. High pressure cells (polypropylene) fitted with high quality electrodes. To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Nature Salt 50EX/LS	53810	1	80	0.17
Nature Salt 80EX/LS	53811	1	90	0.19
Nature Salt 120EX/LS	53812	1	130	0.36
Nature Salt 180EX/LS	53813	1	145	0.36
Nature Salt 300EX/LS	53814	1	170	0.36
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
Nature Salt 50EX/LS + pH/ORP (EXT-1)	53815	1	80	0.17
Nature Salt 80EX/LS + pH/ORP (EXT-1)	53816	1	90	0.19
Nature Salt 120EX/LS + pH/ORP (EXT-1)	53817	1	130	0.36
Nature Salt 180EX/LS + pH/ORP (EXT-1)	53818	1	145	0.36
Nature Salt 300EX/LS + pH/ORP (EXT-1)	53819	1	170	0.36
Optional sensor holder for EXT-1 (EXT-1+57769=EXT-1E)	57769	1	-	-
Nature Salt 50EX/LS + pH/PPM (EXT-2)	53820	1	85	0.36
Nature Salt 80EX/LS + pH/PPM (EXT-2)	53821	1	95	0.36
Nature Salt 120EX/LS + pH/PPM (EXT-2)	53822	1	135	0.36
Nature Salt 180EX/LS + pH/PPM (EXT-2)	53823	1	150	0.74
Nature Salt 300EX/LS + pH/PPM (EXT-2)	53824	1	175	0.74
Sensor holder included with EXT-2				
<b>Optional:</b>				
Connection kit compatible with Fluidra Connect	60363	1	0.39	0.002

SALT ELECTROLYSIS



EASY SALT

SELF-CLEANING salt electrolysis system for public pool applications of up to 180 g chlorine/hour. Easy Salt is a compact and cost-competitive piece of equipment. To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Easy Salt 50	66151	1	30	0.29
Easy Salt 70	53799	1	70	0.29
Easy Salt 90	53801	1	80	0.29
Easy Salt 180	53803	1	90	0.29
<b>External control option</b> (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
Easy Salt 50 + pH/ORP (EXT-1)	66153	1	30	0.29
Easy Salt 70 + pH/ORP (EXT-1)	53800	1	70	0.29
Easy Salt 90 + pH/ORP (EXT-1)	53802	1	80	0.29
Easy Salt 180 + pH/ORP (EXT-1)	53804	1	90	0.29
<b>Optional sensor holder for EXT-1</b> (EXT-1+66448 = EXT-1D)				
	66448	1	-	-
<b>Optional:</b> Connection kit compatible with Fluidra Connect				
	60363	1	0.39	0.002

Our salt water Chlorinators range

TECHNICAL FEATURES

	Salinity	Production g/h	Control	Display	Connectivity	Historical data
Pro-Chlore Salt	5-6 g/l recommended	50 - 600	pH/ORP pH/ppm	LCD color touch screen	NN Thing	Yes
Nature Salt Plus	2-2,5 g/l recommended	50 - 300	pH/ORP pH/ppm	LCD color touch screen	NN Thing	Yes
Easy Salt	5-6 g/l recommended	50 - 180	pH/ORP	LCD Display	NN Thing	Yes
Easy Salt Next VC	5-6 g/l recommended	75 - 190	pH/ORP external	HMI with touch control	NN Thing	No

SALT ELECTROLYSIS

EASY SALT NEXT VC



Easy Salt Next VC is the new generation of salt chlorinators for public swimming pools with an output of up to 190 g/h. The activated titanium electrodes with self-cleaning system have a life of more than 12,000 hours. This new model incorporates a gas sensor and flow detector, as well as a new touch screen display with more information and programming options. If you want to regulate the production according to the pH and ORP values, you have to do it with the external control AP PR-200 included in the pH/ORP codes. To control more than one unit, the TRI Kit is required.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Easy Salt Next VC 75 g/h	76376	1	25	0.29
Easy Salt Next VC 100 g/h	76378	1	25	0.29
Easy Salt Next VC 150 g/h	76380	1	35	0.29
Easy Salt Next VC 190 g/h	76382	1	35	0.29
Easy Salt Next VC 75 pH/ORP	76377	1	25	0.29
Easy Salt Next VC 100 pH/ORP	76379	1	25	0.29
Easy Salt Next VC 150 pH/ORP	76381	1	35	0.29
Easy Salt Next VC 190 pH/ORP	76383	1	35	0.29



SELF-CLEANING ELECTRODES



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pro-Chlore Salt Series</b>				
A-50EX/EXT-1/EXT-2	60634	1	-	-
A-80EX/EXT-1/EXT-2	60636	1	-	-
A-120EX/EXT-1/EXT-2	60676	1	-	-
A-180EX/EXT-1/EXT-2	60677	1	-	-
A-300EX/EXT-1/EXT-2	60678	1	-	-
A-600EX/EXT-1/EXT-2	60679	1	-	-
<b>Nature Salt Plus Series</b>				
A-50EX/LS/EXT-1/EXT-2	60680	1	-	-
A-80EX/LS/EXT-1/EXT-2	60681	1	-	-
A-120EX/LS/EXT-1/EXT-2	60682	1	-	-
A-180EX/LS/EXT-1/EXT-2	60683	1	-	-
A-300EX/LS/EXT-1/EXT-2	60684	1	-	-
<b>Easy Salt Series</b>				
EASY SALT 50/EXT-1	68104	1	-	-
EASY SALT 70/EXT-1	60685	1	-	-
EASY SALT 90/EXT-1	60686	1	-	-
EASY SALT 180/EXT-1	60687	1	-	-
<b>Easy Salt Next VC Series</b>				
EASY SALT NEXT VC 75 g/h	76351	1	-	-
EASY SALT NEXT VC 100 g/h	76352	1	-	-
EASY SALT NEXT VC 150 g/h	76353	1	-	-
EASY SALT NEXT VC 190 g/h	76354	1	-	-

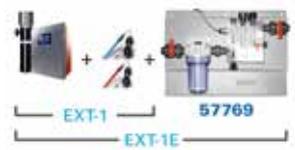
NEOLYSIS

- + Unbeatable water quality.
- + Dual disinfection based on UV and electrolysis.

- Neolysis, the most advanced water treatment by AstralPool:  
+ Sustainability + Innovation + Disinfection + Healthy.
- Two options: low salinity of 2-3 g/l (Neo LS) and standard salinity of 6 g/l (Neo S).
- The ultimate in chloramine reduction capacity (UV LP + Electrolysis).
- Self-cleaning electrodes that last 12,000-15,000 hours (NeoLS and Neo S).
- LP HO UV lamp (13,000 hours)
- Patented process.
- To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).



NEOLYSIS S (5-6 G/L) + UV



EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2



Fluidra Connect compatible



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
AP NEO/S 50 Gr/h + UV 75 W	66142	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66143	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66144	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68120	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68123	1	-	-
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
<b>With pH/ORP (EXT-1)</b>				
AP NEO/S 50 Gr/h + UV 75 W	66145	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66146	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66147	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68121	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68124	1	-	-
Optional sensor holder for EXT-1	57769	1	-	-
<b>With pH/PPM (EXT-2)</b>				
AP NEO/S 50 Gr/h + UV 75 W	66148	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66149	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66150	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68122	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68125	1	-	-
<b>Optional:</b>				
Connection kit compatible with Fluidra Connect (without lamp control)	60363	1	0.39	0.002

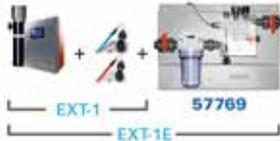
TECHNICAL FEATURES

AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Production Salt Electrolysis + UV
66142	66145	66148	50 gr Cl <sub>2</sub> /hr + 75 W UV
66143	66146	66149	80 gr Cl <sub>2</sub> /hr + 90 W UV
66144	66147	66150	120 gr Cl <sub>2</sub> /hr + 180 W UV
68120	68121	68122	180 gr Cl <sub>2</sub> /hr + 270 W UV
68123	68124	68125	300 gr Cl <sub>2</sub> /hr + 360 W UV

NEOLYSIS



NEOLYSIS LS (1.5-2 G/L) + UV



EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
AP NEO 50 Gr/h + UV 75 W	57753	1	-	-
AP NEO 80 Gr/h + UV 90 W	57761	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57762	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68117	1	-	-
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
<b>With pH/ORP (EXT-1)</b>				
AP NEO 50 Gr/h + UV 75 W	57763	1	-	-
AP NEO 80 Gr/h + UV 90 W	57764	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57765	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68118	1	-	-
Optional sensor holder for EXT-1	57769	1	-	-
<b>With pH/PPM (EXT-2)</b>				
AP NEO 50 Gr/h + UV 75 W	57766	1	-	-
AP NEO 80 Gr/h + UV 90 W	57767	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57768	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68119	1	-	-
<b>Optional:</b>				
Connection kit compatible with Fluidra Connect (without lamp control)	60363	1	0.39	0.002

TECHNICAL FEATURES			
AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Production Salt Electrolysis + UV
57753	57763	57766	50 gr Cl <sub>2</sub> /hr + 75 W UV
57761	57764	57767	80 gr Cl <sub>2</sub> /hr + 90 W UV
57762	57765	57768	120 gr Cl <sub>2</sub> /hr + 180 W UV
68117	68118	68119	180 gr Cl <sub>2</sub> /hr + 270 W UV

WATER TREATMENT EQUIPMENT

NEOLYSIS

LS/S NEOLYSIS LAMPS



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
75-W UV LP-20 lamp (Codes 57753, 57763, 57766, 66142, 66145, 66148)	60608	1	0.10	-
90-W UV LP-25 lamp (Codes 57761, 57764, 57767, 68117, 68118, 68119, 66143, 66146, 66149, 68120, 68121, 68122, 68123, 68124, 68125)	60609	1	0.10	-
Lamp replacement kit UV LP 2x90 W (Codes 57762, 57765, 57768, 66144, 66147, 66150)	60619	1	0.20	-
UV LP-20/25/30 quartz (lamps 75 W and 90 W)	60631	1	0.09	-

LS/S NEOLYSIS ELECTRODES



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Neolysis LS</b>				
50 gr/h - 75 W Neolysis LS electrode (Codes 57753, 57763, 57766)	61119	1	-	-
80 gr/h - 90 W Neolysis LS electrode (Codes 57761, 57764, 57767)	61120	1	-	-
120 gr/h - 2 x 90 W Neolysis LS electrode (Codes 57762, 57765, 57768)	61121	1	-	-
180 gr/h - 3 x 90 W Neolysis LS electrode (Codes 68117, 68118, 68119)	68126	1	-	-
<b>Neolysis S</b>				
50 gr/h - 75 W Neolysis S electrode (Codes 66142, 66145, 66148)	73550	1	-	-
80 gr/h - 90 W Neolysis S electrode (Codes 66143, 66146, 66149)	73551	1	-	-
120 gr/h - 2 x 90 W Neolysis S electrode (Codes 66144, 66147, 66150)	73552	1	-	-
180 gr/h - 3 x 90 W Neolysis S electrode (Codes 68120, 68121, 68122)	73553	1	-	-
300 gr/h - 4 x 90 W Neolysis S electrode (Codes 68123, 68124, 68125)	73554	1	-	-

## AUTOMATIC UV DISINFECTION

### HELIOX UV LP / MP




#### INTRODUCTION

- + AstralPool presents Heliox UV, an automatic UVC light system, which guarantees double disinfection through a significant reduction in the amount of chloramines (bound chlorine) along with the neutralisation of bacteria, viruses and other microorganisms present in water by impeding their reproduction.
- + The range comprises the Heliox UV LP and the Heliox UV MP models for public pools.



#### The advantages of UV-C technology:

- + UV ray treatment systems are completely automatic, with very low maintenance and running costs. They also have considerable advantages over other systems:
- + 100% of pool water is treated.
- + The disinfected water is free of unpleasant smells and does not irritate the eyes, thanks to a drastic reduction in the amount of chloramines.
- + They save money as fewer chemical products are required.
- + They are environmentally friendly because:
  - + Less fresh water is needed (daily water renewal is reduced).
  - + Fewer waste by-products are formed, resulting in a reduction in subsequent water treatment.
  - + The UV-C equipment does not add any chemical products to the water.



#### Heliox-UV operation

- + UV-C disinfection is a local treatment (UV chamber), which takes place as the water in the pool circulates through the chamber that contains the UV-C lamps.
- + The accurate delivery of radiation (W UV-C) and residence time in the system ensure the effective neutralisation of 99.9% of microorganisms, as well as the reduction of chloramines to safe levels (<0.6 ppm).

AUTOMATIC UV DISINFECTION



# HELIOX UV MP

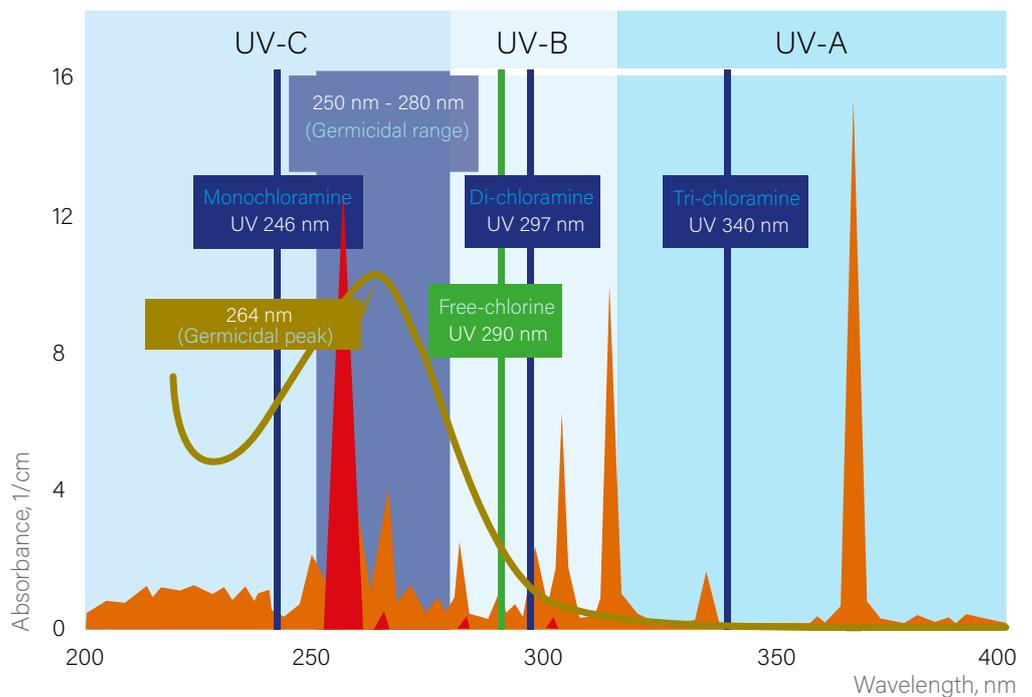


For sea water application, contact with AstralPool

- Heliox UV MP (medium pressure) systems are designed to be used in public pools. These lamps operate over a wide spectrum to cover the whole of the UV region (see graph), which makes possible the effective eradication of chloramines (<0.6 ppm) in the pool water and its efficient disinfection due to the neutralisation of microorganisms (99.9%), including those resistant to chlorine treatment.
- More compact design (UV reactor in AISI-316).
- Adjustable to between 70 and 100% of rated power, in 1% increments, by means of a self-cooling electronic ballast.
- Fluidra technology (design and manufacturing).
- Calibrated UV-C radiation sensor (mW/cm<sup>2</sup>). Precise dose control. Instant power adjustment to process conditions. Saves energy and extends the lamp's lifetime.
- Advanced colour touch screen. System menu for browsing process parameters and log files.

### Advanced versions:

- Embedded web.
- The control architecture used in Heliox UV PM systems has a number of features that make them reliable, energy-efficient and scalable to the highest possible level.
- The Heliox UV MP systems use two parameters for adjusting the power setting: average radiation and flow. All models have a rated radiation profile that ensures a dose of 60mJ/cm<sup>2</sup>. If the flow is lower than the rated value, the same will apply to the required radiation level and the system reduces the power input, thus optimising power consumption and the lamp's lifetime. Likewise, if radiation drops due to losses caused by cloudy water, scaling or lamp emission efficiency, the system will adjust the power so that the right dose is supplied.



- Medium pressure Heliox lamp spectral power distribution
- Low pressure Heliox lamp spectral power distribution
- DNA absorption (Germicidal curve)
- Absorption range
- Free chlorine absorption range

**AUTOMATIC UV DISINFECTION**

**HELIOX UV MP**



+ The medium pressure UV lamp is housed in a quartz sheath which insulates it from contact with water. To ensure that all radiation is transmitted to the water, the quartz sheath must be cleaned. Cleaning can be done manually or automatically. For automatic cleaning, models with Auto Wiper should be chosen.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Heliox UV MP 50	52200	1	-	-
Heliox UV MP 80	52201	1	-	-
Heliox UV MP 140	52202	1	-	-
Heliox UV MP 300	52203	1	-	-
Heliox UV MP 450	52204	1	-	-
Heliox UV MP 675	52205	1	-	-

**Heliox UV MP Auto Wiper**

Heliox UV MP 50 W	58808	1	-	-
Heliox UV MP 80 W	58809	1	-	-
Heliox UV MP 140 W	58698	1	-	-
Heliox UV MP 300 W	58810	1	-	-
Heliox UV MP 450 W	58699	1	-	-
Heliox UV MP 675 W	58811	1	-	-

**HELIOX UV MP LAMPS**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lamp UV MP 50/80 (Codes 52200, 52201, 58808, 58809)	60638	1	0.125	-
Lamp UV MP 140 (Codes 52202, 58698)	60639	1	0.255	-
Lamp UV MP 300/450/675 (Codes 52203, 52204, 52205, 58810, 58699, 58811)	60642	1	0.275	-
Quartz tube case MP 50/80/140	60643	1	0.050	-
Quartz tube case MP 300/450/675	60644	1	0.050	-

**HELIOX UV LP**



+ The medium pressure UV lamp is housed in a quartz sheath which insulates it from contact with water. To ensure that all radiation is transmitted to the water, the quartz sheath must be cleaned. Cleaning can be done manually or automatically. For automatic cleaning, models with Auto Wiper should be chosen.

**New Features of LP S.S. & LP PE:**

- + Stainless steel and polyethylene versions.
- + Multi-lamp version.
- + Fluidra technology (design and manufacturing).
- + Lamp "ON" indicator.
- + Electronic counter for working time and ignitions (lamp lifetime control).
- + Flow switch included as standard.

**HELIOX UV LP S.S. (Stainless Steel)**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
145 S.S. 270 W / 90 W (UVC)	60344	1	-	-
165 S.S. 360 W / 120 W (UVC)	60345	1	-	-
185 S.S. 450 W / 150 W (UVC)	60346	1	-	-
195 S.S. 540 W / 180 W (UVC)	60347	1	-	-

**AUTOMATIC UV DISINFECTION**

**HELIOX UV LP PE (PolyEthylene)**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
P20EX PE 90 W / 30 W (UVC)	63138	1	-	-
P25EX PE 180 W / 60 W (UVC)	63139	1	-	-
P30EX PE 270 W / 90 W (UVC)	63140	1	-	-
P35 PE 270 W / 90 W (UVC)	60348	1	-	-
P45 PE 360 W / 120 W (UVC)	60349	1	-	-
P60 PE 450 W / 150 W (UVC)	60354	1	-	-
P70 PE 540 W / 180 W (UVC)	60358	1	-	-
P95 PE 680 W / 204 W (UVC)	63135	1	-	-
P140 PE 1020 W / 306 W (UVC)	63136	1	-	-
P180 PE 1360 W / 408 W (UVC)	64347	1	-	-
P220 PE 1700 W / 510 W (UVC)	64348	1	-	-
P260 PE 2040 W / 612 W (UVC)	64349	1	-	-
P300 PE 2380 W / 714 W (UVC)	63137	1	-	-

**TECHNICAL FEATURES**

Material	Code	Model	Flow rate (35 mJ/cm <sup>2</sup> ) Freshwater	Flow rate (35 mJ/cm <sup>2</sup> ) Seawater	Flow rate (60 mJ/cm <sup>2</sup> ) Freshwater	No. Lamps	Rated / UV-C power	Total height	Ø reactor
Stainless steel	60344	UV LP 45	45 m <sup>3</sup> /h	-	30 m <sup>3</sup> /h	3X90 w	90 UV-C (W)	1092	204
Stainless steel	60345	UV LP 65	65 m <sup>3</sup> /h	-	40 m <sup>3</sup> /h	4X90 w	120 UV-C (W)	1092	204
Stainless steel	60346	UV LP 85	85 m <sup>3</sup> /h	-	45 m <sup>3</sup> /h	5X90 w	150 UV-C (W)	1092	204
Stainless steel	60347	UV LP 95	95 m <sup>3</sup> /h	-	55 m <sup>3</sup> /h	6X90 w	180 UV-C (W)	1092	204
PE	60348	UV LP P35	35 m <sup>3</sup> /h	20 m <sup>3</sup> /h	20 m <sup>3</sup> /h	3X90 w	90 UV-C (W)	1020	250
PE	60349	UV LP P45	45 m <sup>3</sup> /h	25 m <sup>3</sup> /h	25 m <sup>3</sup> /h	4X90 w	120 UV-C (W)	1020	250
PE	60354	UV LP P60	60 m <sup>3</sup> /h	30 m <sup>3</sup> /h	35 m <sup>3</sup> /h	5X90 w	150 UV-C (W)	1020	250
PE	60358	UV LP P70	70 m <sup>3</sup> /h	35 m <sup>3</sup> /h	40 m <sup>3</sup> /h	6X90 w	180 UV-C (W)	1020	250
PE	63138	UV LP 20 EX	12 m <sup>3</sup> /h	7 m <sup>3</sup> /h	7 m <sup>3</sup> /h	1X90 w	30 UV-C (W)	950	200
PE	63139	UV LP 25 EX	20 m <sup>3</sup> /h	13 m <sup>3</sup> /h	13 m <sup>3</sup> /h	2X90 w	60 UV-C (W)	950	200
PE	63140	UV LP 30 EX	30 m <sup>3</sup> /h	19 m <sup>3</sup> /h	18 m <sup>3</sup> /h	3X90 w	90 UV-C (W)	950	200
PE	63135	UV LP P95	130 m <sup>3</sup> /h	61 m <sup>3</sup> /h	76 m <sup>3</sup> /h	2X340 w	204 UV-C (W)	1319	315
PE	63136	UV LP P140	193 m <sup>3</sup> /h	91 m <sup>3</sup> /h	112 m <sup>3</sup> /h	3X340 w	306 UV-C (W)	1319	315
PE	64347	UV LP P180	253 m <sup>3</sup> /h	120 m <sup>3</sup> /h	148 m <sup>3</sup> /h	4X340 w	408 UV-C (W)	1319	315
PE	64348	UV LP P220	312 m <sup>3</sup> /h	149 m <sup>3</sup> /h	182 m <sup>3</sup> /h	5X340 w	510 UV-C (W)	1319	315
PE	64349	UV LP P260	369 m <sup>3</sup> /h	177 m <sup>3</sup> /h	215 m <sup>3</sup> /h	6X340 w	612 UV-C (W)	1319	315
PE	63137	UV LP P300	432 m <sup>3</sup> /h	209 m <sup>3</sup> /h	252 m <sup>3</sup> /h	7X340 w	714 UV-C (W)	1319	315

**HELIOX UV LP LAMPS**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
90-W UV LP-25 lamp (Codes 60344, 60345, 60346, 60347, 63138, 63139, 63140, 60348, 60349, 60354, 60358)	60609	1	-	-
UV LP-20/25/30 quartz (Codes 60344, 60345, 60346, 60347, 63138, 63139, 63140, 60348, 60349, 60354, 60358)	60631	1	-	-
340 W UV LP lamp (Codes 63135, 63136, 64347, 64348, 64349, 63137)	66062	1	-	-
UV LP 1100MM quartz (Codes 63135, 63136, 64347, 64348, 64349, 63137)	66063	1	-	-



**DOSING PUMPS**

**ACQUA DOS dosing pumps**



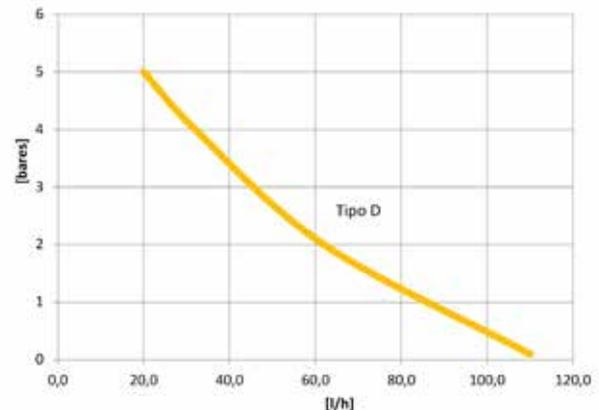
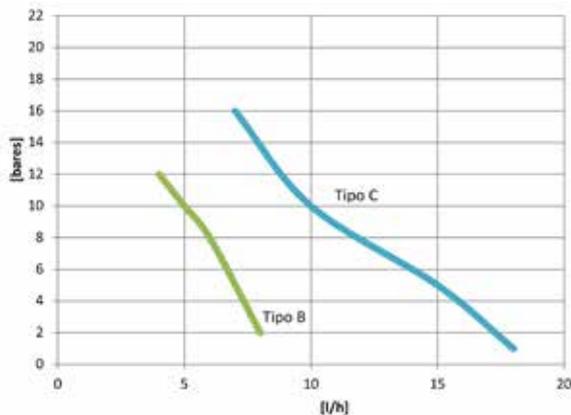
With only 3 sizes Acqua Dos dosing pumps cover a wide range of performances, having a flow rate range from 4 to 110 l/h and a back pressure up to 16 bar. The power supply is 100 ÷ 240 Vac - 50/60 Hz therefore the same pump can operate with different supply voltage.

The pump head is in PVDF and with ceramic ball valve, giving it high chemical compatibility with several liquids, long life PTFE diaphragm.

Acqua Dos series are equipped with a manually priming pump for the start up.

The pump is furnished with a complete standard installation kit, which includes: PVDF foot filter and injection valve, PVC suction tube, PE delivery tube, wall and base fixing bracket.

Installation kit included.



WATER TREATMENT EQUIPMENT

**ACQUA DOS MANUAL ANALOG**



Acqua Dos series analogic dosing pumps with constant flow rate are manually adjustable by a knob mounted on the front panel.

The flow rate has two frequency ranges:

- 0÷20 % of max flow rate
- 0÷100% of max flow rate

Input for minimum chemical level control (not included).

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Manual analog	5 l/h - 10 bar	75088	1	-	-
Manual analog	10 l/h - 10 bar	75089	1	-	-
Manual analog	32 l/h - 4 bar	75090	1	-	-

## DOSING PUMPS



## ACQUA DOS MANUAL DIGITAL

Acqua Dos series digital dosing pumps with constant flow rate can be adjusted manually by means of a keypad mounted on the front panel, visualizing on the display the dosed flow rate in pulses/minute.

Input for minimum chemical level control (not included).

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Manual digital	5 l/h - 10 bar	75091	1	-	-
Manual digital	10 l/h - 10 bar	75092	1	-	-
Manual digital	32 l/h - 4 bar	75093	1	-	-



## ACQUA DOS PROPORTIONAL

Acqua Dos series proportional digital dosing pumps work at a constant flow rate and can be adjusted manually by means of a keypad mounted on the front panel, displaying the dosed flow rate in pulses/minute.

Working modes:

- Manual
- According to an external analogic (4-20 mA)
- According to a digital signal (water meter, 1:n or n:1)
- Minimum chemical level input (not included)

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Proportional	5 l/h - 10 bar	75083	1	-	-
Proportional	10 l/h - 10 bar	75085	1	-	-
Proportional	32 l/h - 4 bar	75087	1	-	-



## ACQUA DOS PH / ORP

The Acqua Dos series digital dosing pump has a built-in pH/Redox control meter and is also compatible with the Fluidra Connect remote management system.

Other features are:

- Constant or proportional dosing according the measured pH or Redox value
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On-Off for remote control
- 4÷20 mA output for measure transmission
- Minimum chemical level input (not included)
- pH or ORP electrode not included. See next page



Fluidra Connect compatible

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
pH / ORP	5 l/h - 10 bar	75078	1	-	-
PH / ORP	10 l/h - 10 bar	75080	1	-	-
PH / ORP	32 l/h - 4 bar	75082	1	-	-

**DOSING PUMPS**

**COMPLETE PH SENSOR KIT**



Includes: 6 meters pH sensor, buffer solutions sensor holder, PVC bracket and level sensor.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
76209	1	-	-

**COMPLETE REDOX SENSOR KIT**



Includes: 6 meters gold ORP sensor, buffer solution sensor holder, PVC bracket and level sensor.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
76210	1	-	-

**SENSOR LEVEL**



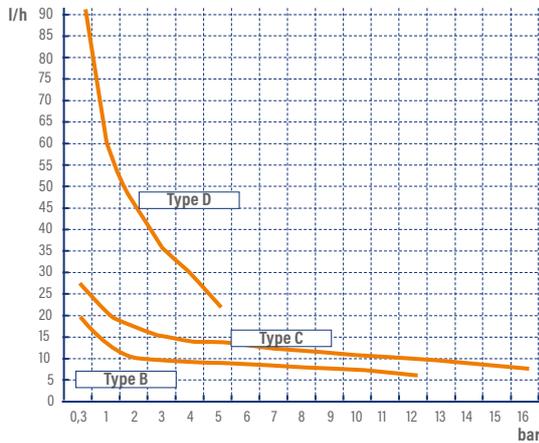
Sensor level for Acqua Dos and Optima dosing pumps.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
51454	1	-	-

# OPTIMA DOSING PUMPS



- + The OPTIMA dosing pump represents the development of more than 30 years of experience in the automatic dosing field.
- + This series reduces the number of pumps required to meet the various dosing needs.
- + The OPTIMA dosing pump series, with its power supply technology from 90, VCA to 265 VCA and at 50-60 Hz, ensures a precision and reliability never seen before.
- + Integration of many functions due to its simple programming, an alphanumeric display, the possibility of multilingual programming of the menu and a technology which permit controlled flow rate and back pressure.
- + Allows to use the same model for various applications providing a great versatility.
- + Systems manufactured in compliance with EC standards.
- + IP5 protection. 90-265V AC 50/60 Hz power supply.
- + Components in contact with chemicals are made of polypropylene, Viton, Teflon and PVC. (Other materials are available if made to order.)
- + Acid-resistant casing.
- + Moisture-resistant membrane push buttons.
- + Built-in purge valve.
- + No lubrication and little maintenance work required.
- + Sensors and calibration solutions not included.
- + Also available with a peristaltic pump (see page 252).



Sensors



pH sensor with calibration solutions (Code: 36004)	■		■	
Redox sensor with calibration solutions (Code: 36005)		■		■

## DOSING PUMPS



## OPTIMA NEXT CONSTANT FLOW RATE

The flow rate is fully adjustable from the flow meter. Power supply from 90 to 230 VCA at 50-60 Hz without plug.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Adjustable Optima manual pump at 8 bar and 5 l/h	66164	1	-	-



## OPTIMA NEXT PROPORTIONAL AND VOLUMETRIC

OPTIMA pumps provide all the functions of proportional dosing in a single model.

**Features:**

- Proportional with analogue signals 4 - 20 mA.
- Reading of pulses/minute.
- Chemical product minimum level inlet.
- Pulse entry for dosing proportional from pulse emitter counter.
- Remote start/stop.
- Power supply from 90 to 265 VCA at 50-60 Hz without plug.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Model 8 bar and 5 litres	66165	1	-	-

DOSING PUMPS



OPTIMA NEXT PH / REDOX



OPTIMA dosing pump with built-in pH/Redox control instrument.

Automatic calibration by simply pressing a button, with the possibility of controlling the degree of sensor efficiency.

Features:

- Power supply from 90 to 265 VCA at 50-60 Hz without plug
- Manual temperature adjustment for pH or optional automatic adjustment with PT100 (sensor not included).
- Level control input.
- Remote off control.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Optima Next dosing pump redox control/pH control at 8 bar and 5 l/h	66166	1	-	-



OPTIMA BRACKET for mounting above tank



Optional bracket for mounting the OPTIMA series and pH Basic Plus in a horizontal position, for example on top of a chemical products tank.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	36830	1	0.1	0.002



PERISTALTIC DOSING PUMPS



90/260V 50/60 Hz electrical connection.

The installation kit includes:

- Transparent glass-type flexible 2-m PVC suction pipe.
- Semi-rigid white polyethylene 2-m return pipe.
- 3/8" BSP m. injection valve.
- Pool floor filter.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Peristaltic pump 4 l/h (3 bar)	57179	1	-	-
Peristaltic pump 12 l/h (1 bar)	57178	1	-	-



POLYETHYLENE CYLINDRICAL TANKS



To hold chemicals for dosage pumps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Capacity: 125 l	01314	1	4.5	0.120
Capacity: 250 l	01315	1	10.0	0.390
Capacity: 350 l	01316	1	14.0	0.510
Capacity: 500 l	01317	1	21.5	0.760
Capacity: 1000 l	28831	1	-	-

**DOSING PUMPS**

**MANUAL STIRRER**



For Polyethylene tanks.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Length 60 cm	01318	1	0.5	0.010
Length 90 cm	01319	1	1.2	0.020

**CONTINUOUS FLOCCULATION SYSTEM**

**FLOC SYSTEM**



Automation flocculant dosing adjustable flow water pools. Includes: adjustable pump from 151 cm<sup>3</sup>/h until 1.5 l/h, injector valve, bottom filter, suction and return tube.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	54528	1	1	0.0044

**WATER METERS**

**WOLTMAN TYPE TURBINE METERS**



Axial turbine meter, Woltmann type, direct reading on numbered rollers. Dry dial counter, with magnetic drive. Clockwork and easily removable turbine.

Pre-equipment of pulse transmitter with plug and play system, with non-configurable pulse emitter. Meters between DN50 and DN125: 1 pulse each 100 liters and between DN150 and DN200: 1 pulse every 1000 litres. Ask for other configuration.

- No need for rectilinear sections, neither at the entrance nor at the exit of the meter. U0-D0.
- High precision in the measurement Metrology R160 horizontal position and vertical R100.
- Vacuum sealed dial( IP68).
- Cold water use 0,1 - 30°C.
- The Predator water meter can reach up to 16 bar.
- Potable water and irrigation type certificate.
- Easy installation of the pulse emitter.
- Pulse transmitter cable not included (code 71721).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
WATER METER DN50 PN16	71714	1	-	-
WATER METER DN65 PN16	71715	1	-	-
WATER METER DN80 PN16	71716	1	-	-
WATER METER DN100 PN16	71717	1	-	-
WATER METER DN125 PN16	71718	1	-	-
WATER METER DN150 PN16	71719	1	-	-
WATER METER DN200 PN16	71720	1	-	-
WATER METER TRANSMITTER	71721	1	-	-

**AUTOMATIC REGULATION AND CONTROL EQUIPMENT**

## AP PR-200

Compatible with water electrolysis



60359



60361



60362



The expert's choice for dosing control. The built-in panels based on Series AP PR controllers provide the best solution for the plug & play devices pre-assembled on the panel. There are several versions for the control of the water's pH, ORP and FREE CHLORINE levels.

AP PR-200 equipment is compatible with the Easy Salt, Easy Salt Next, ProChlore Salt, Nature Salt Plus and Neolysis ranges.

This is also the recommended solution for experts whenever several chlorination systems must be controlled at the same time from a single control and regulation panel (multiple control through the KIT TRI).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
AP PR-206 pH/ORP	60359	1	-	-
AP PR-207 pH/Cl <sub>2</sub> PPM	60361	1	-	-
AP PR-204 Cl <sub>2</sub> PPM	60362	1	-	-

**With integrated TRI KIT**

AP PR-206 pH/ORP	60359+70338(KIT TRI)	1	-	-
AP PR-207 pH/Cl <sub>2</sub> PPM	60361+70338(KIT TRI)	1	-	-
AP PR-204 Cl <sub>2</sub> PPM	60362+70338(KIT TRI)	1	-	-

**Optional:**

TRI kit, 3-unit simultaneous control	70338	1	-	-
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## CONTROL CONNECT

The smart multi-setting controller



A range of multi-setting control panels with colour touchscreen. Easy and efficient control of water sanitation. Fully automated pool water treatment.

- Multi-function TFT colour touchscreen.
- 4 programmable timer relays and 4 digital inputs.
- Poolstation (Ethernet as standard).
- Fluidra Connect Compatible.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
pH / ORP / Temp. with in-line sensor holder	71537	1	5.85	-
pH / ORP / Temp. with panel sensor holder	71538	1	6.85	-
pH / Cl (ppm) / Temp. with panel sensor holder	71539	1	6.85	-



71537



71538



71539

**AUTOMATIC REGULATION AND CONTROL EQUIPMENT**

**AMPEROMETRIC CHLORINE Sensors**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Free Chlorine Sensor	60645	1	0.22	-
ECC1 Electrolyte / Gel	60646	1	0.07	-
Membrane for CL.01.02	60647	1	0.02	-

**pH / ORP SENSORS**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
pH combined sensor	60648	1	0.20	-
ORP sensor	60649	1	0.20	-

**CALIBRATION SOLUTIONS**



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Buffer solution pH 7.0 - 30 mL (Green)	60618	1	0.053	-
Buffer solution pH 4.0 - 30 mL (Red)	60632	1	0.058	-
Calibration solution 470 mV - 30 mL	60633	1	0.060	-

**POOL PATROL**



The Colorimetric controller unit gives a reply to the demand of the Swimming Pool Market requiring compact, easy and low maintenance device, with IP65 enclosure. The available measures are: Free Chlorine (DPD1), pH, Redox (ORP), Temperature. Thanks to its internal graphic display it is possible to have all measures displayed at the same time. The Plastic Cover assures an easy accessibility to the hydraulic part. Includes: Measuring instrument, flow detector by temperature, pH sensor, ORP sensor, pH calibration solutions, ORP calibration solutions and DPD2 bottle.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Pool Patrol	54527	1	-	-

# GUARDIAN POOL

**+ A fully automated electronic control unit with potentiometric measurements of pH and Redox potential or an amperometric measurement selective chlorine**

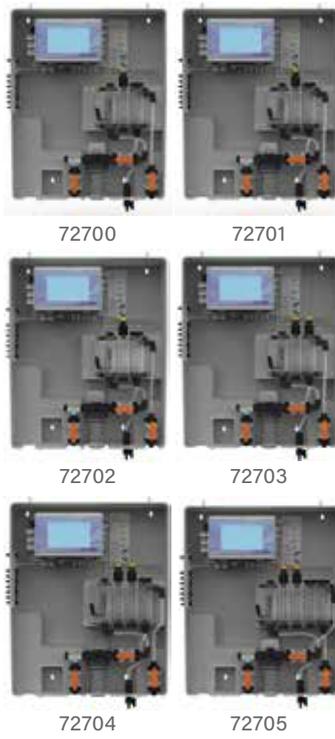
The new Guardian Pool unit combines traditional control and dosing elements with a total digital control of its values that facilitates the management of the pool parameters, as well as its history to analyse or detect possible errors. Guardian Pool stands out for its high performance in the control and regulation of chemical products for use in private pools and public pools. Innovative design 7" high resolution touch screen display, firmware update through its USB port, which is also used for downloading the swimming pool data, and a great feature is the WIFI communication, to control the equipment through any mobile device, tablet or PC, inside its radius of range.

**Advantages:**

- New intuitive and user friendly multilingual user interface.
- Depending on model, simultaneous readings of pH, ORP, Temperature, Free Chlorine, Total Chlorine, Combined Chlorine and Turbidity.
- Internal datalogger with 4Mb of memory, up to 16,000 records, with the possibility of downloading data, displaying graphs and displaying the screen at the time of data input.
- Display of alarms by parameter.
- New chlorine measuring sensor (\*), using Sodium Hypochlorite, Dichlor, Trichlor or Salt Chlorine, with stable reading up to 500 ppm of Isocyanuric Acid.
- Possibility to use electrodes for Bromine, Peroxide, Peracetic, Ozone ...
- 2 control relays for pH and Free Chlorine parameters, powered at 230V 50/60Hz 6A.
- 1 control relay powered for ORP at 230V 50/60Hz 6A.
- 1 control relay for Temperature 230V 50/60Hz with the possibility of associating it to Total Chlorine or Combined Chlorine.
- 2 alarm relays, potential free, configurable to any measurement, including flow rate, or as a general system alarm.
- RS485 Modbus Fluidra Connect RS485 communication port.
- Electrode holder with LED lighting for failure identification.

**Technical Specifications:**

- Innovative design.
- 7 " touch screen (240x128 pixels backlit display).
- Modular probe holder
- Digital central with full access to all its parameters.
- Easy to use.
- For pools dosed with stabilized chlorine (solid), non-stabilized chlorine (liquid or solid), or bromine.
- Includes double relay outputs for each parameter, adjustable 4-20 mA outputs
- WiFi module with internal Webserver page settings
- Fluidra connect compatible
- Multilingual menu
- The signal inputs of the sensors are galvanically isolated.
- USB port for download parameter and Firmware upgrade function.
- Adjusting the proportional dosage on proportional pump .



WATER TREATMENT EQUIPMENT



Fluidra Connect compatible

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Guardian Pool 1	72700	1	-	-
Guardian Pool 2	72701	1	-	-
Guardian Pool 3	72703	1	-	-
Guardian Pool 4	72702	1	-	-
Guardian Pool 5	72704	1	-	-
Guardian Pool 6	72705	1	-	-
Guardian Pool 7	74720	1	-	-

Model	Guardian Pool 1	Guardian Pool 2	Guardian Pool 3	Guardian Pool 4	Guardian Pool 5	Guardian Pool 6	Guardian Pool 7
	Chlorine 10 ppm	Chlorine 2 ppm	pH / ORP	pH / Chlorine 10 ppm	pH / ORP / °C / Chlorine 10 ppm(1)	pH / ORP / °C / Free and Total Chlorine 10 ppm / NTU(1)	pH / Chlorine 10 ppm / NTU
Code	72700	72701	72703	72702	72704	72705	74720
Water uses	Drinking water	Drinking water	Residential / Commercial Pools	Commercial Pools	Commercial Pools	Commercial Pools	Commercial Pools
Sensors	pH		✓	✓	✓	✓	✓
	ORP		✓		✓	✓	
	Temperature	✓	✓	✓	✓	✓	✓
	2 ppm free chlorine (*)		✓				
	10 ppm free chlorine (*)	✓			✓	✓	✓
	10 ppm total chlorine (*)					✓	
	Chlorine Combinado					✓	
Turbidez 10 NTU					✓	✓	

(1) PT-100 temperature sensor included. (2) ORP probe with gold cathode (Au).

## AUTOMATIC REGULATION AND CONTROL EQUIPMENT

ASTRALPOOL 

## CONTROLLER



The panels in the CONTROLLER range are fully equipped and assembled systems. They are therefore ideal for use in water treatment.

Their simple, compact design makes installation and start-up extremely easy.

They come with all of the components and accessories required for rapid assembly. All assemblies are made of PVC sheets, in various sizes depending on the model.

## General technical features

- Range of available sizes depending of the sensor selected.
- Range available for free chlorine: 0-2, 0-5 0-10, 0-20 and 0-200 ppm.
- pH range: 0-14.
- ORP range: +/-1500 mV.
- Temperature range: 0-50°C.
- Measurement of stable chlorine with low pH dependence.
- Self-calibration of all sizes.
- Alarm signal if water flow is insufficient.
- Instrument with IP65 protection rating.
- 250 V-10 A relays for connecting dosing pumps or salt chlorinators.
- 4-20 mA analogue outlets with repeat signal or manifold for proportional pumps.
- Power supply: 230 V / 50 Hz.
- Setpoints and programmable alarms.
- Pump pause function during calibration and for stopping flow.
- Temperature readings and readjustment (automatic with PT100 sensor included).
- Three types of setpoint settings. On/Off, Proportional in Time and Proportional by Pulses.
- RS485 communications port.

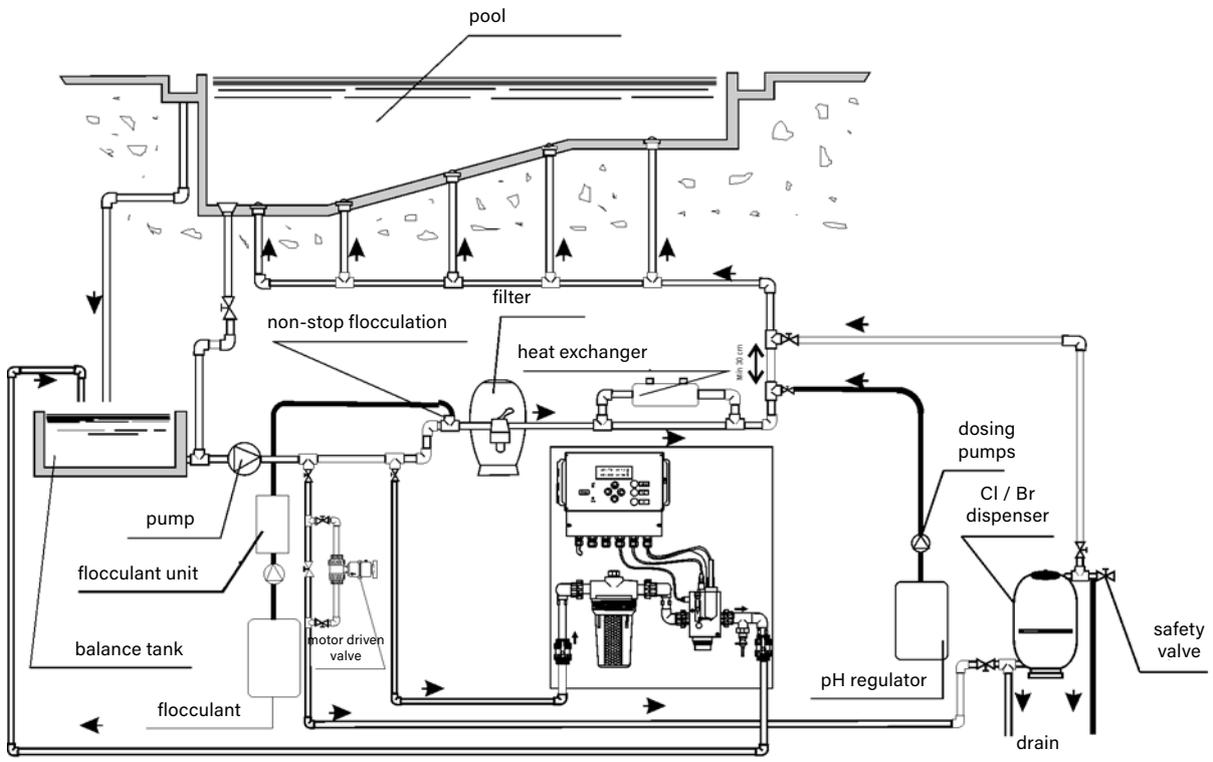
## Components included in the assembly:

- Methacrylate sensor holder, with flow regulator, sample taking valve and flow sensor.
- Filter holder and 80 micron filter cartridge for water inlet.
- DPD calibration standard solutions.
- Assembly accessories, and instruction and installation manual.
- Sensors depending on version.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Controller pH / Redox	66178	1	-	-
Controller pH / Free Chlorine	66177	1	-	-
Controller pH / ORP / Free Chlorine	66176	1	-	-
Controller Free Chlorine	66175	1	-	-
pH/Amperometric-free chlorine sensor	66168	1	-	-
pH/ORP/Amperometric free chlorine sensor	66169	1	-	-
Controller pH / ORP / Free Chlorine / Total amperometric chlorine	66170	1	-	-

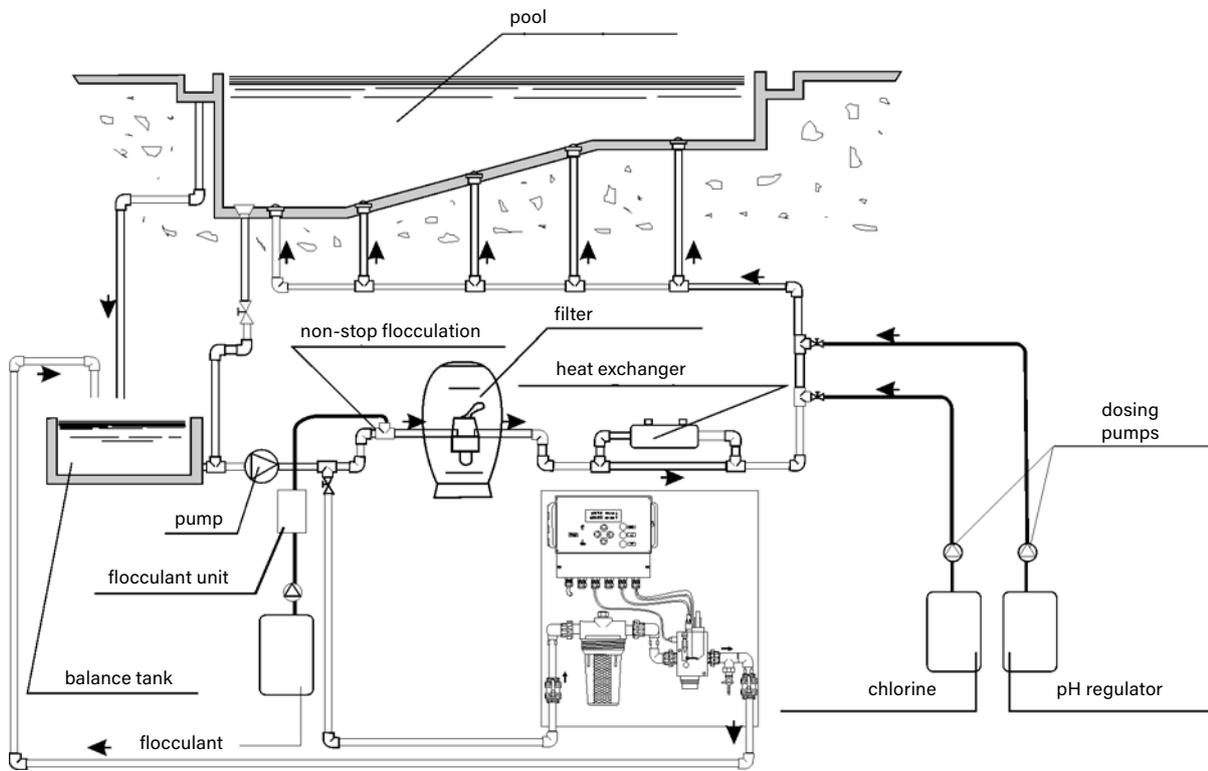


# INSTALLATION DIAGRAM FOR ORGANIC CHLORINE OR BROMINE



**AUTOMATIC REGULATION AND CONTROL EQUIPMENT**

**INSTALLATION DIAGRAM FOR INORGANIC CHLORINE**





**POOLS**

# CLEANING

**262** AUTOMATIC COMMERCIAL  
POOL CLEANERS

262 Vortrax TRX 8500 iQ

263 Vortrax TRX 8700 iQ

264 Arco

265 Arcomax

**AUTOMATIC COMMERCIAL POOL CLEANERS**



**TRX 8500 IQ - VORTRAX**



Specifically designed for intensive use in small or medium-sized public pools (hotels, campings, apartments, etc.) with rigid walls up to 20 m length tough, smart and ultra-efficient.

- + High performance brushless electronic motor.
- + Easy-to-clean brush system.
- + Sensor Nav Sytem TM: intelligent and personalised cleaning with anti-tangle compass system without the need of swivel.
- + Heavy-duty materials and traction system for intensive use.
- + Ultra-powerful and long-lasting suction with easy-to-clean filters.

Code

Standard Model WR000597

**Accessories**

- Trolley
- Control box
- Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)
- Contact Brushes
- Free app

**FOR WHICH TYPE OF POOLS?**

Types of pools	Small to medium public pools (hotels, campings, apartments) with rigid walls, up to 20m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

**DESCRIPTION**

Cleaning areas	Floor /walls/ waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 6h00 with preset cycles: -Quick: floor only 1h15 -Smart: floor / walls / waterline (calculated time) -Ultra: floor / walls / waterline (2h45)
Timer / Delayed start	7-days timer / Up to 3h delayed start
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive - 2 brushless motors
Transmission	Gear transmission with reinforced components
Pressure sensor	Yes
Brushes	Yes (Contact + ZZ Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	Remote control mode (with app)
Water temperature measurement	Yes
Pressure depth sensor	Yes
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	12

**TECHNICAL SPECIFICATIONS**

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	25m
Cleaner size (L x W x h)	47 x 51 x 29 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	11 kg
Packaging weight	21 kg
Filtering surface and level	1180 cm <sup>3</sup>
Filtering capacity	5L
Inlet suction size / /Cleaned width	24.5 cm

**OPTIONAL ACCESSORIES (NOT INCLUDED)**

Fine filter canister 100µ	Fine filter canister 200µ
R0863600	R0863700

**AUTOMATIC COMMERCIAL POOL CLEANERS**



**TRX 8700 IQ - VORTRAX**



Specifically designed for intensive use in public pools (hotels, campings, sports centers etc.) with rigid walls up to 25 m length tough, smart and ultra-efficient.

- + **Ultrasonic sensors to detect walls and obstacles.**
- + **High performance brushless electronic motor.**
- + **Kinetic remote control.**
- + **Easy-to-clean brush system.**
- + **Sensor Nav Sytem TM: intelligent and personalised cleaning with anti-tangle compass system without the need of swivel.**
- + **Heavy-duty materials and traction system for intensive use.**
- + **Ultra-powerful and long-lasting suction with easy-to-clean filters.**



Code

Standard Model WR000598

**Accessories**

- Trolley
- Control box
- Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)
- Contact Brushes
- Free app
- Kinetic bluetooth remote control

**FOR WHICH TYPE OF POOLS?**

Types of pools	Public pools (hotels, campings, sports centers) with rigid walls, up to 25m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

**DESCRIPTION**

Cleaning areas	Floor /walls/ waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 6h00 with preset cycles: -Quick: floor only 1h15 -Smart: floor / walls / waterline (calculated time) -Ultra: floor / walls / waterline (2h45)
Timer / Delayed start	7-days timer / Up to 3h delayed start
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive - 2 brushless motors
Transmission	Gear transmission with reinforced components
Pressure sensor	Yes
Brushes	Yes (Contact + ZZ Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	Kinetic bluetooth remote control
Ultrasonic sensors	Yes
Water temperature measurement	Yes
Pressure depth sensor	Yes
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	12

**TECHNICAL SPECIFICATIONS**

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	30m
Cleaner size (L x W x h)	47 x 51 x 29 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	13 kg
Packaging weight	24 kg
Filtering surface and level	1180 cm³
Filtering capacity	5L
Inlet suction size / /Cleaned width	24,5 cm

**OPTIONAL ACCESSORIES (NOT INCLUDED)**

Fine filter canister 100µ	Fine filter canister 200µ
R0863600	R0863700

**AUTOMATIC COMMERCIAL POOL CLEANERS**



**ARCO**



Specifically designed for intensive use in public pools tough, smart and ultra-efficient

- + Infrared sensor for detecting walls and obstacles
- + Gyroscope and compass smart navigation system
- + Delayed Start system for setting cleaning time
- + Remote control for manual use
- + Turbo mode for extra speed and power
- + Traction system reinforced with ball bearings for intensive use
- + Ultra-powerful, long-lasting suction



Code



Standard Model

WR000396

**Accessories**



- Trolley
- Remotecontrol
- Capacitive control box
- Dual bag filter 5µ + 250µ

**FOR WHICH TYPE OF POOLS?**

Types of pools	Medium public pools (sports centers, institutional pools, hotels) with rigid walls, up to 30 m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

**DESCRIPTION**

Cleaning areas	Floor / walls
Number / Length of cleaning cycles	Multiple with preset cycles -Floor Mode: floor -Wall and floor mode: floor walls and waterline/ -Delayed start: the 2 cleaning modes will start with 3 hours delayed
Delayed start	Yes up to 3 hours
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive -2 motors
Transmission	Belt transmission with reinforced components
Infrared sensor	Yes
Brushes	PVA
Full filter indicator	Yes
Remote control	Yes (RF)
Filtration system / access	Dual bag filter with access under the cleaner
Units / pallet	9 / pallet

**TECHNICAL SPECIFICATIONS**

Number of motors	3
Control box supply	110-240 VAC ; 50 / 60 Hz
Power supply	24 VDC
Operating power	150 W
Cable length / Hose length	30 m
Cleaner size (L x W x h)	47,5 x 43 x 54 cm
Packaging size (L x W x h)	80 x 40 x 60 cm
Cleaner weight	11,3 kg
Packaging weight	22 kg
Filtering capacity	3.1 kg
Max depth	5 m
Inlet suction size / Cleaned width	40 cm

## AUTOMATIC COMMERCIAL POOL CLEANERS



## ARCOMAX



Designed for a heavy-duty and intensive use in medium and big public pools

- + Infrared sensor for detecting walls and obstacles
- + Gyroscope and compass smart navigation system
- + Delayed Start system for setting cleaning time
- + Remote control for manual use
- + Turbo mode for extra speed and power
- + Traction system reinforced with ball bearings for intensive use
- + Ultra-powerful, long-lasting suction

**2** YEAR  
WARRANTY



DELAYED START



SMART  
NAVIGATION



INFRARED  
SENSOR



TURBO  
MODE

Code

Standard Model

WR000397

### Accessories

Trolley  
Remotecontrol  
Capacitive control box  
Dual bag filter 5 $\mu$  + 250 $\mu$

### FOR WHICH TYPE OF POOLS?

Types of pools	Medium and big public pools (swim and sports centers, institutional pools) with rigid walls, up to 50 m length
Pool shapes	Rectangular
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor /walls
Number / Length of cleaning cycles	Multiple with preset cycles -Floor Mode: floor -Wall and floor mode: floor walls and waterline/ -Delayed start: the 2 cleaning modes will start with 3 hours delayed
Delayed start	Yes
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive -2 motors
Transmission	Belt transmission with reinforced components
Infrared sensor	Yes
Brushes	PVA
Full filter indicator	Yes
Remote control	Yes (RF)
Filtration system / access	Dual bag filter with access under the cleaner
Units / pallet	3 / american pallet

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	110-240 VAC ; 50 / 60 Hz
Power supply	24 VDC
Operating power	150 W
Cable length / Hose length	40 m
Cleaner size (L x W x h)	85 x 43 x 54 cm
Packaging size (L x W x h)	90 x 51 x 62 cm
Cleaner weight	20,4 kg
Packaging weight	28 kg
Filtering capacity	5.1 kg
Max depth	5 m
Inlet suction size / Cleaned width	80 cm



## POOLS

# POOL LIGHTING

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# LUMIPLUS CONNECT

## A DELIGHTFUL EXPERIENCE



FLUIDRA  
pool



### EMPOWER YOUR LIGHTING EXPERIENCE

Revolutionize your control experience with our adaptable solution. Seamlessly manage your lights through our Fluidra Pool App, designed for both Android and iPhone users. Have the freedom to control the pool lights your way with the added convenience of remote control.



### ABSOLUTE CONTROL WHEREVER YOU ARE

Effortlessly integrate our system with the Fluidra Pool ecosystem for centralized control of your pool through the Fluidra Pool app, no matter where you are. Create captivating pool ambiance with color customization, set schedules and choose colors or sequences with ease.



### WE PUT THE FOCUS ON EFFICIENCY

Experience energy efficiency like never before with our innovative solution. Easily schedule the on and off times of your lights and take control of the light level with our dimming feature. The Lumiplus Connect is available in two wattages and are designed to adapt to every space and pool size, providing the perfect lighting solution.

POOL LIGHTING

LED LIGHTING FOR POOL



# LUMIPLUS CONNECT



Absolute control from anywhere	Scheduling: Set your own schedules	Dimming: Light intensity control
Customise your own colours and colour changing sequences	Colour changing speed control	alexa Voice control: Alexa compatible

Smartphone control with the Fluidra Pool App (iOS/Android)

Two optional remote controllers: White/Tunable White remote controller and RGB/RGBW remote controller.



## LumiPlus Flexi



Light color	Luminous flux	Lighting area*
	2.750 lm	20-25 m <sup>2</sup>
	4.300 lm	25-35 m <sup>2</sup>
	2.000 lm	20-25 m <sup>2</sup>
	2.500 lm	20-25 m <sup>2</sup>
	3.500 lm	25-35 m <sup>2</sup>

## LumiPlus FlexiMini



	Light color	Luminous flux	Lighting area*
STAIRS		450 lm	3 - 5 m <sup>2</sup>
		300 lm	3 - 5 m <sup>2</sup>
WALL		900 lm	8 - 12 m <sup>2</sup>
		600 lm	8 - 12 m <sup>2</sup>

\* The lighting area is an estimate and may depend on the coating's colour and on the swimming pool's shape.

### Type of installation

<b>FlexiNiche</b>  	<b>FlexiSlim</b>  	<b>FlexiRapid</b>  
---------------------------	--------------------------	---------------------------

### Decorative ring color



### Type of installation

<b>FlexiMini Niche</b>  	<b>FlexiMini Nozzle L</b>  
<b>FlexiMini Nozzle S</b>  	<b>FlexiMini Pipe</b>  

### Decorative ring color



### Codification and type of light

<b>Monocolour cool white light</b> Colour temperature is 5.700K	<b>WW</b> Monocolour warm white light Colour temperature is 3.000K	<b>TW</b> Tunable White Offers a complete palette of white shades, with the color temperature adjustable from 2500K to 6000K.	<b>M</b> Multicolor Offers a wide array of colour options by mixing red, green and blue LEDs (RGB)	<b>MW</b> Multicolor plus White Extends the RGB colour palette by incorporating a 5.700K white LED into the RGB color mixing

LumiPlus Connect commercial video



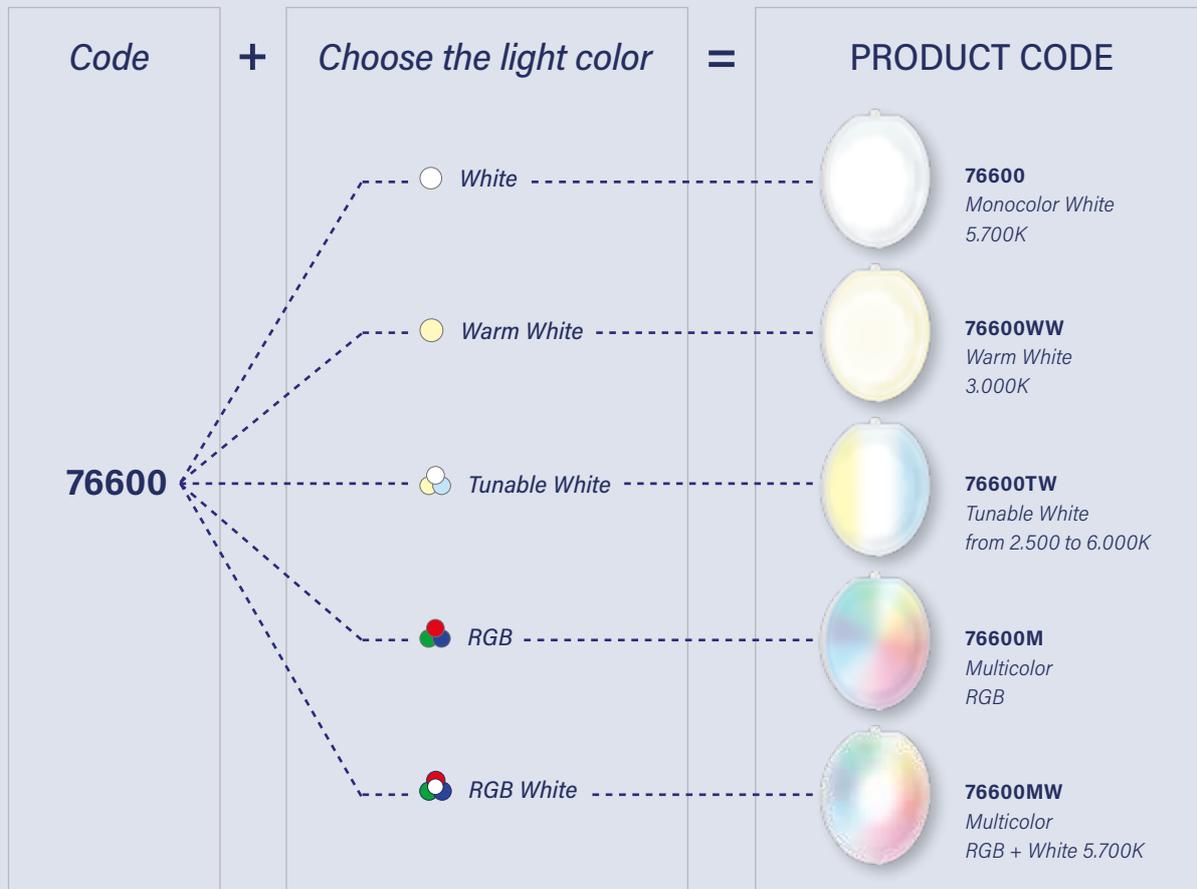
LumiPlus Connect installation video





The 5-digit codes refer to the models in cool white light, while other types of light are indicated by adding letters at the end of the root code. Available types of light include White, Warm White, Tunable-White, RGB, and RGBW.

*Example: How to create the code for a Flexi Connect lamp depending on the type of light*



NOTE : Not all models are available in all the above types of light.



# LUMIPLUS PLUG&PLAY

## EASY TO INSTALL, EASY TO CONTROL



Only compatible  
with Plug&Play lights



### EASY POOL LIGHT CONTROL

Enjoying PLUG&PLAY is as easy as plugging it in and using it. No installation work in a technical room is required. The device is designed to be completely intuitive to use. Just 6 buttons are enough to control the lights and the color of your entire pool.



### LIGHTING UNDER CONTROL

PLUG&PLAY concentrates a high technology in a very compact design that allows us to obtain the best lighting performance on the market in its category.



### THE MOST RELIABLE REMOTE CONTROL

A plug&play solution that solves the signaling problems common in other solutions on the market thanks to a high signal range (15 meters) and no synchronization problems.

POOL  
LIGHTING

LED LIGHTING FOR POOL



# LUMIPLUS PLUG&PLAY



<b>12</b> COLORS	<b>8</b> SEQUENCES	<b>8</b> SPEEDS	<b>DIMMING</b>	<b>15</b> METERS SIGNAL
---------------------	-----------------------	--------------------	----------------	----------------------------

**LumiPlus Flexi**



Light color	Luminous flux	Lighting area*
	2.000 lm	20-25 m <sup>2</sup>

**LumiPlus FlexiMini**



Light color	Luminous flux	Lighting area*
STAIRS	300 lm	3-5 m <sup>2</sup>
WALL	600 lm	3-5 m <sup>2</sup>

**LumiPlus PAR56 lamp**



Light color	Luminous flux	Lighting area*
	2.000 lm	20 - 25 m <sup>2</sup>

LumiPlus Plug&Play commercial video

\* The lighting area is an estimate and may depend on the coating's colour and on the swimming pool's shape.

# LUMIPLUS ON/OFF



**LumiPlus Flexi**

Powered at 12Vac



Light color	Luminous flux	Lighting area*
	2.750 lm	20-25 m <sup>2</sup>

**LumiPlus FlexiMini**

Available powered at 12Vac or 24Vdc



Light color	Luminous flux	Lighting area*
STAIRS	450 lm	3-5 m <sup>2</sup>
WALL	900 lm	8-12 m <sup>2</sup>

**LumiPlus Flexi**

Powered at 24Vdc

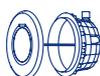


Light color	Luminous flux	Lighting area*
	1.485 lm	15-20 m <sup>2</sup>
	4.300 lm	20-25 m <sup>2</sup>

\* The lighting area is an estimate and may depend on the coating's colour and on the swimming pool's shape.

Type of installation

FlexiNiche



FlexiSlim



FlexiRapid



FlexiMini Niche



FlexiMini Nozzle L



FlexiMini Nozzle S



FlexiMini Pipe



Decorative ring color

FlexiNiche



FlexiSlim / FlexiRapid



FlexiMini





# LUMIPLUS FLEXI & FLEXIMINI

SMART FLEXIBILITY,  
MAXIMUM SIMPLICITY



## MADE UP OF TWO COMPONENTS

LumiPlus Flexi and FlexiMini projectors are underwater floodlights made up of two components: a **lamp** and a **decorative ring**. Flexi projectors can fit a niche, a nozzle or can be surfaced mounted, while FlexiMini projectors can be installed into a niche, a nozzle or a wall bushing.

**Set your own projector by following the next two steps:**

**1**

LAMP

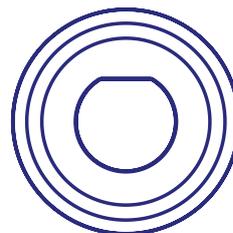


**STEP 1:** Selection of the lamp and type of light



**2**

FIXATION SYSTEM &  
DECORATIVE RING



**STEP 2:** Selection of the fixation system and decorative ring color

POOL  
LIGHTING

LED LIGHTING FOR POOL - LUMIPLUS FLEXI AND FLEXIMINI

1 LAMP

Step 1: Selection of the lamp and type of light



LumiPlus Flexi and FlexiMini **Connect** lamps provide a total control of the light. Lamps are available in white, warm white, tunable white, RGB and RGBW. Easy and intuitive control through the LumiPlus Connect Controller and the Fluidra Pool App (or optionally through a Connect controller plus a Connect remote). See controller's page 284. Powered at 12 V AC.



CONNECT

	Description	Color	Efficiency	Code	Consumption	Luminous flux
	LumiPlus Flexi Connect W 2750 Im Lamp	White	A E	76600	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connect WW 2750 Im Lamp	Warm white	A E	76600WW	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connect TW 2750 Im lamp	Tunable white	A E	76600TW	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connect RGB 2000 Im lamp	RGB	A G	76600M	34.5 W (45 VA)	2000 lm
	LumiPlus Flexi Connect RGBW 2500 Im lamp	RGBW	A G	76600MW	28 W (49 VA)	2500 lm
	LumiPlus Flexi Connect W 4300 Im lamp	White	A E	76601	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect WW 4300 Im lamp	Warm white	A E	76601WW	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect TW 4300 Im lamp	Tunable white	A E	76601TW	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect RGBW 3500 Im lamp	RGBW	A G	76601MW	56 W (72 VA)	3500 lm
	LumiPlus FlexiMini Stairs Connect W lamp	White	A D	76602	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect WW lamp	Warm white	A D	76602WW	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect TW lamp	Tunable white	A D	76602TW	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect RGB lamp	RGB	A G	76602M	4 W (6 VA)	300 lm
	LumiPlus FlexiMini Stairs Connect RGBW lamp	RGBW	A F	76602MW	5 W (7.5 VA)	400 lm
	LumiPlus FlexiMini Wall Connect W lamp	White	A D	76603	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect WW lamp	Warm white	A D	76603WW	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect TW lamp	Tunable white	A D	76603TW	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect RGBW lamp	RGBW	A F	76603MW	10 W (15 VA)	800 lm

LumiPlus Flexi and FlexiMini **Plug & Play** lamps are the easiest and funniest way to control RGB light. All that is needed is a Plug & Play lamp and a Plug & Play remote controller. See controller's page 285. Powered at 12 V AC.

PLUG & PLAY

	Description	Color	Efficiency	Code	Consumption	Luminous flux
	LumiPlus Flexi Plug & Play lamp	RGB	A G	76579M	34.5 W (45 VA)	2000 lm
	KIT 1 x LumiPlus Flexi Plug & Play lamp + Remote Control	RGB	A G	76580M	34.5 W (45 VA)	2000 lm
	KIT 2 x LumiPlus Flexi Plug & Play lamps + Remote Control	RGB	A G	76581M	34.5 W (45 VA)	2000 lm
	LumiPlus FlexiMini Stairs Plug & Play lamp	RGB	A G	76588M	4 W (6 VA)	300 lm
	LumiPlus FlexiMini Wall Plug & Play lamp	RGB	A G	76589M	8 W (12 VA)	600 lm
	KIT 3 x LumiPlus FlexiMini Wall Plug & Play lamps + Remote Control	RGB	A G	76590M	8 W (12 VA)	600 lm

LumiPlus Flexi and FlexiMini **on/off** lamps are monochrome white lamps, available in white and warm white, and powered at 12 V AC or 24 V DC. Keep it simple, just switch them on to light your pool.

ON/OFF

	Description	Color	Efficiency	Code	Consumption	Luminous flux
<b>Powered at 12 V AC</b>						
	LumiPlus Flexi On/Off W 4300lm lamp	White	A D	71233	32 W (42 VA)	4300 lm
	LumiPlus Flexi On/Off WW 4300lm lamp	Warm white	A D	71233WW	32 W (42 VA)	4300 lm
	LumiPlus Flexi W 2750 Im lamp	White	A F	76573	28 W (40 VA)	2750 lm
	LumiPlus Flexi WW 2750 Im lamp	Warm white	A F	76573WW	28 W (40 VA)	2750 lm
	LumiPlus FlexiMini Stairs W lamp	White	A D	74400	3.5 W (6 VA)	450 lm
	LumiPlus FlexiMini Stairs WW lamp	Warm white	A D	74400WW	3.5 W (6 VA)	450 lm
	LumiPlus FlexiMini Wall W lamp	White	A D	74406	7.2 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall WW lamp	Warm white	A D	74406WW	7.2 W (10.5 VA)	900 lm
<b>Powered at 24 V DC (power pack included)</b>						
	LumiPlus Flexi Maximum Efficiency	White	A B	71236	8.7 W (8.7 VA)	1485 lm
	LumiPlus Flexi V1 DC W lamp	White	A E	71201	14 W (14 VA)	1485 lm
	LumiPlus Flexi V1 DC WW lamp	Warm white	A E	71201WW	14 W (14 VA)	1485 lm
	LumiPlus Flexi V2 DC W lamp	White	A D	71202	32 W (32 VA)	4300 lm
	LumiPlus Flexi V2 DC WW lamp	Warm white	A D	71202WW	32 W (32 VA)	4300 lm
	LumiPlus FlexiMini Stairs DC W lamp	White	A C	74401	3 W (3 VA)	450 lm
	LumiPlus FlexiMini Stairs DC WW lamp	Warm white	A C	74401WW	3 W (3 VA)	450 lm
	LumiPlus FlexiMini Wall W lamp	White	A D	74407	6.8 W (6.8 VA)	900 lm
	LumiPlus FlexiMini Wall WW lamp	Warm white	A D	74407WW	6.8 W (6.8 VA)	900 lm

Color temperatures: White = 5700 K / Warm white = 3000 K / Tunable white = 2500 K - 6000 K.

LED LIGHTING FOR POOL - LUMIPLUS FLEXI AND FLEXIMINI



## FLEXI PLUG&PLAY PROJECTORS

LumiPlus Plug&Play projectors offer the easiest and most enjoyable way to illuminate your pool in full multicolor. All you need is a Plug&Play projector and a Plug&Play remote control. FlexiNiche projectors fit niches ranging from 180 to 230mm in diameter; FlexiSLIM projectors are surface-mounted projectors, and FlexiRapid fit into any 1½" internal thread nozzle. Powered at 12 V AC. Includes 2.5m of cable.



Description	SKU Reference	Decorative ring color	Light Color	Efficiency	Power	Luminous flux
FlexiNiche Plug&Play	76582M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm
FlexiSlim Plug&Play	76584M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm
FlexiRapid Plug&Play	76586M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm
FlexiNiche Plug&Play + Remote Controller	76583M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm
FlexiSlim Plug&Play + Remote Controller	76585M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm
FlexiRapid Plug&Play + Remote Controller	76587M	White	RGB	A++ G	34.5 W (45 VA)	2.000 lm

Compatible with Plug&Play remote controller 74399.



## FLEXI ON/OFF PROJECTORS

LumiPlus Plug&Play projectors offer the easiest and most enjoyable way to illuminate your pool in full multicolor. All you need is a Plug&Play projector and a Plug&Play remote control. FlexiNiche projectors fit niches ranging from 180 to 230mm in diameter; FlexiSLIM projectors are surface-mounted projectors, and FlexiRapid fit into any 1½" internal thread nozzle. Powered at 12 V AC. Includes 2.5m of cable.



Description	SKU Reference	Decorative ring color	Light Color	Efficiency	Power	Luminous flux
FlexiNiche On/Off W 2750lm	76576	White	White	A++ F	28 W (40 VA)	2.750 lm
FlexiSlim On/Off W 2750lm	76577	White	White	A++ F	28 W (40 VA)	2.750 lm
FlexiRapid On/Off W 2750lm	76578	White	White	A++ F	28 W (40 VA)	2.750 lm
FlexiNiche On/Off DC W 1.485lm	71213	White	White	A++ E	14 W (14VA)	1.485 lm
FlexiRapid On/Off DC W 1.485lm	71217	White	White	A++ E	14 W (14VA)	1.485 lm
FlexiSlim On/Off DC W 1.485lm	71215	White	White	A++ E	14 W (14VA)	1.485 lm

Color temperatures: White = 5700 K / Warm white = 3000 K  
A 24Vdc power pack is included in the DC powered projectors.

LED LIGHTING FOR POOL - LUMIPLUS FLEXI AND FLEXIMINI

## 2 FIXATION SYSTEM AND DECORATIVE RING

Step 2: Selection of the fixation system and decorative ring color



(Every decorative ring includes the installation fittings)

**Flexi decorative rings** Only compatible with Flexi lamps

**Code**



**FLEXINICHE**

White	71209
Beige	71209CL090
Light Grey	71209CL129
Anthracite grey	71209CL144
Stainless steel AISI 316-L embellisher with ABS body	71209CLSS
Full Stainless Steel AISI 316-L**	73440

Compatible with any niche from D. 180 mm to D. 230 mm. Decorative ring dimensions: Ø 294 mm. \*\*Full stainless steel dimensions: Ø 310 mm.

How to install?



**FLEXISLIM**

White	71210
Beige	71210CL090
Light Grey	71210CL129
Anthracite grey	71210CL144

Can be installed surface mounted on new pools or clipped to the existing AstralPool's surface fittings. Decorative ring dimensions: Ø 290 mm.

How to install?



**FLEXIRAPID**

White	71211
Beige	71211CL090
Light Grey	71211CL129
Anthracite grey	71211CL144

Compatible with any 1" ½ internal thread nozzle. Decorative ring dimensions: Ø 267 mm.

How to install?



**FlexiMini decorative rings** Only compatible with FlexiMini lamps

**Code**



**FLEXIMINI NICHE**

White	74392
Beige	74392CL090
Light grey	74392CL129
Anthracite grey	74392CL144
Stainless Steel A316-L with ABS body	74392CLSS

To be installed into a niche. Decorative ring dimensions: Ø 161 mm.

How to install?



**FLEXIMINI NOZZLE L**

White	74393
Beige	74393CL090
Light grey	74393CL129
Anthracite grey	74393CL144
Stainless Steel A316-L with ABS body	74393CLSS

To be installed into nozzles with a Ø 116 mm trim or less. Decorative ring dimensions: Ø 132 mm.

How to install?



**FLEXIMINI NOZZLE S**

White	74394
Beige	74394CL090
Light grey	74394CL129
Anthracite grey	74394CL144
Stainless Steel A316-L with ABS body	74394CLSS

To be installed into nozzles with a Ø 90 mm trim or less. Decorative ring dimensions: Ø 96 mm.

How to install?



**FLEXIMINI PIPE**

White	74395
Beige	74395CL090
Light grey	74395CL129
Anthracite grey	74395CL144
Stainless Steel A316-L with ABS body	74395CLSS

To be installed into pipes or wall bushings in concrete pools. Decorative ring dimensions: Ø 96 mm.

How to install?





LED LIGHTING FOR POOL

NICHES GUIDE

For LumiPlus Flexi and LumiPlus FlexiMini



TYPE OF INSTALLATION	TYPE OF PROJECTOR	TYPE OF POOL							
		CONCRETE	CONCRETE + LINER		FIBREGLASS		PANELS		
			with inserts	without inserts	with inserts	without inserts	with inserts	without inserts	
 230 mm niches	FlexiNiche	 00349	 17805	 72261	 00364	 28887	 23671	 23670	
 180 mm niches	FlexiNiche	 59813	 59814	 59815	 59814	 59815	 59814 + double gasket (59814-0100)	 59815 + double gasket (59814-0100)	
 Stainless steel niches	FlexiNiche full SS	 54102	 54103	-	 54103	-	-	-	
 FlexiSlim	FlexiSlim	Installation fittings are included with the projector		Adaptor 71234 is needed	Adaptor 71234 is needed	Installation fittings are included with the project		Adaptor 71234 is needed	
 FlexiRapid	FlexiRapid	 35418	 59983	 06544	-	 74179	 00332	 27084	
 Mini niches	FlexiMini Niche	 06967	 00369	-	 00369	-	 49828	-	
 FlexiMini L Nozzle	FlexiMini L Nozzle	 00300/ 00301	 59983	-	-	 00336	 00332	-	
 FlexiMini S Nozzle	FlexiMini S Nozzle	 35418	-	 06544	-	 74179	-	 27084	
 FlexiMini Pipe	FlexiMini Pipe	 15661	-	-	-	-	-	-	

POOL LIGHTING

# Energy efficiency

New European regulation of energy labeling for lamps and projectors



## NEW ENERGY EFFICIENCY LABEL FOR LIGHTING

The European Union launches the European Regulation EU 2019/2015 on new energy efficiency labeling in lamps and projectors that starts on September 1st, 2021 and repeals the European Regulation EU 874/2012.

The new Energy Efficiency label allows:

- Providing more information to the installer and customer. Thanks to the new QR code will access the European EPREL base, where the characteristics of the product are available.
- Carrying out a new energy classification promotes evolution of lighting technology.
- Greater control of products manufactured in the EU, with the QR code.

**ENERG**

**ASTRALPOOL**  
71201

A  
B  
C  
D  
E  
F  
G

**E**

**14**  
kWh/1000h

2019/2015

New label

**ENERG** Y IJA  
IE IA  
енергия · ενεργεια

AstralPool 71201

A++  
A+  
A  
B  
C  
D  
E

**A++**

**14** kWh/1000h

Old label

POOL LIGHTING

The new classification must be marked on the unit packagings with the label, and in catalogs and product data sheets with the symbol below.



LED LIGHTING FOR POOL



## PAR56 LAMPS Lumiplus Plug&Play lamps

Easy to install, easy to control: A very intuitive RGB control without further installation works in the electric cabinet, or the technical room, make LumiPlus Plug&Play PAR56 lamps the perfect retrofit solution.

Powered at 12 Vac.

Compatible with PAR56 projectors.

Cable is not included.

### TECHNICAL FEATURES

RGB

	Description	Light Color	Code	Consumption	Luminous flux
	LumiPlus PAR56 Plug&Play lamp	RGB 	76591M	34,5W (45VA)	2000 lm
Works with Plug&Play remote controller 74339 (not included).					
	KIT 1 x LumiPlus PAR56 Plug&Play lamp + Remote Control	RGB 	76592M	34,5W (45VA)	2000 lm
The kit includes one LumiPlus Plug&Play PAR56 lamp plus a LumiPlus Plug&Play remote control.					
	KIT 2 x LumiPlus PAR56 Plug&Play lamp + Remote Control	RGB 	76593M	34,5W (45VA)	2000 lm
The kit include two LumiPlus Plug&Play PAR56 lamp plus a LumiPlus Plug&Play remote control.					

15

METERS  
SIGNAL  
RANGE



DIMMING:  
LIGHT INTENSITY  
CONTROL

12

COLOURS

8

COLOUR  
CHANGING  
SEQUENCES

8

COLOUR  
CHANGING  
SPEEDS



ALSO COMPATIBLE  
WITH THE COMMAND  
CONNECT CABINET

LED LIGHTING FOR POOL

# LUMIPLUS DESIGN



The LumiPlus Design projector is a high power underwater projector that can be installed in 180mm diameter niches.

The decorative ring is available in Stainless Steel effect and Pure White.

The projector is available in 3 different types of light: white 5700K, warm white 3000K, and RGB multi-color.

The RGB versions are compatible with LumiPlus Connect Controller, code 76290, and LumiPlus RGB ECO push-button, code 32458.

## TECHNICAL FEATURES

### White - Warm White - RGB

Light Colour		White	Stainless steel effect	Consumption	Luminous flux
	White	59807	59805	32W (35VA)	4320 lm
	Warm White	59807WW	59805WW	32W (35VA)	4320 lm
	RGB	59803	59801	32W (42VA)	2544 lm

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm<sup>2</sup> cable.

## NICHES GUIDE For LumiPlus Design



TYPE OF INSTALLATION	TYPE OF PROJECTOR	TYPE OF POOL						
		CONCRETE	CONCRETE + LINER		FIBREGLASS		PANELS	
			with inserts	without inserts	with inserts	without inserts	with inserts	without inserts
<p>180mm niches</p>	LumiPlus Design						 59814 + double gasket (59814-0100)	 59815 + double gasket (59815-0100)

LED LIGHTING FOR SPAS

DMX LAMPS



DMX lamps are powered at 12VAC. Must always work with DMX slave controller 41107 and a DMX master controller (for example the controller 74099).

Flexi lamps are compatible with Flexi decorative rings.

FlexiMini lamps are compatible with FlexiMini decorative rings.

PAR56 lamps are compatible with PAR56 projectors.

DMX LAMPS

		Light Colour		Code	Consumption	Luminous flux
Flexi DMX lamp		RGB DMX		71208	43W (54 VA)	2544 lm
FlexiMini DMX lamp		RGB DMX		74409	8W (11,5 VA)	600 lm
PAR56 DMX lamp		RGB DMX		45637	43W (54 VA)	2544 lm

LIGHTING SELECTION GUIDE

LumiPlus projectors for spas

	SPAs			
	White light		RGB light	
	Micro	Mini V2	Micro	Mini V2
The RGB versions are compatible with LumiPlus Connect Controller.				
Type of installation				
Light color temperature	5.700K  3.000K	5.700K  3.000K		
Decorative ring color	White Stainless steel	White Stainless steel	White Stainless steel	White Stainless steel
Lighting area	 5m <sup>2</sup> x projector		 3m <sup>2</sup> x projector	



LED LIGHTING FOR SPAS



## LUMIPLUS MINI V2



The LumiPlus Mini V2 projector is a small dimensions underwater projector for SPAs.

The decorative ring is available in Stainless Steel or white ABS. Anthracite, Grey and Beige ABS decorative rings are also available.

The projector is available in 3 different types of light: white 5700K, warm white 3000K, and RGB multi-color.

The RGB versions are compatible with LumiPlus Connect Controller, code 76290, and LumiPlus RGB ECO push-button, code 32458.

### MINI V2 projector for SPA

Light Color	Type of decorative ring		Consumption	Luminous flux		
	White	S.S.				
	White	F	52132	52133	4W (6VA)	315 lm
	Warm White	F	52132WW	52133WW	4W (6VA)	315 lm
	RGB	G	52126	52127	4W (7VA)	186 lm

Rated Voltage: 12V AC. IP68 protection. Includes 2.5 m H07RN-F 2x1.5 mm<sup>2</sup> cable. Fastened between a threaded bolt and 2" nut.

### Color decorative rings for MINI V2 projectors

	Beige	Light grey	Anthracite
<p>Color front plate for MINI V2 projector for SPA</p>	08554-0500CL090	08554-0500CL129	08554-0500CL144

## LUMIPLUS MICRO SPA



The LumiPlus Micro projector is a small dimensions underwater projector for SPAs.

The decorative ring is available in Stainless Steel or white ABS.

The projector is available in 3 different types of light: white 5700K, warm white 3000K, and RGB multi-color.

The RGB versions are compatible with LumiPlus Connect Controller, code 76290, and LumiPlus RGB ECO push-button, code 32458.

### MICRO projector for SPA

Light Color	Type of decorative ring		Consumption	Luminous flux		
	White	S.S.				
	White	F	40765	40766	4W (6VA)	315 lm
	Warm White	F	40765WW	40766WW	4W (6VA)	315 lm
	RGB	G	64554	64555	4W (7VA)	186 lm

Rated Voltage: 12V AC. IP68 protection. Includes 2.5 m H07RN-F 2x1.5 mm<sup>2</sup> cable. Fastened between a threaded bolt and 1" 1/2 nut.



CONTROL SYSTEMS



CONTROL SYSTEMS



EMPOWER YOUR LIGHTING EXPERIENCE



ABSOLUTE CONTROL WHEREVER YOU ARE



WE PUT THE FOCUS ON EFFICIENCY

# LUMIPLUS CONNECT

*A delightful experience*



### LumiPlus Connect

SKU Picture	Name	SKU Reference	Features	Projectors compatibility
	<b>LumiPlus Connect controller</b>	76290	The LumiPlus Connect Controller operates through a smartphone and the Fluidra Pool App providing: -Absolute lighting control from anywhere -Customize colours and colour changing sequences -Colour changing speed control. -Dimming: Control of the light intensity. -Scheduling: Set your own schedules. -Voice control: Alexa compatible. Optionally, the LumiPlus Connect Controller can also be controlled by a remote controller for a more straightforward experience.	LumiPlus Connect lamps and projectors, LumiPlus Design RGB, LumiPlus Essential RGB, LumiPlus Mini SPA and Micro SPA RGB.
	<b>LumiPlus Connect W/ TW remote control</b>	76291	LUMIPLUS CONNECT W/TW remote control provides easy live control for the LumiPlus Connect lights. Compatible with the LumiPlus Connect Controller and LumiPlus Connect W, WW or TW lights.	LumiPlus Connect white, warm white and tunable white lamps and projectors. Must always work with LumiPlus Connect controller.
	<b>LumiPlus Connect RGB/ RGBW remote control</b>	76292	LUMIPLUS CONNECT M/MW remote control provides easy live control for the LumiPlus Connect lights. Compatible with the LumiPlus Connect Controller and LumiPlus Connect RGB or RGBW lights.	LumiPlus Connect RGB and RGBW lamps and projectors. Must always work with LumiPlus Connect controller.

CONTROL SYSTEMS

CONTROL SYSTEMS



LumiPlus Plug&Play

System	Code	Description	Projectors
LUMIPLUS PLUG&PLAY REMOTE CONTROL	74399	 <p>LumiPlus Plug&amp;Play remote controller is a very intuitive RGB control without further installation works in the electric cabinet or the technical room.</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- 15 meters signal range.</li> <li>- Dimming: Light intensity control.</li> <li>- 12 colours.</li> <li>- 8 colour changing sequences.</li> <li>- 8 colour changing speeds.</li> </ul>	LumiPlus Plug&Play lamps and projectors

ONDMX Touchscreen / ONDMX Touchscreen Pro

System	Code	Description	Projectors
ONDMX Touchscreen	74099	 <p>The OnLED WiFi Access Point installed next to the modulator enables broadband connections to be made with smartphone and tablet devices. By downloading the OnLED App onto your smartphone or tablet (using an Android or iOS system), you will be able to control your OnLED lamps and projectors.</p>	DMX 71208, FlexiMini DMX 74409 and PAR56 DMX 45637
ONDMX Touchscreen Pro	74100	 <p>The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, whilst maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette.</p> <p>The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software..</p>	DMX 71208, FlexiMini DMX 74409 and PAR56 DMX 45637

System	Code	Description	Projector
		<b>Control your pool lighting anywhere, anytime.</b>	
Existing installation	41107	 <p>DMX LED projector modulator/12V AC DMX receiver for the Flexi, PAR56 ranges. Receiving orders from the DMX controller (Astral DMX 74099) via the DMX bus and acting on the projectors that are connected.</p>	DMX 71208, FlexiMini DMX 74409 and PAR56 DMX 45637
LumiPlus Modbus FLUIDRA CONNECT	57434	 <p>The Modbus protocol enables the control of the LumiPlus modulator. It can be used to switch the projectors on and off, change their colours and sequence speed and set the time for putting the projectors in sleep mode.</p> <p>Download the Fluidra Connect app for instant information about the state of your pool 365 days a year. Fluidra Direct is peace of mind, comfort and leisure. In addition to controlling projectors, LumiPlus lets you control the filtration, water treatment and more of your pool through the Modbus protocol.</p>	LumiPlus Design, LumiPlus Essential, Mini SPA and Micro SPA projectors
New installation	57435	 <p>The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus 27818 modulator for correct installation and operation.</p>	



CONNECTION BOXES



75971

75971CL090



75971CL129

75971CL144



UNIK CONNECTION BOX

Manufactured in ABS, with a cover designed to be integrated in the pool surroundings.

Compatible to install in a Ø50 tube or hose.

All threaded connections are M-25 and can be manipulated after its installation.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White	75971	8	4.65	0.030
Beige	75971CL090	8	4.65	0.030
Light Grey	75971CL129	8	4.65	0.030
Anthracite	75971CL144	8	4.65	0.030



SALT WATER

CONNECTION BOX



75972

75972CL090



75972CL129

75972CL144



SALT WATER

Manufactured in ABS.

Compatible to install in a Ø50 tube or hose.

All threaded connections are M-25 and can be manipulated after its installation.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White	75972	8	3.8	0.030
Beige	75972CL090	8	3.8	0.030
Light Grey	75972CL129	8	3.8	0.030
Anthracite	75972CL144	8	3.8	0.030

CONNECTION BOX



In AISI-316 stainless steel. Two PG 15 thread side outlets with two PG16 to M25 converters.

3/4" BSP threaded bottom connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Connection box	00393	1	0.21	0.002

**NICHES**



## 230mm NICHES



ABS niches with a 230mm internal diameter, compatible with FlexiNiche and PAR56 projectors. Niches are available for concrete pools, fiberglass, liner and panel pools, with or without inserts.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Without inserts	00349
Fibreglass pool	With inserts	00364
Fibreglass pool	Without inserts	28887
Liner pool	With inserts	17805
Liner pool	Without inserts	72261
Panel pool	With inserts	23671
Panel pool	Without inserts	23670



## 180mm NICHES



ABS niches with a 180mm internal diameter, compatible with FlexiNiche and Design projectors. Niches are available for concrete pools and fiberglass or liner pools, with or without inserts.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Without inserts	59813
Fibreglass pool/Liner pool	With inserts	59814
Fibreglass pool/Liner pool	Without inserts	59815



## STAINLESS STEEL NICHES



AISI 316 stainless steel niches designed to accommodate FlexiNiche full stainless steel projectors. Two types of niches are available: one for concrete pools and another for both liner or fiberglass pools.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	With inserts	54102
Liner pool	With inserts	54103

NICHES



## PS NICHES



ABS niches with brass cable gland. Compatible with FlexiNiche and PAR56 projectors. Two types of niches are available: one for concrete pools and another for fiberglass pools.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Without inserts	00355
Fibreglass pool	Without inserts	00367



## MINI NICHES



ABS niches for FlexiMini Niche or Essential Mini Niche projectors. Niches are available for concrete, fibreglass, liner and panel pools and have brass inserts.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Without inserts	06967
Liner pool	With inserts	00369
Panel pool	With inserts	49828



## MINI NICHES WITH INTEGRATED NOZZLE OR WALL BUSHING



Small-dimension ABS niches are available in two types:

Model 53956 designed for concrete pools, featuring an integrated wall bushing. Compatible with FlexiMini Pipe and Essential Mini projectors.

Model 59983 suitable for liner or fiberglass pools, equipped with a 1" 1/2 internal thread nozzle. Compatible with FlexiMini Nozzle L, FlexiRapid, and Essential Rapid projectors.

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Without inserts	53956
Liner pool	With inserts	59983

LED LIGHTING ZODIAC - LED NL

NL NICHELESS LED LIGHTS



EASY-TO-INSTALL, ECO-FRIENDLY LIGHTING

Pool lighting is an essential asset for enhancing your pool.

Zodiac® NL LED lights enable you to achieve this and they are both **energy saving** and **easy to install**.

They are installed during the construction stage and enhance all pool types, **using innovative, obstruction-free technology**.

> LED LIGHTING: AN ENERGY-SAVING INNOVATION

**Energy efficient:** powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).

**Long lasting:** they last up to **10 times longer** than traditional incandescent light bulbs.

Higher performance lighting > ENERGY SAVING 90%

1 classic spotlight  
Total consumption: 300 W  
Annual cost = €37

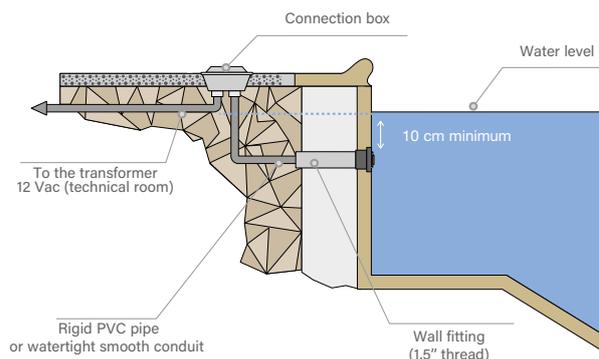
Calculation based on 4h/day Use throughout the season (6 months) at a price of €0.1694 / kWh (average price with VAT in France)

3 12 W NL LED lights  
Total consumption: 27 W  
Annual cost = 9 €

> "NICHELESS" INSTALLATION: INSTALLED ANYWHERE, QUICKLY AND EASILY!

**Quickly & easily:** With Zodiac® NL LED lights, there's no need to build a niche, they slot directly into a standard 1.5" wall fitting and are compatible with all pool surfaces (liner/PVC, concrete, polyester, etc.).

**Compact:** They integrate perfectly into the pool, adding to its aesthetic appeal and are compatible with all pool cleaners (no obstructions jutting out from the wall).

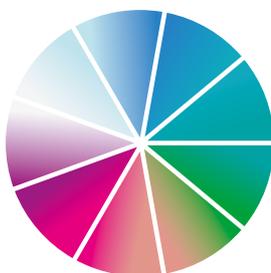


> COMPACT AND POWERFULL LIGHTS: CUSTOMISABLE AMBIANCE LIGHTING!

Freedom and creativity: NL LED lights offer a **wide range of set colors and ambiance lighting** thanks to their RGBW technology.

SET COLORS

- ALPINE WHITE
- SKY BLUE
- COBALT BLUE
- CARIBBEAN BLUE
- SPRING GREEN
- EMERALD GREEN
- EMERALD ROSE
- MAGENTA
- VIOLET



A sophisticated and relaxing atmosphere



An electric atmosphere with over 1,500 constantly changing colors



A star-shaped light show in red, white and blue



A carnival atmosphere with a 32-color display



A night brought to life by hundreds of colors



**Simple to use:** 100% compatible with Zodiac® eXO® iQ smart salt water chlorinators (LS and standard versions), Hydroxinator® iQ and with Command Connect cabinet through Fluidra Pool App.

DID YOU KNOW?

WITH RGBW LED, THERE'S NO NEED TO CHOOSE BETWEEN WHITE AND COLOR!

Zodiac® NL LED lights are innovative, using RGBW technology (Red-Green-Blue-White) to add white to all 3 primary colors. This enables you to generate an infinite color pallet, with a more natural shade, or pure white lighting.





**LED LIGHTING ZODIAC - LED NL**



**NL**

- Perfect integration for an enhanced pool
- Powerfull Led lighting
- Guaranteed energy savings

**ACCESSORIES INCLUDED IN THE PACK**



Installation tool



White & grey cosmetic rings

**ASSOCIATED PRODUCTS**

Hydroxinator® iQ	eXO® iQ
WW000172/173/174/175	WW000162/163/164/165/170/171

**PRODUCT REFERENCES**

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Standard Model	WT000233	WT000234	WT000235	WT000236	WT000237	WT000238

**DESCRIPTION**

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Installation Compatibility	Pool outlet with 1,5" internal thread and without internal reduction ("suction cleaner" outlet type)					
Led Type	RGBW : color + white			Bright white		
Operating Mode(s)	9 fixed colors & 5 multicolor lighting ambiances			1 fixed color : white		
Color Choice*	Manual (on/off sequences) Fluidra Pool App compatible when controlled by a Command Connect cabinet.					
Use	Fresh water and salt water up to 6 g/L (6000 ppm)					

**TECHNICAL SPECIFICATIONS**

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Power	6 W	12 W	24 W	6 W	12 W	24 W
Max amperage (A)	0.52	0.92	1.25	0.62	1.09	1.84
Illuminated surface (m <sup>2</sup> )**	160	340	505	390	725	1180
Luminous flux (Lumen)	12 to 15	15 to 20	20 to 24	12 to 15	15 to 20	20 to 24
Led lifespan ***	10 000 h					
Protection rating	IP 68					
Power supply	12 VAC - 50/60 Hz					
Cable lenght	3 m					

**DIMENSIONS AND WEIGHT**

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
External diameter (lens)	49.6 mm					
Light body diameter	36.7 mm					
Length A (without cable)	118 mm	143 mm	118 mm	143 mm		
Weight (with cable)	500 g	520 g	500 g	520 g		



\*\* For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.  
\*\*\* : Theoretical lifespan in hours, for information only.

**TRANSFORMERS AND ACCESSORIES**

**IP-20 TRANSFORMERS**



- Range of transformers that convert from 230V AC to 12V AC
- Compact design.
- Suitable for all types of circuit board.
- Quick and easy installation.
- Connection via terminals protected against indirect contacts.
- Up to 40 m between the spotlight and transformer.
- Made in compliance with Standard UNE-EN-61558-2-6.
- IP-20 protection rating.
- Age-resistant housing.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
100 VA 230 V to 12 V transformer	00383-1369	-	-	-
300 VA 230 V to 12 V transformer	00384-1369	-	-	-
600 VA 230 V to 12 V transformer	00385-1369	-	-	-
130VA from 230V to 12V	00383-4146	6	15.0	0.011
300VA from 230V to 12V	71436	4	21.0	0.012
600VA from 230V to 12V	00385-4146	2	19.0	0.012

Alternative transformer range, on enquiry.

**ENCAPSULATED SECURITY transformer with IP-65 protection rating for pools**



- IP65 protection rating. From 230Vac to 12Vac-17Vac Class II transformer with total protection against electric shock.
- Compact design.
- Quick and easy installation.
- Connection via terminals protected against indirect contacts.
- Up to 40 m between the spotlight and transformer.
- Made in compliance with Standard UNE-EN-61558-2-6.
- IP-65 protection rating.
- Self-extinguishing housing IEC 695-2-1

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
130 VA from 220-240 V to 12 V	35807	1	3.2	0.02
400 VA from 220-240 V to 12-17 V	35385	1	6.8	0.04
800 VA from 280-240 V to 12-17 V	35386	1	10.4	0.04

**TRANSFORMER PROTECTION BOXES**



Protection plates for IP-20 transformers. Made of painted zinc plate.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For transformer 00383	00386	1	1.15	0.01
For transformer 00384	00387	1	1.57	0.01
For transformer 00385	00388	1	3.00	0.01

TRANSFORMERS AND ACCESSORIES



## FLEXIBLE CONDUIT HOSE

Cable conduit to link the light's niche with the connection box. Available in lengths of 1 meter and 1.5 meters.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Flexible cable conduit Threaded ends 3/4" and M25. 100cm	28138	20	2	-
M25 socket joint	10892-0404	1000	11.8	-
Flexible cable conduit Threaded ends 3/4" and M25. 150cm	28138-150	150	20	-



## CABLE ROLL HO7RN-F

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.5 mm<sup>2</sup></b>				
Cable 2x1.5mm <sup>2</sup> - 5m.	74652	1	1	0.01
Cable 2x1.5mm <sup>2</sup> - 10m.	74656	1	1.4	0.01
Cable 2x1.5mm <sup>2</sup> - 15m.	74657	1	2.5	0.01
Cable 2x1.5mm <sup>2</sup> - 20m.	74658	1	3.25	0.01
Cable 2x1.5mm <sup>2</sup> - 25m.	74659	1	4.2	0.01
Cable 2x1.5mm <sup>2</sup> - 30m.	74673	1	3	0.01
<b>2.5 mm<sup>2</sup></b>				
Cable 2x2.5mm <sup>2</sup> - 10m.	71645	1	1.8	0.01
Cable 2x2.5mm <sup>2</sup> - 15m.	71646	1	2.5	0.01
Cable 2x2.5mm <sup>2</sup> - 20m.	71647	1	3.25	0.01
Cable 2x2.5mm <sup>2</sup> - 25m.	71648	1	4.2	0.01
Cable 2x2.5mm <sup>2</sup> - 30m.	71649	1	4.6	0.01



## UNDERWATER CONNECTION KIT

The kit has all the necessary components to carry out any watertight connection. Due to the properties of the product, the resin seals all gaps. Maximum safety, easy installation, in 2 hours it is ready to be submerged.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Kit for Ø 13 to 15 mm cables	32803	1	0.3	0.002
Kit for Ø 8 to 12 mm cables	35661	1	0.3	0.002

## UNDERWATER CONNECTOR

with IP68 protection rating and 4 poles

Includes 5 connectors and two wrenches. Connector's dimensions: 68mm length x 23mm diameter.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
IP68 connector	71318	24	4.2	0.3

**AQUARMONY UNDERWATER MUSIC SYSTEM**



**OTHER ACCESSORIES**

with IP68 protection rating and 4 poles

Includes 5 connectors and two wrenches. Connector's dimensions: 68mm length x 23mm diameter.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Watertight cable gland cap to glue into Ø50mm pipe	65286	50	4	-
Fixation kit to adapt LumiPlus Design projectors to other Ø180mm niches	59818	25	2	-
Liner kit for FlexiSLIM	71234	1	0.245	-

**AQUARMONY LOUDSPEAKER**



With frontal installation. To listen to music and voice underwater creating a magical and different atmosphere. Aquarmony is a sealed waterproof loudspeaker designed for your pool. It is made of high quality components, innovative technology and with an assembly system assuring a correct operation in salt water or with a high Chlorine content. Easy installation.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Aquarmony Loudspeaker	25680	-	-	-
Niche for concrete pool	00349	-	-	-
Niche for liner pool	00364	-	-	-

Note: The niches come with a stuffing box assembly and a 1.5-m cable grommet specially designed for the Aquarmony range

**TECHNICAL FEATURES**



Maximum power	60 W
Impedance	4 ohm
Frequency	200-12000 Hz
Maximum area per loudspeaker	80 m <sup>2</sup>
Maximum installation depth	40 cm
Weight	5 Kg
Cable length supplied	5 m



**AMPLIFIER AND LOUDSPEAKERS**

KITMEZZO322A2 / KITMEZZO324A4

**KITMEZZO322A2 -**

Amplification system to connect up to a maximum of 2 underwater speakers already configured.

- 2-channel amplifier.
- Analog inputs on Euroblock and on 3.5mm stereo jack, outputs on Euroblock.
- DSP control via ethernet.
- Dimensions 210 x 275 x 40.
- Weight 2,6 Kg.
- 4 x 160W
- Impedance: 4 Ohm - 8 Ohm
- Complete with 2 double insulated audio transformers

**KITMEZZO324A4-**

Amplification system to connect up to a maximum of 4 underwater speakers already configured.

- 2-channel amplifier.
- Analog inputs on Euroblock and on 3.5mm stereo jack, outputs on Euroblock.
- DSP control via ethernet.
- Dimensions 210 x 275 x 40.
- Weight 2,6 Kg.
- 4 x 80W
- Impedance: 4 Ohm - 8 Ohm
- Complete with 4 double insulated audio transformers

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Amplifier and loudspeakers	KITMEZZO322A2	-	-	-
Amplifier and loudspeakers	KITMEZZO324A4	-	-	-



## POOLS

# POOL LINING MATERIAL

- 297 ALKORPLAN 200/100 REINFORCED LINER**
  - 297 3D ALKORPLAN TOUCH reinforced membrane
  - 298 ALKORPLAN CERAMICS reinforced membrane
- 299 ALKORPLAN 150/100 REINFORCED LINER**
  - 299 ALKORPLAN2000 reinforced membrane
  - 300 RENOLIT ALKORPLAN RELIEF reinforced membrane
  - 301 ALKORPLAN3000 membrane
  - 301 RENOLIT ALKORPLAN Natural pool
  - 303 RENOLIT ALKORPLAN Vogue reinforced membrane
  - 304 ALIVE COLLECTION reinforced membrane
- 306 ALKORPLAN LINER ACCESSORIES**
- 308 ACCESSORIES LINER**
- 313 POOL SHELL ACCESSORIES SPECIAL FOR LINER POOL RENOVATION**
- 315 ASTRALPOOL UNI MEMBRANES**
  - 315 ASTRALPOOL UNI MEMBRANES
  - 315 UNI BASIC
  - 315 UNI PLUS
- 316 GLASS TILING FOR POOLS**
  - 316 5 x 5
  - 318 Digital
  - 319 Pearl
  - 319 Blue mix
  - 320 Lagoon effect
  - 320 Beach effect
  - 321 Stone effect
  - 321 White
  - 322 Anti-slip
  - 322 Blue
  - 323 Premium Pearl Finish Mix
- 325 GLASS TILING FOR SPAS AND WELLNESS FACILITIES**
  - 325 Sixties
- 326 GLASS TILING: PROJECTS**
- 328 UNDER WATER REPARATIONS SOLUTIONS**

# ASTRALPOOL RECOMMENDATION

## POOL FINISH COLOURS

Colours of pool shell materials recommended by AstralPool depending on the colour of your pool's finish.



### POOL FINISH COLOURS



LIGHT BLUE



ADRIATIC BLUE



CARIBBEAN GREEN



WHITE



67497



54357

### ASTRALPOOL RECOMMENDATION POOL SHELL



WHITE



SAND



RELAX



SUBLIME



54316



54324



54256 (MATT - C3)



BEIGE CLO90 RAL1015



LIGHT GREY



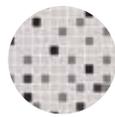
PLATINUM



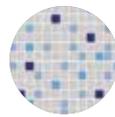
VANITY



SAND PERSIA



FADED MIX



LIGHT GREY CL129 RAL7004



DARK GREY



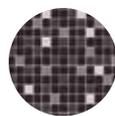
ELEGANCE



AUTHENTIC



54398



FADED MIX



66717



ANTHRACITE CL144 RAL7016

**ALKORPLAN 200/100 REINFORCED LINER**

**RENOLIT  
ALKORPLAN**



**3D ALKORPLAN TOUCH** reinforced membrane

TOUCH is the new reinforced membrane ALKORPLAN 2 mm thick. It is the strongest and most resistant on the market and has a natural finish. TOUCH Membranes have exclusive prints and a 3D embossing that makes them unique, tactile, and visually exciting.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>TOUCH 1.65 x 21 m</b>				
Elegance	35517501F	-	-	-
Relax	35517401F	-	-	-
Authentic	35517402F	-	-	-
Vanity	35517409F	-	-	-
Sublime	35517407F	-	-	-
Prestige	35517403F	-	-	-
Origin	35517413F	-	-	-
<b>TOUCH 25 m</b>				
Elegance	35517501F	-	-	-
Authentic	35517602F	-	-	-
Vanity	35517609F	-	-	-
Sublime	35517607F	-	-	-
Prestige	35517603F	-	-	-
Origin	35517613F	-	-	-

**COLOURS**



Elegance



Relax



Authentic



Vanity



Sublime



Prestige



Origin



Elegance



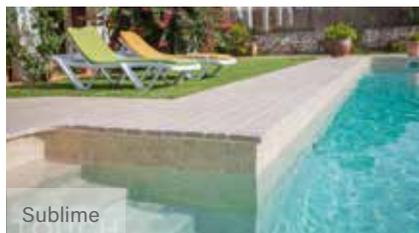
Relax



Authentic



Vanity



Sublime

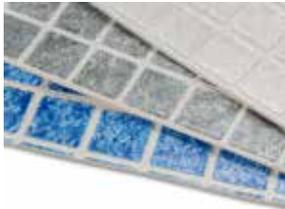


Prestige



Origin

# RENOLIT ALKORPLAN



## ALKORPLAN 200/100 REINFORCED LINER

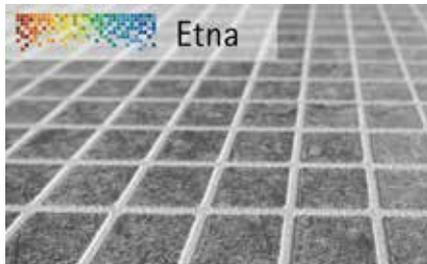
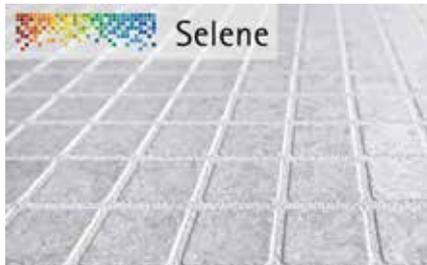
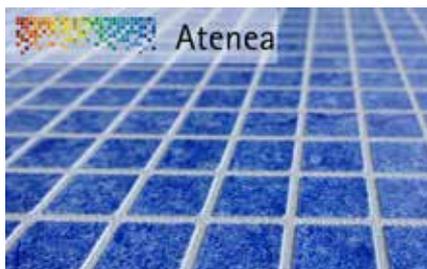
### ALKORPLAN CERAMICS reinforced membrane

ALKORPLAN CERAMICS is a reinforced 2-mm embossed membrane for pools that imitates the volume of real glass tiling and its joints to look like a mosaic inspired in Greek mythology.

- Watertightness guaranteed.
- Quick to fit in comparison with glass tiling.
- The ceramic pieces on ALKORPLAN CERAMICS do not fall off.
- Minimum maintenance.
- More resistant and long-lasting thanks to its 2-mm thickness.
- Embossed coating that makes it look like real glass tiling.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.65 x 21 m</b>				
Atenea	356127202F	-	-	-
Selene	356127203F	-	-	-
Etna	356127204F	-	-	-

#### COLOURS

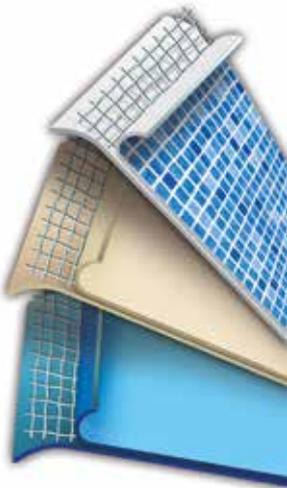


**ALKORPLAN 150/100 REINFORCED LINER**

**RENOLIT  
ALKORPLAN**

**ALKORPLAN2000** reinforced membrane

High quality membranes coated with a lacquer that gives them great UV stability, resistance to aging and weathering, and with the addition of fungicides and bactericides to prevent bacterial growth that make it rot-proof.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.65 x 25 m</b>				
Light Blue	356126205F	-	-	-
Adriatic Blue	356126203F	-	-	-
White	356126202F	-	-	-
Sand	356126210F	-	-	-
Light Grey	356126236F	-	-	-
Dark Grey	35216327F	-	-	-
Caribbean Green	356126204F	-	-	-
Black	35216249F	-	-	-
<b>2.05 x 25 m</b>				
Light Blue	356126208F	-	-	-
Adriatic Blue	356126207F	-	-	-
White	356126201F	-	-	-
Sand	356126211F	-	-	-
Light Grey	356126233F	-	-	-
Dark Grey	356126326F	-	-	-
Caribbean Green	356126206F	-	-	-

**COLOURS**



Light Blue



Adriatic Blue



White



Caribbean Green



Sand



Light Grey



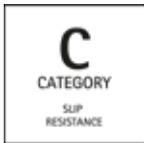
Dark Grey



Black

ALKORPLAN 150/100 REINFORCED LINER

**RELIEF**  
Collection



RENOLIT ALKORPLAN RELIEF

Reinforced membrane

RENOLIT launches the best multipurpose anti-slip sheet on the market with Class 3 CTE. In addition to having a finish that is more pleasant to the touch and to the eye, its new 25 m format and its 1.8mm thickness, it allows covering entire pools, making them more modern and attractive, and achieving invisible welds if installed by butt welding.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Anti-slip - 1.65 x 25 m</b>				
Light Blue	81116704FF	-	-	-
Adriatic Blue	81116702F	-	-	-
Caribbean Green	-	-	-	-
White	81116701F	-	-	-
Sand	81116705F	-	-	-
Light Grey	81116706F	-	-	-
Dark Grey	81116707F	-	-	-
Black	81116708F	-	-	-

COLOURS



White



Sand



Light Grey



Light Blue



Adriatic Blue



Caribbean Green



Dark Grey



Black

**ALKORPLAN 150/100 REINFORCED LINER**

**RENOLIT  
ALKORPLAN**

**ALKORPLAN3000** membrane

All RENOLIT ALKORPLAN3000 membranes are protected by a super resistant multi-layer of lacquer that extends the life of the membrane and prevents premature aging. High quality membrane printed with exclusive designs, coated with a special protective multi-layer lacquer that protects against:

- Abrasion or scratching caused during use.
- Appearance of algae and bacteria.
- Protection from UV rays.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.65 x 25 m</b>				
Byzanz Blue	35417209F	-	-	-
Carrara	35417214F	-	-	-
Marble	35417213F	-	-	-
Blue Persia	35417217F	-	-	-
Sand Persia	35417220F	-	-	-

**COLOURS**



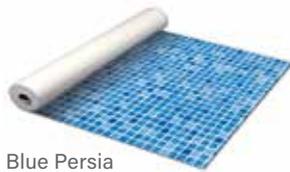
Byzanz Blue



Carrara



Marble



Blue Persia



Sand Persia

**NATURAL POOL**  
Collection

**RENOLIT ALKORPLAN** Natural pool

RENOLIT ALKORPLAN NATURAL POOL is a more environmentally-friendly product than those currently on the market. Its new formulation means the membrane can be used in the presence of fish and plants. Waterproofing membrane of flexible polyvinyl chloride (PVC-P) with a polyester reinforcing. Designed for natural swimming pools and small swimming ponds for private use.

- More environmentally-friendly product
- No bactericides
- No fungicides



Natural Green



Dark Grey



Black

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.5 m x 2.05 m</b>				
Olive green	00328006F	-	-	-
Dark grey	00328004F	-	-	-
Black	00328003F	-	-	-

# VOGUE

## Collection

25 Long Meters



Our team of technicians have worked intensely, until finding **a packaging, much more resistant and safer for the transport, both in groupage, as well as before Picking.**

This packaging change has allowed us change the footage of our **VOGUE range Collection**, up to 25 ML:

Being a more easily stackable packaging, this change means that the **standard pallet It becomes eight rolls instead of four.**

This circumstance, together with the greater length of the rolls, makes **our packing ratio/m<sup>2</sup> sheet fell by 43%, decreasing** therefore our waste impact on the environment.



**35717515F**  
Liner Vogue Vintage 25m



**35717516F**  
Liner Vogue Urban 25m



**35717517F**  
Liner Vogue Summer 25m



**35717518F**  
Liner Vogue Tropical 25m

**RENOLIT ALKORPLAN 150/100 REINFORCED LINER**

**RENOLIT  
ALKORPLAN**

**RENOLIT ALKORPLAN VOGUE reinforced membrane**

2mm premium membranes, with the same technology and quality as the Touch range but inspired by current interior and exterior decoration trends. Avant-garde designs that aim to respond to an audience that wants a unique, exclusive design pool with personality.

VOGUE is the new ALKORPLAN reinforced membrane with 2 mm thick. It is the strongest and most resistant on the market and its designs transform pools into true design objects. Inspiration comes from refined, modern and aesthetically avant-garde finishes to create dream pools.



Vintage



Urban

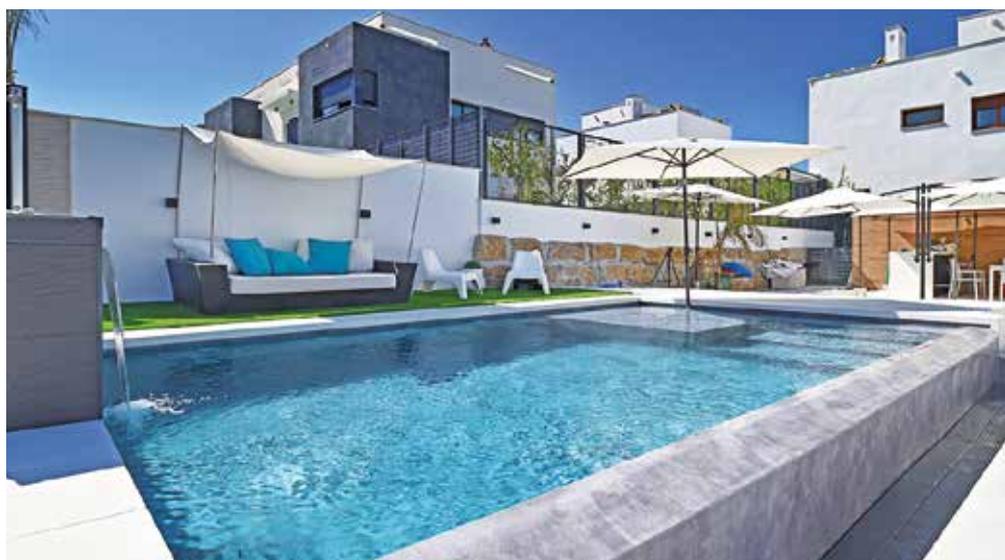


Summer



Tropical

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.65 m x 21 m</b>				
Vintage	35717415F	-	-	-
Urban	35717416F	-	-	-
Summer	35717417F	-	-	-
Tropical	35717418F	-	-	-





# ALIVE

Collection

## ALIVE COLLECTION reinforced membrane

Refresh your soul.

Every day offers us unique, fleeting opportunities that often go unnoticed. ALIVE is a reminder that life is made up of special moments, and each one deserves to be celebrated.



Prana



Dhyana



Chandra

**1.65**  
mm  
THICKNESS

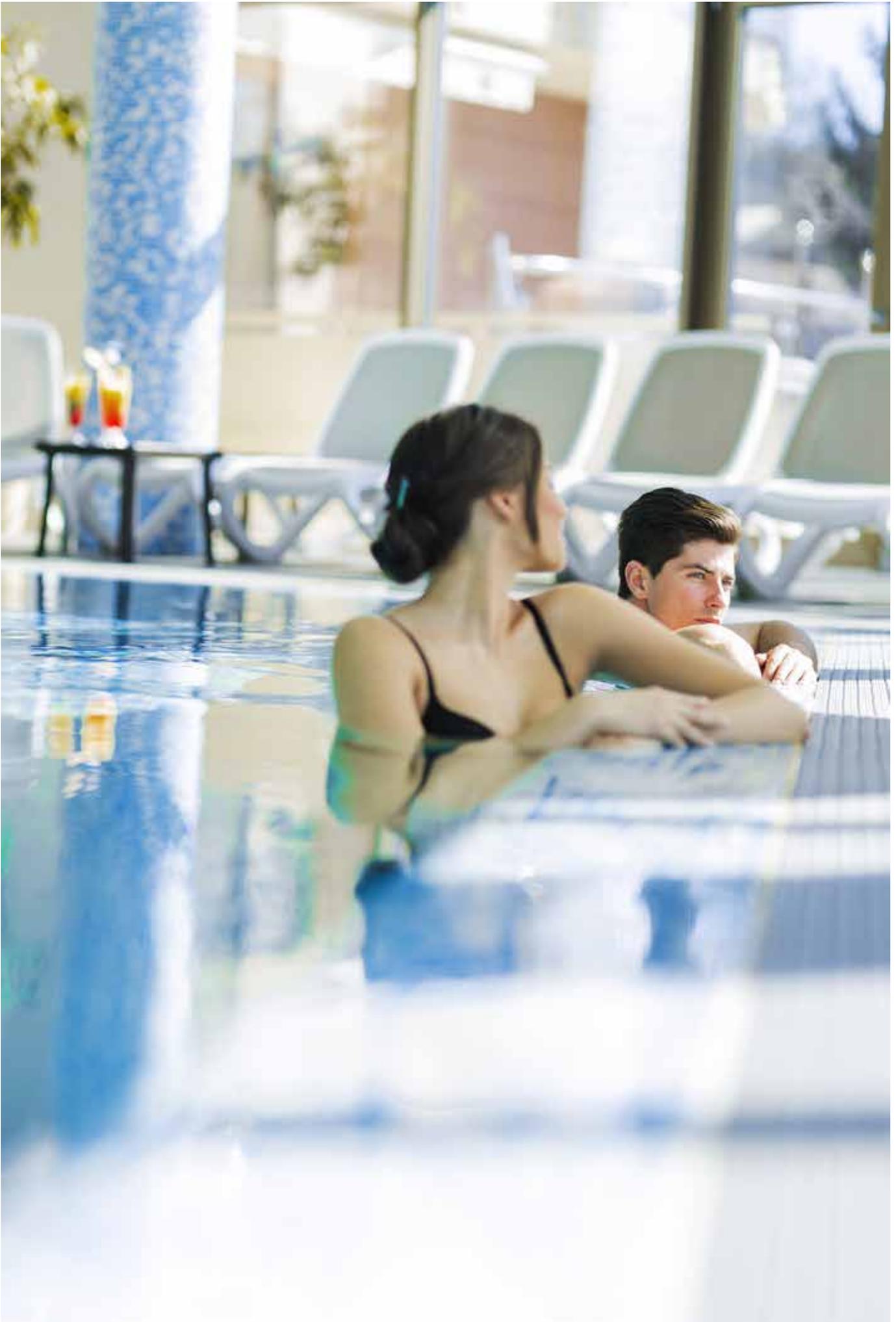
**C**  
CATEGORY  
SLIP  
RESISTANCE

**3**  
CATEGORY  
SLIP  
RESISTANCE

**100% SAFE**  
EN71-3  
SAFETY FOR TOYS

		Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>1.65 m x 21 m</b>					
Prana	Green	35117101F	-	-	-
Dhyana	Blue	35117102F	-	-	-
Chandra	Grey	35117103F	-	-	-





ALKORPLAN LINER ACCESSORIES

RENOLIT  
ALKORPLAN



ALKORPLUS SEAM SEALER

for the RENOLIT ALKORPLAN 2000 and 3000 ranges

Liquid PVC ALKORPLUS for sealing joints (1 litre tins/pack of 6 tins).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Light Grey	81029001F	-	-	-
Dark Grey	81029003F	-	-	-
Caribbean Green	81034001F	-	-	-
White	81035001F	-	-	-
Transparent	81037001F	-	-	-
Light Blue	81032001F	-	-	-
Adriatic Blue	81039001F	-	-	-
Sand	81054001F	-	-	-



ALKORPLUS VOGUE Seam sealer

Liquid PVC specifically for finishing the membrane welds of the RENOLIT AlkorPlan VOGUE. Necessary for overlap and butt welds. The color and texture are designed to match the RENOLIT AlkorPlan VOGUE membranes and its improved formulation gives it a permanent resistance to fading.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Vintage	81020001F	-	-	-
Urban	81020002F	-	-	-
Summer	81020003F	-	-	-
Tropical	81020004F	-	-	-

ALKORPLUS TOUCH Seam sealer

Specifically for fitting ALKORPLAN TOUCH membranes. Made using an innovative formulations that makes it more resistant to ageing and fading, thus prolonging the pool's service life and its perfect appearance by many years.



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Elegance	81023001F	-	-	-
Relax	81023002F	-	-	-
Authentic	81023003F	-	-	-
Vanity	81023004F	-	-	-
Sublime	81023005F	-	-	-
Prestige	81023006F	-	-	-
Origin	81023007F	-	-	-



ALKORPLUS TILE Seam sealer

Specific for fitting ALKORPLAN TILE membranes. The color and texture has been designed to match the RENOLIT ALKORPLAN TILE membranes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Quartz (grey)	81021002F	-	-	-
Jade (green)	81021003F	-	-	-

ALKORPLAN LINER ACCESSORIES



RENOLIT ALKORPLUS Seam sealer for the ALIVE Collection



Liquid PVC specifically for finishing the membrane welds of the RENOLIT ALKORPLAN ALIVE Collection. Necessary for overlap and butt welds. The color and texture are designed to match the RENOLIT ALKORPLAN ALIVE membranes and its improved formulation gives it a permanent resistance to fading.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Green	81025101F	-	-	-
Blue	81025102F	-	-	-
Grey	81025103F	-	-	-

RENOLIT ALKORPLAN

ALKORPLAN CERAMICS Seam sealer



Liquid PVC ALKORPLAN CERAMICS for finished welds (900 g tins/pack of 6 tins).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White	81021001F	-	-	-

RENOLIT ALKORPLAN

RENOLIT ALKORPLAN LANE MARKER



Black foil band for marking the streets in public and competition swimming pools. This black membrane and now, with more protection lacquer, offers greater resistance to whitening, designed for the harsh conditions of chemical treatment that usually occur in public pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Rail Bands (25 m x 0.25 m). Black colour	81113F25F	-	-	-

RENOLIT ALKORPLAN

ALKORPLAN GEOTEXTILE fungicide



Felt made up of 400 g/m<sup>2</sup> light blue heat-welded polypropylene fibres treated with metal ion anti-bacterial organic additives to act as a stable fungicide. It is used as a protective layer between the ALKORPLAN membrane and the pool surface to prevent the proliferations of bacteria, fungi and micro-organisms, as well as imitating the irregular embossed surfaces that the pool may have had before fitting the liner. Bathers also find the bottom of the pool much more pleasant when they walk on the membrane. Length: 50 m. Light blue colour.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Width 1.50 m. For butt welding	81006005F	-	-	-
Width 1.65 m	81006006F	-	-	-
Width 2.00 m	81006007F	-	-	-

**ALKORPLAN LINER ACCESSORIES**

**RENOLIT  
ALKORPLAN**



**BAND FOR TESTA INSTALLATION**

Band to install the membrane RENOLIT ALKORPLAN TOUCH to testa, which is recommended to be done on swimming pool floors for a much more impeccable visual finish. Its use is indicated together with the geotextile felt, 300 g or 400 g, in floors to avoid visible mounds appear next to the joints and welds..

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Butt welding band. Dark grey colour (1.5mm thickness x 15cm width x 20m length)	8113T20F	-	-	-

**ACCESSORIES LINER**

**RENOLIT  
ALKORPLAN**



**SKIMMER ADAPTOR**

The skimmer adaptor replaces the need to remove the previous skimmer, as it is inserted into the previous skimmer and sealed using ABS glue or marine silicone. It is only suitable for skimmers with an internal opening of 140 mm x 201 mm

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	55977	1	1.3	0.02

**RENOLIT  
ALKORPLAN**



**WALL INLET "R" / VACUM POINT "R"**

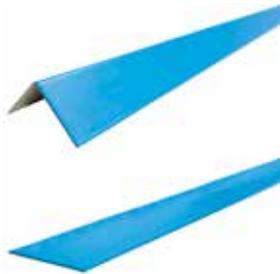
RENOLIT's R nozzles are designed to minimize 90% of engineering work required to replace the old concrete or fibre nozzle. Only for 50 mm pipes ready to 10 ATM.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Vacum Point "R"	81210008	-	-	-
Wall inlet "R"	81210007	-	-	-

For more pool shell elements dedicated to liner pools, see chapter pool shell equipment.

ACCESSORIES LINER

RENOLIT  
ALKORPLAN



PVC PROFILE RENOLIT ALKORPLUS

PVC profile for fixing the reinforced membrane to the pool wall or under the coping stone. Easily adaptable to any shape of the pool, just by applying a little heat. Completely insensitive to humidity, corrosion and chlorine..

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PVC laminate PVC profile (2 mm thickness x 5 cm width x 2 m length)	81170122F	-	-	-
90° angle PVC profile (2 mm thickness x 5x5 cm width x 2 m length)	81170142F	-	-	-

RENOLIT  
ALKORPLAN



PVC LAMINATED

Particularly suitable for fixing reinforced membrane in existing pools for renovation or for pools. where the horizontal surfaces are uneven or have irregularities.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PVC laminate (1.4mm thickness x 5cm width x 2m length)	81170022F	-	-	-

RENOLIT  
ALKORPLAN

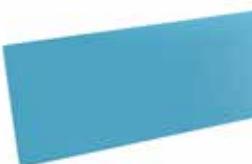


LAMINATE 90° ANGLE PROFILE

A Fixing with a 90° angle, suitable for new pools where the coping has not been fixed or for renovations where the crown can be removed and its upper surface of the pool structure is completely smooth.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Laminate 90° angle profile (1.4mm thickness x 4.5x4.5cm width x 2m length)	81170042F	-	-	-

RENOLIT  
ALKORPLAN



LAMINATE

Ideal for pools with irregular shapes where the installer can design their own profiles with the angle and size required.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Laminate (1.4mm thickness, 1cm width x 2m length)	56307	-	-	-

ACCESSORIES LINER

RENOLIT  
ALKORPLAN



74762



74982

BEAD RECEIVER TRACK

50mm white PVC or aluminium profile in piece of 2 m. Suitable for both new pools and renovations, with the possibility of adapting to straight sections as well as curved sections.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
PVC profile (5cm width x 2m length)	74762	-	-	-
Aluminium profile (5cm width x 2m length)	74982	-	-	-

RENOLIT  
ALKORPLAN



6 MM LOCKING BEAD

Beading to lock the reinforced membrane anchorage when the hung system is used. It also has an aesthetic finishing function.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Locking bead. White colour (6 mm width x 50m length)	8GAYLLOW	-	-	-

RENOLIT  
ALKORPLAN



RIVETS

Aluminium rivets.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
25 x 4.8 mm	81051100FF	3	8.0	0.01

ACCESSORIES LINER

RENOLIT  
ALKORPLAN



ALKORCLEAN WATERLINE

degreaser and ALKORPLUS stain remover

The ALKORCLEAN degreaser is recommended for removing grease from the waterline, while the ALKORPLUS stain remover neutralises metal ions in the water such as copper.

The ALKORPLUS stain remover is a liquid to prevent stains by preventing dirt forming on the waterline.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
ALKORCLEAN waterline degreaser	81026001F	-	-	-
Alkorplus stain remover	53898	-	-	-

RENOLIT  
ALKORPLAN



RENOLIT ALKORPLUS

Structure Disinfectant

An effective product for cleaning and disinfecting the structure prior to installing the lining, preventing the proliferation of microorganisms between the ground and the liner and, therefore, the appearance of irreversible stains. Transparent.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Pool Shell Disinfectant. 1L Transparent	81052002F	6	-	-

RENOLIT  
ALKORPLAN



RENOLIT ALKORPLUS THF Solvent

THF (Tetrahydrofuran) is a solvent normally used to reduce the viscosity of liquid PVC or sealing lacquer. These products leave the factory with the correct viscosity, but since they are manufactured using volatile solvents, over time their viscosity increases. To reduce it, a small quantity of THF is added in the polyethylene bottle that the sealant contains. It can also be used as a PVC accessory cleaner (tubes, piping, etc.), before the application of the specific PVC glue.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
THF solvent. 1L Transparent	81025001F	6	-	-

RENOLIT  
ALKORPLAN



RENOLIT ALKORPLUS MEC Solvent

MEC (Methyl ethyl ketone or Butanone) is a solvent used commonly to reduce the viscosity of sealants manufactured with the same MEC solvent. These products leave the factory with the correct viscosity, but as they are manufactured based on volatile solvents, their viscosity increases over time. To reduce it, add a small amount of MEC to the polyethylene bottle containing the sealant. This product is suitable for 81022 (XTREME), 81023 (TOUCH) and 81024 sealants.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
MEC solvent. 1L Transparent	74450	6	-	-

ACCESSORIES LINER

# RENOLIT ALKORPLAN



## RENOLIT ALKORGLUE

### Neoprene-based contact glue

The RENOLIT ALKORGLUE 81045 glue is a neoprene based contact adhesive. It is toluene-free and environmentally friendly. It will form a perfect bond between ALKORPLAN pool liner membrane, and geotextile 81006 to metal, wood, rigid PVC, concrete and other surfaces. It is not suitable for use in contact with expanded polystyrene.

	Code	Standard Pack
5 L Yellowish colour	81045001F	1
20 L Yellowish colour	81045002F	1

# RENOLIT ALKORPLAN



## RENOLIT ALKORGLUE Zero solvents

Multipurpose glue free of organic solvents suitable for not damaging sensitive materials like geotextile fleece or polystyrene. Thanks to being in an aqueous suspension, it can be used as a wet, semi-wet or contact glue. It is non-flammable.

	Code	Standard Pack
20 L Beige colour	81046001F	1

# RENOLIT ALKORPLAN



## RENOLIT ALKORGLUE

### Nitrile Rubber based thermo-adhesive

RENOLIT ALKORGLUE is a toluene-free, Nitrile Rubber based glue. The volatile solvent make is quick-drying and it has high resistance to water, ageing and plasticisers. These factors make it especially suitable for mounting the membrane on cement and mortar, and on stairs and corners even when damp. It has the added advantage of being reactivated by a hot-air welder, for those occasions when the membrane has been left open for long periods.

	Code	Standard Pack
Quick-drying glue. 20 L Beige colour	81043002F	1

# RENOLIT ALKORPLAN



## JOINT SEALANT Application Bottle

Kit joint sealant application bottle + dosing cap (5 bottles with normal cap + 20 dosing caps).

	Code	Standard Pack
Joint sealant	81445001F	1

POOL SHELL ACCESSORIES SPECIAL FOR LINER POOL RENOVATION

## EASYCOLOR Inlet Sheath



This kit of inlet sheath allows to change the color, both the embellisher and the floater.

This sheath could be installed without changing the skimmer mouth what is very practical to renew or upgrade pools.

This kit includes inlet sheath, floater, flanges and embellisher.

Compatible with skimmer items 30866, 30867, 73158, 73159, 73160, 73161, 73162 and 73163.



73166CL090



73166CL144



73166CL129

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Beige - inlet sheath	73166CL090	1	1.22	0.02
Light grey - inlet sheath	73166CL129	1	1.22	0.02
Anthracite grey - inlet sheath	73166CL144	1	1.22	0.02

Compatible with skimmer items 00251, 00252, 01463, 01464, 11304, 11305, 11311, 11313, 11314 and 11317



74035CL090



74035CL144



74035CL129

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Beige - inlet sheath	74035CL090	1	1.22	0.022
Light grey - inlet sheath	74035CL129	1	1.22	0.022
Anthracite grey - inlet sheath	74035CL144	1	1.22	0.022



74097



74097CL090



74097CL129



74097CL144

## MAIN DRAIN GRILLE

for pool standard compliance



Grille to replace the grilles on already installed main drains in private pools, to meet pool regulations. Made of PP plastic. Compatible with main drains 01467, 27837, 27839.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Grille</b>				
White	74097	6	3	0.033
Beige	74097CL090	6	3	0.033
Light grey	74097CL129	6	3	0.033
Anthracite grey	74097CL144	6	3	0.033



## MULTIFLOW THREADED RETURN

inlet for liner pools



Outer 2" thread, Ø 50mm inner. For liner pools. Comes in ABS, with gaskets and screws. Installation with bushing 15662 or 15663 is recommended.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White	76494	12	4.5	0.020
Beige	00330CL090	12	4.5	0.020
Light Grey	00330CL129	12	4.5	0.020
Anthracite Grey	00330CL144	12	4.5	0.020



Complies with Standards  
EN 16582-1  
EN 16713-2

## SUCTION NOZZLE for liner pools



Outer 2" thread, internal Ø 50 mm. Made of white ABS. Comes with plug, gaskets and screws. Recommended for installation with wall conduit 15663.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Standard return inlet - White	76500	12	4.22	0.020
Beige	00332CL090	12	4.22	0.020
Light Grey	00332CL129	12	4.22	0.020
Anthracite Grey	00332CL144	12	4.22	0.020



Complies with Standards  
EN 16582-1  
EN 16713-2

## 9 mm STRIP



Welded to the edge of the liner, allows the liner to attach to the pool shell, by using the corresponding profile.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	12184	250 m	9.0	0.036

For more pool shell elements dedicated to liner pools, see chapter pool shell equipment.

**ASTRALPOOL UNI MEMBRANES**

# ASTRALPOOL UNI MEMBRANES



The innovative membrane is designed with cutting-edge technology and is made with polyester layers reinforced with PVC.

Its strengthened structure provides exceptional resistance to impacts, corrosion, and temperature changes and protects against scratches and stains.

## UNI BASIC



**DESCRIPTION**

Basic colors and protection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Model / Color (25 m x 1.65 m)</b>				
White	86955	1	-	-
Sand	86956	1	-	-
Light grey	86957	1	-	-
Light blue	86959	1	-	-
Adriatic blue	86960	1	-	-

## UNI PLUS



**DESCRIPTION**

Additional protection against staining and abrasion.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Model / Color (25 m x 1.65 m)</b>				
White	76955	1	-	-
Sand	76956	1	-	-
Light grey	76957	1	-	-
Light blue	76959	1	-	-
Adriatic blue	76960	1	-	-
Caribbean green	76962	1	-	-
Dark grey	76958	1	-	-
Black	76961	1	-	-

**COLOURS**





GLASS TILING FOR POOLS

5 X 5



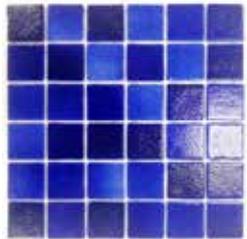
Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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31 x 31 cm / 13.15" x 13.15"

Niebla azul	NIAZ50Y NIEBLA	-	-
Niebla fuerte	NIFU50Y NIEBLA	-	-
Niebla piscina	NIP150Y NIEBLA	-	-
Niebla menta	NIME50Y NIEBLA	-	-
Blanco	BNCO50Y LISO	-	-
503	050350Y NIEBLA	-	-



NIEBLA AZUL



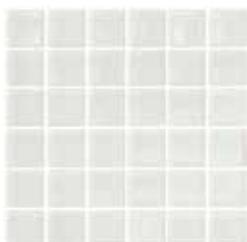
NIEBLA FUERTE



NIEBLA PISCINA



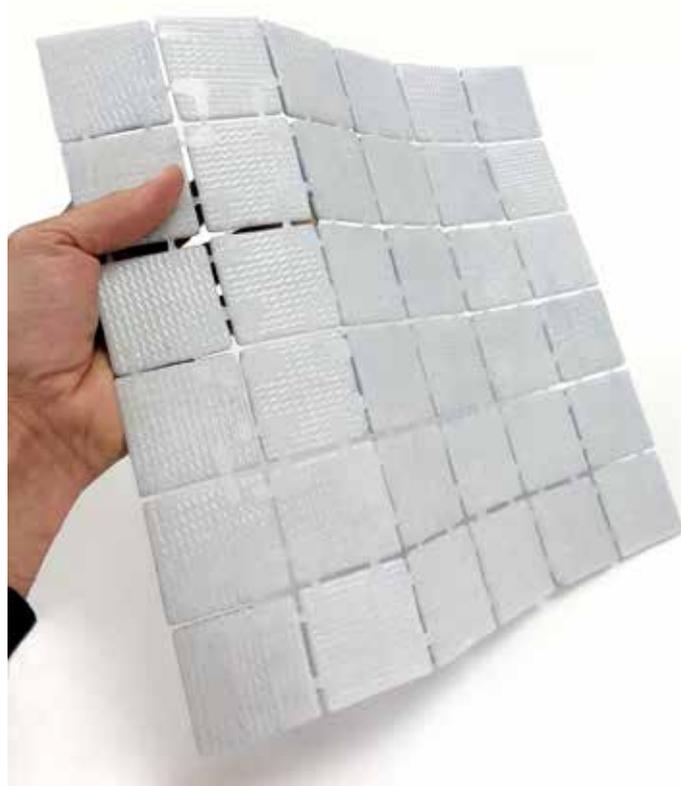
NIEBLA MENTA



BLANCO



503



Does not invade the joints

Resistance

Flexibility

Excellent Grip

Durability

Easy intallation

GLASS TILING FOR POOLS



5 X 5



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
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**31 x 31 cm / 13.15" x 13.15"**

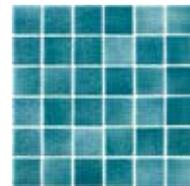
Niebla Tikal	NIVT50Y NIEBLA		
Niebla Koh Pai	NIKO50Y NIEBLA		
Niebla Bacan	NIBA50Y NIEBLA		
Niebla Java	NIJA50Y NIEBLA		
G326	G32650Y NIEBLA GLOSSY		
G340	G34050Y NIEBLA GLOSSY		
G341	G34150Y NIEBLA GLOSSY		
G342	G34250Y NIEBLA GLOSSY		
Niebla Tikal Silk	NIVT50AY NIEBLA ANTIDESLIZANTE		
Niebla Koh Pai Silk	NIKO50AY NIEBLA ANTIDESLIZANTE		
Niebla Bacan Silk	NIBA50AY NIEBLA ANTIDESLIZANTE		
Niebla Java Silk	NIJA50AY NIEBLA ANTIDESLIZANTE		
Chukum Silk	CHUK50AY NIEBLA ANTIDESLIZANTE		
Batur Silk	BATU50AY NIEBLA ANTIDESLIZANTE		



Niebla Tikal



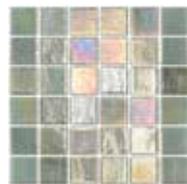
G326



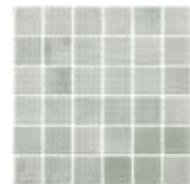
Niebla Tikal Silk



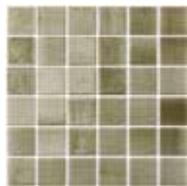
Niebla Koh Pai



G340



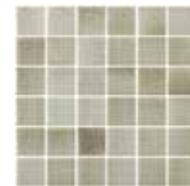
Niebla Koh Pai Silk



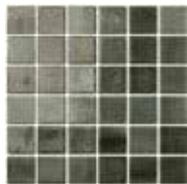
Niebla Bacan



G341



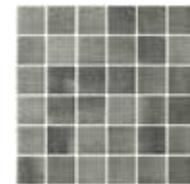
Niebla Bacan Silk



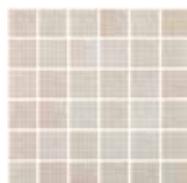
Niebla Java



G342



Niebla Java Silk



Chukum Silk



Batur Silk

GLASS TILING FOR SPAS AND WELLNESS FACILITIES



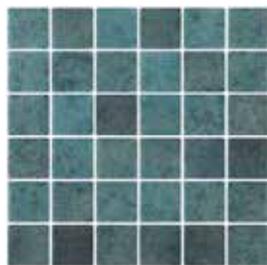
DIGITAL



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>31 x 31 cm / 13.15" x 13.15"</b>				
Matt Jade 5x5	JADE50AY	-	-	-
Matt Hanoi 5x5	HANO50AY	-	-	-
Matt Snow 5x5	SNOW50AY	-	-	-
Matt Cloud 5x5	CLOU50AY	-	-	-
Matt Sand 5x5	SAND50AY	-	-	-
<b>33.4 x 33.4 cm / 13.15" x 13.15"</b>				
Itaca	ITAC25Y	-	-	-
Corfú	CPRF25Y	-	-	-
Delfos	DLFS25Y	-	-	-
Elba	ELBA25Y	-	-	-



MATT JADE



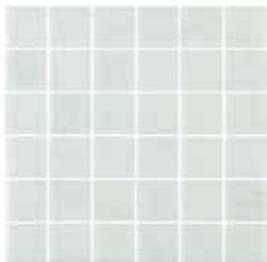
MATT HANOI



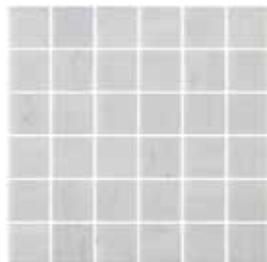
ITACA



CORFÚ



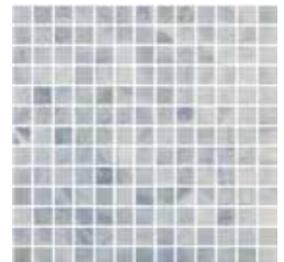
MATT SNOW



MATT CLOUD



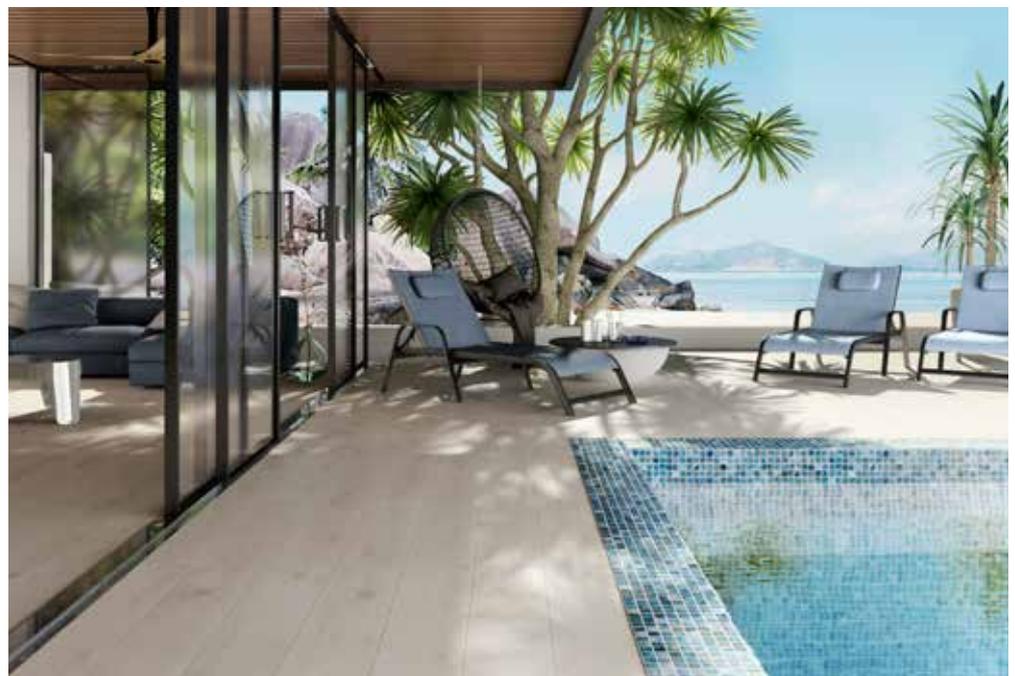
DELPHOS



ELBA

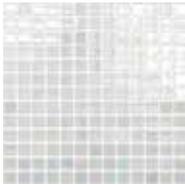


MATT SAND



GLASS TILING FOR POOLS

PEARL



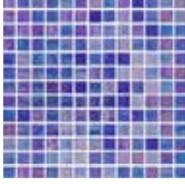
Mod. 1 - 54160



Mod. 2 - 57371



Mod. 3 - 62312



Mod. 4 - 67497



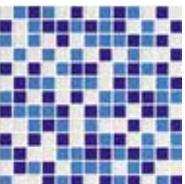
Mod. 5 - 67498

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Pearl model 1	54160	-	-	-
Pearl model 2	57371	-	-	-
Pearl model 3	62312	-	-	-
Pearl model 4	67497	-	-	-
Pearl model 5	67498	-	-	-

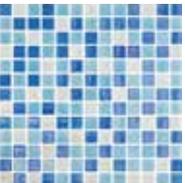


54160

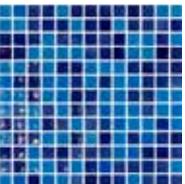
BLUE MIX



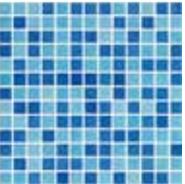
Mod. 1 - 54357



Mod. 2 - 61291



Mod. 3 - 54417



Mod. 4 - 54372

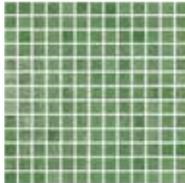
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Blue mix model 1	54357	-	-	-
Blue mix model 2	61291	-	-	-
Blue mix model 3	54417	-	-	-
Blue mix model 4	54372	-	-	-



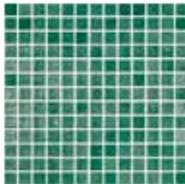
54372

GLASS TILING FOR POOLS

LAGOON EFFECT



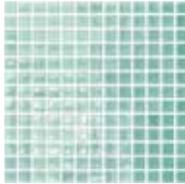
Mod. 1 - 54314



Mod. 2 - 54313



Mod. 3 - 54312



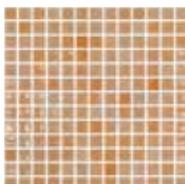
Mod. 4 - 63141

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lagoon effect model 1	54314	-	-	-
Lagoon effect model 2	54313	-	-	-
Lagoon effect model 3	54312	-	-	-
Lagoon effect model 4	63141	-	-	-

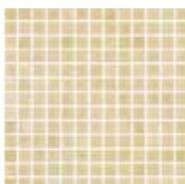


63141

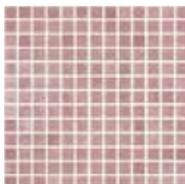
BEACH EFFECT



Mod. 1 - 54316



Mod. 2 - 54324

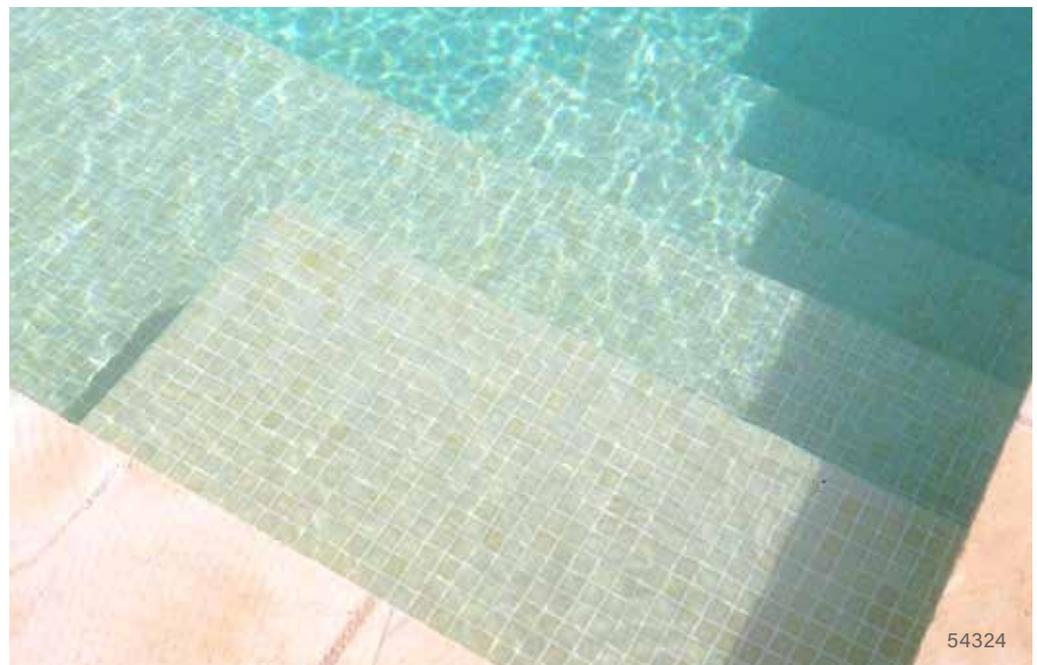


Mod. 3 - 54315



Mod. 4 - 64359 (Matt - C3)

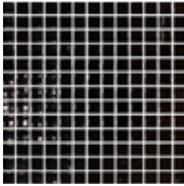
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Beach effect model 1	54316	-	-	-
Beach effect model 2	54324	-	-	-
Beach effect model 3	54315	-	-	-
Beach effect model 4	64359	-	-	-



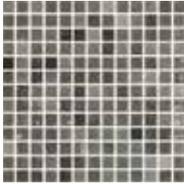
54324

GLASS TILING FOR POOLS

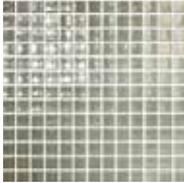
STONE EFFECT



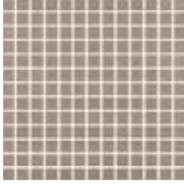
Mod. 1 - 54398



Mod. 2 - 54328



Mod. 3 - 54344



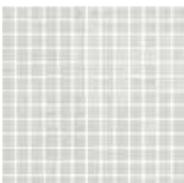
Mod. 4 - 54231  
(Matt - C3)

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Stone effect model 1	54398	-	-	-
Stone effect model 2	54328	-	-	-
Stone effect model 3	54344	-	-	-
Stone effect model 4	54231	-	-	-

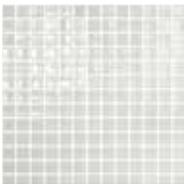


54328

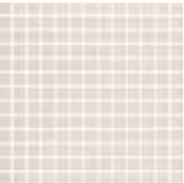
WHITE



Mod. 1 - 60020



Mod. 2 - 54369



Mod. 3 - 54256  
(Matt - C3)

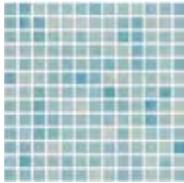
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
White model 1	60020	-	-	-
White model 2	54369	-	-	-
White model 3	54256	-	-	-



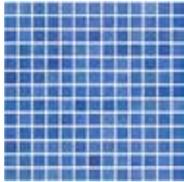
54369

GLASS TILING FOR POOLS

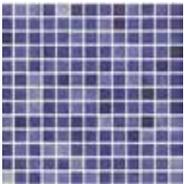
ANTI-SLIP



Mod. 1 - 54282  
(Matt - C3)



Mod. 2 - 54278  
(Matt - C3)



Mod. 3 - 54279  
(Matt - C3)

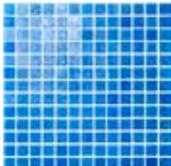


	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Anti-slip model 1	54282	-	-	-
Anti-slip model 2	54278	-	-	-
Anti-slip model 3	54279	-	-	-

BLUE



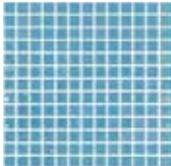
Mod. 1 - 54403



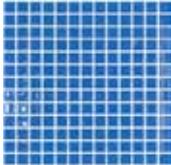
Mod. 2 - 54399



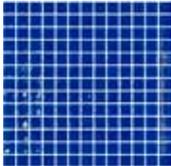
Mod. 3 - 54400



Mod. 4 - 54365



Mod. 5 - 54364



Mod. 6 - 54363



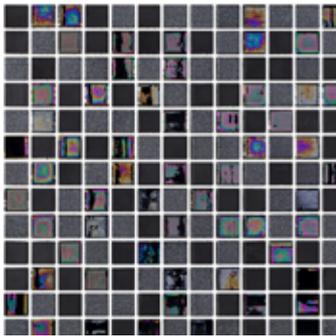
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Blue model 1	54403	-	-	-
Blue model 2	54399	-	-	-
Blue model 3	54400	-	-	-
Blue model 4	54365	-	-	-
Blue model 5	54364	-	-	-
Blue model 6	54363	-	-	-

GLASS TILING FOR POOLS

PREMIUM PEARL FINISH MIX



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>33.4 x 33.4 cm / 13.15" x 13.15"</b>				
Tokyo	TOKY25Y	-	-	-
Montreal	MONT25Y	-	-	-
Paris	PARI25Y	-	-	-
Milan	MILA25Y	-	-	-
Sydney	SYDN25Y	-	-	-
Boston	BOST25Y	-	-	-
Durban	DURB25Y	-	-	-

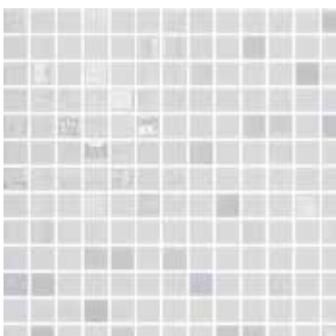


TOKYO

33% MA33 / 33% MT05 / 33% G312



TOKYO



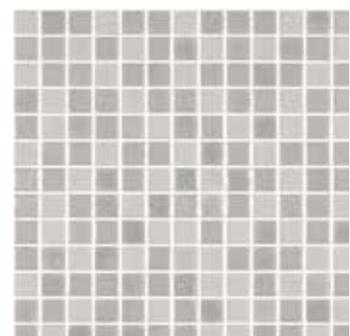
MONTREAL

80% BLANCO / 20% G305



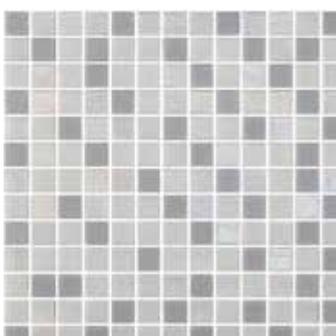
PARIS

33% G305 / 33% MT04 / 33% NIEBLA BLANCO



MILAN

33% MA35 / 33% MT07 / 33% G329



SYDNEY

33% NIEBLA BLANCO / 33% MT01 / 33% G328



BOSTON

33% MT01 / 33% G311 / 33% BLANCO

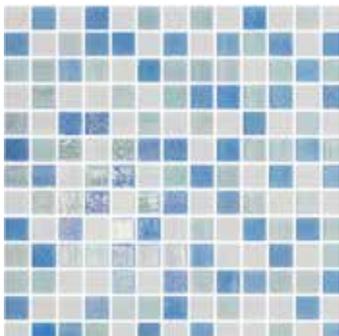


DURBAN

33% MA34 / 33% MT08 / 33% G330

# PREMIUM PEARL FINISH MIX

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>33.4 x 33.4 cm / 13.15" x 13.15"</b>				
Baltic	BALT25Y	-	-	-
Adriatic	ADRI25Y	-	-	-
Artic	ARTI25Y	-	-	-
Pacific	PACI25Y	-	-	-
Indico	INDI25Y	-	-	-
Bali	BALI25Y	-	-	-
Bahamas	BAHA25Y	-	-	-
Murano	MURA25Y	-	-	-
Martinique	MART25Y	-	-	-



33% G322 / 33% G320 / 33% BLANCO

BALTIC



33% G322 / 33% G305 / 33% NIEBLA FUERTE

ADRIATIC



BALTIC



33% G325 / 33% G322 / 33% NIEBLA BLANCO

ARTIC



33% G325 / 33% G322 / 33% NIEBLA PISCINA

PACIFIC



20% G325 / 80% NIEBLA FUERTE

INDICO



33% G320 / 33% MT04 / 33% G328

BALI



33% G320 / 33% G305 / 33% NIEBLA MENTA

BAHAMAS



80% 202 / 20% G326

MURANO



BAHAMAS



20% G320 / 80% NIEBLA MENTA

MARTINIQUE

GLASS TILING FOR SPAS AND WELLNESS FACILITIES



# Sixties

## SIXTIES

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>32 x 29 cm / 12.60" x 11.42"</b>				
White	WHIT60Y	-	-	-
Grey	GREY60Y	-	-	-
Turquoise	TURQ60Y	-	-	-
Blue	BLUE60Y	-	-	-



WHITE



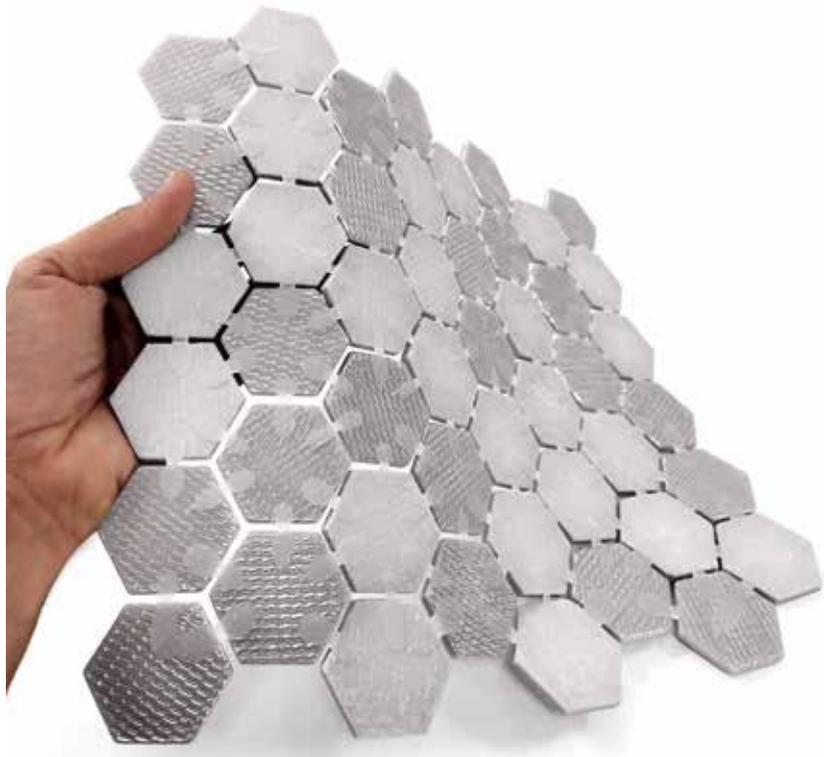
GREY



TURQUOISE



BLUE



GLASS TILING: PROJECTS

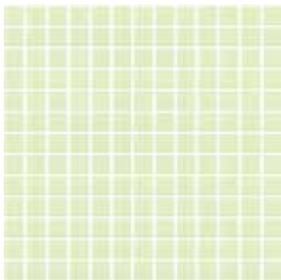
CUSTOMIZED PROJECTS



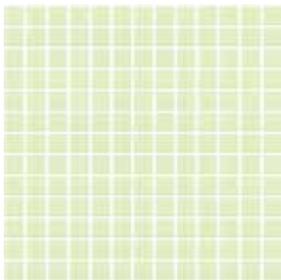
We create drawings and designs in the shapes and colours of your choice. The limits are in your imagination!



Customized projects



BLUE



GREEN

LUMINESCENT



Our luminescent mosaic is ideal for signage. It shines in the dark!

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>33.4 x 33.4 cm / 13.15" x 13.15"</b>				
Blue	LU0125Y2	-	-	-
Green	LU0225Y2	-	-	-



Luminescent

GLASS TILING: TECHNICAL SPECIFICATIONS

+ PLAIN / FOG / TOGAMA MIX / MATT - NON-SLIP / PEARL / LUMINESCENT/DRAWINGS\*

PACKING LIST						
Packaging list	Dimensions/Plate	m <sup>2</sup> / Box	Kg / Box	Box / Pallet	m <sup>2</sup> / Pallet	Kg / Pallet
2.5 x 2.5 cm	33.4 x 33.4 cm	2	18	72	144	1306
5 x 5 cm	30.7 x 30.7 cm	2	22	54	108	1198
Sixties	32.5 x 29.4 cm	1	11	54	54	604

TECHNICAL SPECIFICATIONS					
Standard	Description of standard	Plain	Fog	Non-slip matt	Pearl
UNE-EN 10545-3:1997	Water absorption	< 0.10%	< 0.10%		< 0.10%
UNE-EN 10545-12:1997	Scratch resistance	Resistant	Resistant	Resistant	Resistant
UNE-EN 10545-13:1997	Chemical resistance	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA
UNE-EN 10545-14:1998	Stain resistance	Class 5	Class 5		Class 5
UNE 67-101:1985+1M:92	Mohs scale resistance to surface scratching	4	4	7	5
UNE-ENV 12633:2003 ANNEX A	Resistance to slipping (Pendulum)			Class 3	
DIN 51130:2010 Section 5	Critical angle of displacement (ramp)			R11	
DIN 51097:1992	Critical slip angle in wet areas where people walk barefoot			Class C	
ISO/DIS 10545-17:1998 ANNEX A	Dynamic friction coefficient (Tortus)			Excellent	

RECYCLED PRODUCT - SUSTAINABLE PRODUCT

ENVIRONMENTAL PRODUCT SELF-DECLARATION PURSUANT TO UNE-EN ISO 14021	
1 m <sup>2</sup> of glass mosaic tiling (including mesh)	
Total solid content (kg/m <sup>2</sup> )	9.97
Content of solid virgin matter	1.25
Minimum content of after-consumption recycled material (kg/m <sup>2</sup> )	8.72
MINIMUM CONTENT OF RECYCLED MATERIAL (%) [X = A / A.P100]	87.4

FINISHES - POLYURETHANE KNIT



- Resistance
- Flexibility
- Durability
- Easy to place
- Does not get into joints
- Excellent grip

MADE IN SPAIN



\* The borders and patterns are on paper. (Once applied to the mosaic tiling the paper must be removed).

LINER AND GLASS TILES ACCESSORY



HYDRONET



Is a cementitious , single component mortar that protects and waterproofs all types of brick, concrete and mortar joints from water and humidity. Formulated with hydraulic cements and modified with polymers. Resistant to freeze-thaw cycles and to contact with chlorinated water. Membrane suitable for contact with drinking water.

Sealing product suitable for pools made with Mosaic or ceramic and liner.

TECHNICAL SPECIFICATIONS				
Code	Description	Contents (kg/pack)	Color	Density (g/cm <sup>3</sup> )
65059	Hidronet	25	Grey	1.3

UNDER WATER REPARATIONS SOLUTIONS



## SB-POOL SEALER

SB-POOL | ctx<sup>pro</sup>

Chemical product specially formulated to seal leaks or leaks from swimming pools, spas, hot tubs, wells, cisterns, pipes, etc.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
SB-Pool Sealer	74725	-	-	-



## SB-POOL SEALER FREE

SB-POOL | ctx<sup>pro</sup>

Chemical product INNOCOUS specially formulated to seal leaks or leaks from swimming pools, spas, hot tubs, wells , cisterns. Pipes , etc

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	76797	-	-	-



## SB-POOL SUPER40

SB-POOL | ctx<sup>pro</sup>

Two-component adhesive, structural, flexible and fast that bonds most materials. Bonds, repairs and seals under all conditions, even underwater. Really easy to use.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
SB-Pool Super40	 72876	12	0.101	0.0120



## SB-POOL 40 24 ML

SB-POOL | ctx<sup>pro</sup>

Two-component adhesive, structural, flexible and fast that bonds most materials. Bonds, repairs and seals under all conditions, even underwater. Really easy to use.

- New Syringe , easy to apply.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	76932	-	-	-



UNDER WATER REPARATIONS SOLUTIONS



## SB-POOL SUPERPLAST LIGHT



Adhesive putty of high mechanical properties, filled inside of an innovative flexible mono-use packaging system for several components. Bonds, repairs and seals under all conditions, even underwater. Really easy to use.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
SB-Pool Superplast Light	72877	10	0.027	0.0002

## SB SURFACE MASTIC



2-Component spreadable epoxy putty , speically designed for permanent repairs and restorations of allmost all materials

- Weight : 400d (200+200)
- Asprect : Grey
- Hearding Time : 2 h

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	76893	-	-	-

## SB-POOL SEALANT TAPE



PVC tape , works in and out of the water , specially designedto repair all types of water leaks

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
SB Pool Sealant Tape	75214	-	-	-

## SB-POOL EPOXY STIC



Repair bar

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	75215	-	-	-



## POOLS

# DEHUMIDIFICATION

<b>332</b>	<b>DEHUMIDIFIERS</b>
332	Hygro Control
334	CAE
338	Omega
342	Ventilation accessories
343	BDP Confort Dehumidifying Unit
344	AirPool
346	AirPool+
348	Optional U.V. disinfection system

## HYGRO CONTROL



## Simple dehumidification

Hygro Control is a hygro-thermostat designed exclusively by Zodiac® for easy and intuitive control of the dehumidification equipment.



## REFERENCE POINT

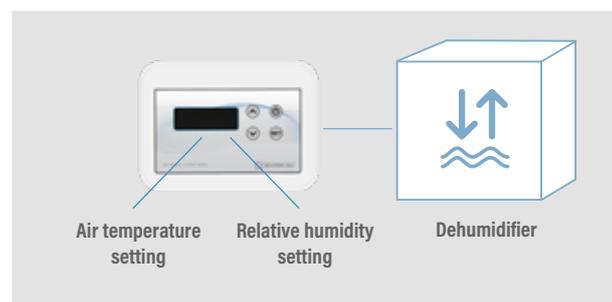
Find Zodiac® dehumidification products equipped with the Hygro Control function by locating this pictogram in the catalogue.

## &gt; HOW DOES IT WORK?

Hygro Control is an accurate and easy to use digital control unit for **setting the desired relative humidity**. Relative humidity characterises the moisture in the air, specifically the quantity of water present as gas in the air in the room or conservatory housing the pool.

If the dehumidifier is fitted with the 'heating' option, Hygro Control can also set the room air temperature.

The unit is supplied with CAE, DF and OMEGA dehumidifiers. Mounted on the wall, it is connected to the dehumidifier.



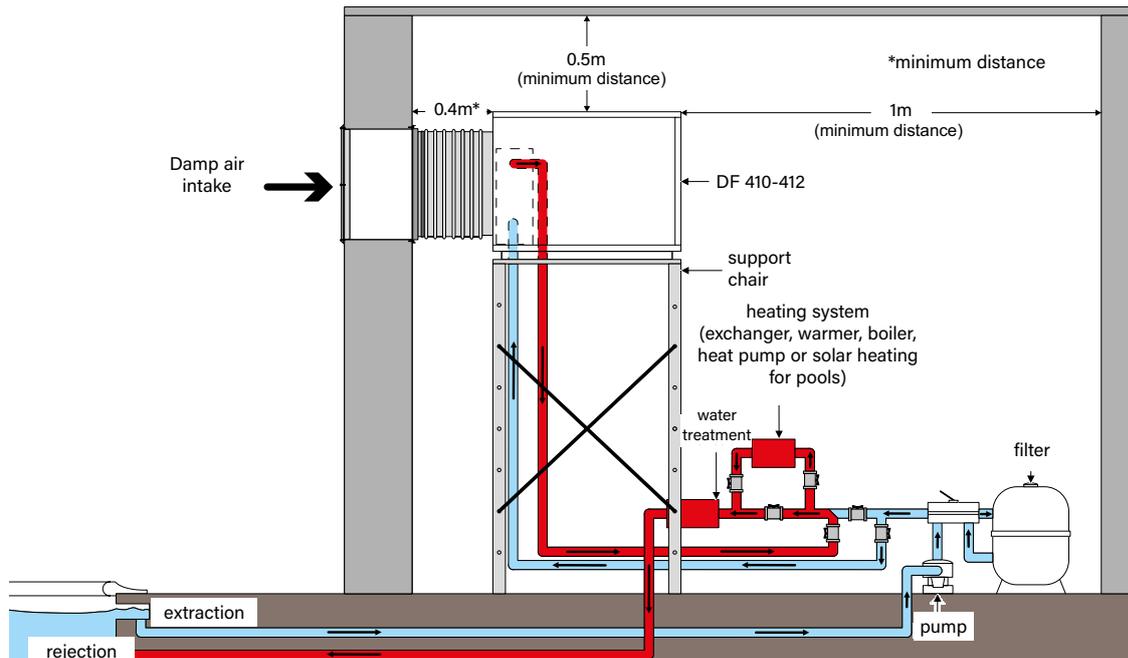
## DEHUMIDIFIERS

## HYGRO CONTROL



## STANDARD INSTALLATION

- Hygro Control should be installed at least 50cm from the outlet
- Do not put it above the system (SIROCCO) or above an outlet grille (CAE, DF, OMEGA)
- It should be at least 1.5m from the floor



Example of an installation with a CAE

Equipping a pool with a good roof and a suitable ventilation system for the room increases the efficiency of the dehumidification system.



DEHUMIDIFIERS



CAE



- + Vertical, ducted installation with modular air intake/outlet configurations
- + Available in 4 capacities (8 to 13.5 l/h)
- + Air heating options (electrical heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

PRODUCT REFERENCE

CAE ducted****	508M	508T	510T	513T	513T	
Standard model	W28CAE8M	W28CAE8	W28CAE10	W28CAE13	W28CAE13	
Model with water condenser option	W28CAE8MC	W28CAE8C	W28CAE10C	W28CAE13C	W28CAE13C	
Model with electric heating option	W28CAE8ME	W28CAE8E	W28CAE10E9	W28CAE10E18	W28CAE13E9	W28CAE13E18
	4.5 kW	9 kW	9 kW	18 kW	9 kW	18 kW
Model with electric heating option and water condenser	W28CAE8MEC	W28CAE8EC	W28CAE10E9C	W28CA10E18C	W28CAE13E9C	W28CA13E18C
	4.5 kW	9 kW	9kW	18kW	9 kW	18 kW
Model with hot water coil option	W28CAE8MB	W28CAE8B	W28CAE10B		W28CAE13B	
	23 kW	23 kW	35 kW		41 kW	
Model with hot water coil option and water condenser	W28CAE8MBC	W28CAE8BC	W28CAE10BC		W28CAE13BC	
	23 kW	23 kW	35 kW		41 kW	

TECHNICAL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Capacity (l/h)*	8		10	13.5
Absorbed power*** (W)	2710		4040	5430
Nominal airflow (m³/h)	2040		2720	3400
Air flow (m³/h)	2400		3050	3800
Min. air flow (m³/h)	1780		2380	2970
Available pressure (mmCE)	15		19	23
Electric power supply	220-240V / 1 N~ / 50Hz		380-400V / 3N~ / 50Hz	
Nominal absorbed intensity (A)***	17.5	5.3	8.5	11
Max. absorbed intensity (A)***	371	8	14.5	17
Refrigerant fluid quantity (kg)	1.3/1.45 (1)		2.2/2.5 (1)	
Acoustic Power ((dB(A))**	-	77.6	-	77.6

For all CAE orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* excluding the power consumption of electric heating option.

\*\*\*\* An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007). CAE 510 single phase on request.

(1) for units with water condenser option.

DEHUMIDIFIERS

CAE

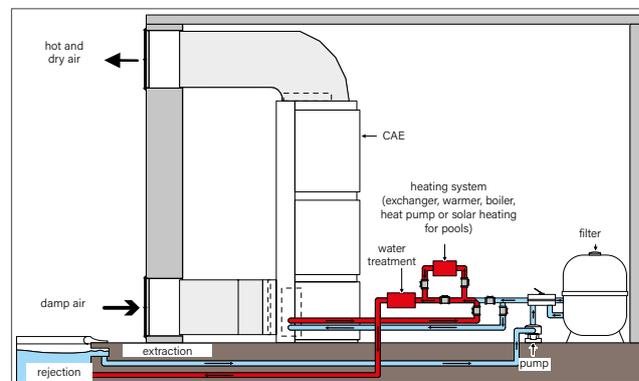


HOT WATER COIL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Power (kW) with primary at 50-40 °C / 90-70 °C	5.9 / 23		9.8 / 35	11.6 / 41
Water flow (m <sup>3</sup> /h) with primary at 90/70°C	1		1.6	1.9
Load loss (mmCE) with primary 90/70°C	1250		1900	2500
Connection (mm)	20 / 27 male thread			

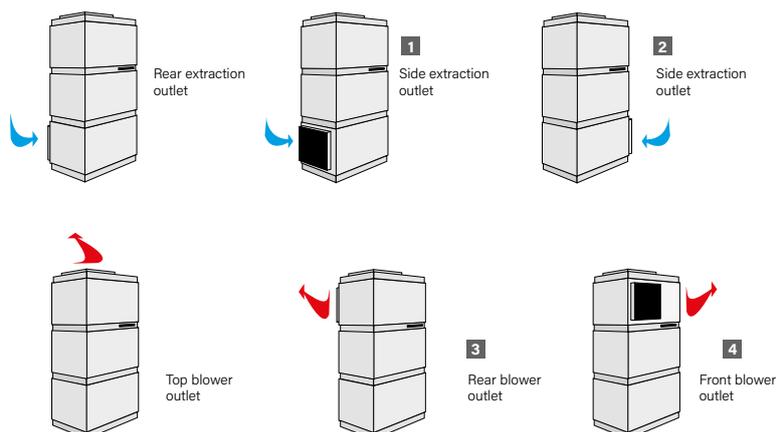
EXTRACTION AND BLOWER OPTIONS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



EXTRACTION AND SUPPLY

CAE ducted****	508M	508T	510T	513T
Extractor on the left (frame + filter) <b>1</b>			W28REGA	
Extractor on the right (frame + filter) <b>2</b>			W28REDR	
Rear blower (frame) <b>3</b>			W28SOAR	
Front blower (frame) <b>4</b>			W28SOAV	



DEHUMIDIFIERS

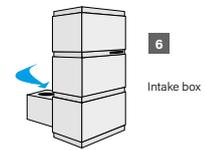
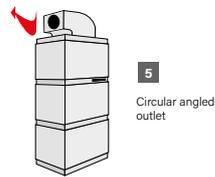
CAE



EXTRACTION AND SUPPLY BOX

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular angled outlet	WCH01251		WCH01252	
System central intake box	WCH01253		WCH01254	
Intake box for 625 x 425 grate	WCH03719		Contact us	

Other accessories or casing: contact us

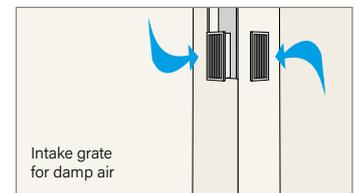
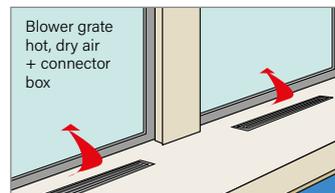


SOUND TRAP

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Sound trap	WCH03682		WCH03683	

CAE TECHNICAL ROOM + DUCTS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



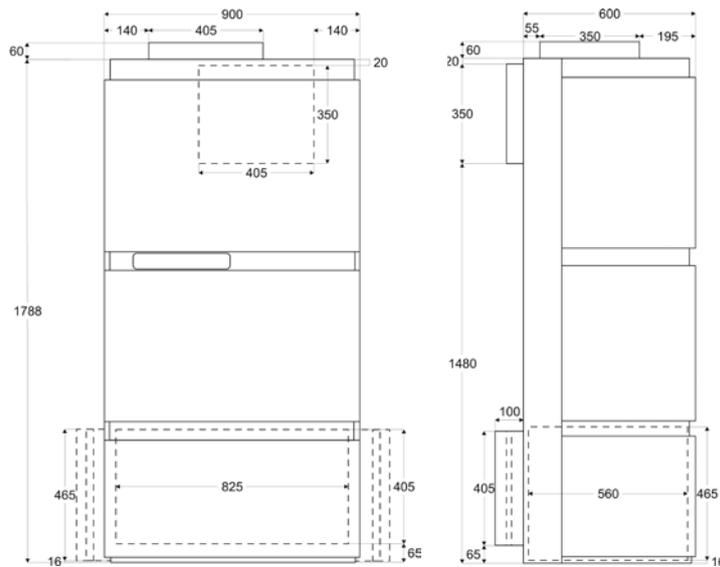
DEHUMIDIFIERS

CAE



DIMENSIONS (MM) AND WEIGHT

CAE ducted****	508M	508T	510T	513T
Weight (kg, excluding accessories and options)	228		235	240

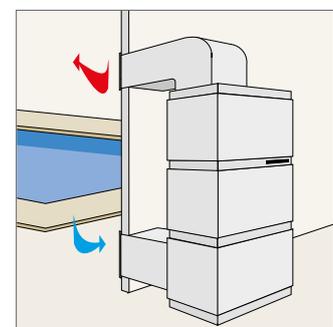


AIR EXTRACTION AND SUPPLY ACCESSORIES

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular rear extraction accessories <sup>(1)</sup>	WCH01245		WCH01246	
Circular side extraction accessories <sup>(1)</sup>	WCH01247		WCH01248	
Circular top extraction accessories <sup>(2)</sup>	WCH01249		WCH01250	
Circular front/rear blower accessories <sup>(1)</sup>	WCH01249		WCH01250	

OPTIONAL ACCESSORIES

625 x 425 grate (plan for 2 grates)	Double 625 x 425 deflector (blower)	Sound trap	Blower angle	Remote regulator box for the dehumidifier	Remote regulator box for 2 dehumidifiers
WTT02355	WTT02366	WCH01234	WCH01255	R0771000	R0771100



DEHUMIDIFIERS



OMEGA



- + Vertical, ducted installation with modular air intake/outlet configurations
- + Available in 5 capacities (10 to 20 l/h)
- + Air heating options (electrical heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool



**2** YEAR  
WARRANTY



ACCESSORIES INCLUDED IN THE PACK



Hygro control box

PRODUCT REFERENCES

OMEGA ducted	10T	14T	16T	20T
Standard model	W28OM10	W28OM14	W28OM16	W28OM20
Model with water condenser option	W28OM10C	W28OM14C	W28OM16C	W28OM20C
Model with electric heating option	W28OM10E	W28OM14E	W28OM16E	W28OM20E
Model with electric heating option and condenser	W28OM10EC	W28OM14EC	W28OM16EC	W28OM20EC
Model with hot water coil option	W28OM10B	W28OM14B	W28OM16B	W28OM20B
Model with hot water coil option and condenser	W28OM10BC	W28OM14BC	W28OM16BC	W28OM20BC

TECHNICAL FEATURES

OMEGA ducted	10T	14T	16T	20T
Capacity (l/h)*	10	14	16	20
Absorbed power*** (W)	3 840	4 390	5 830	6 430
Air flow (m <sup>3</sup> /h)	3 000	4 000	5 000	6 000
Available pressure (mmCE)	20			
Electric power supply	380-400V / 3N~ / 50Hz			
Nominal absorbed intensity (A)***	7.6	9	12	16.4
Max. absorbed intensity (A)***	13	16	18.5	20.1
Refrigerant fluid	R407C			
Refrigerant fluid quantity (kg)	3.5/3.8 (1)		3.5/3.9 (1)	
Acoustic Power ((dB(A))**	-	83.6	-	82

For all OMEGA orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* excluding the power consumption of electric heating option.

\*\*\*\* An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007).

(1) for units with water condenser option.

DEHUMIDIFIERS

OMEGA



ELECTRIC RESISTANCE SPECIFICATIONS

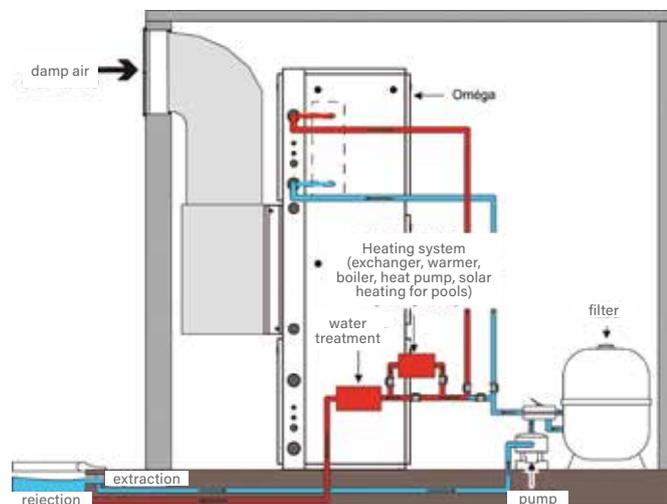
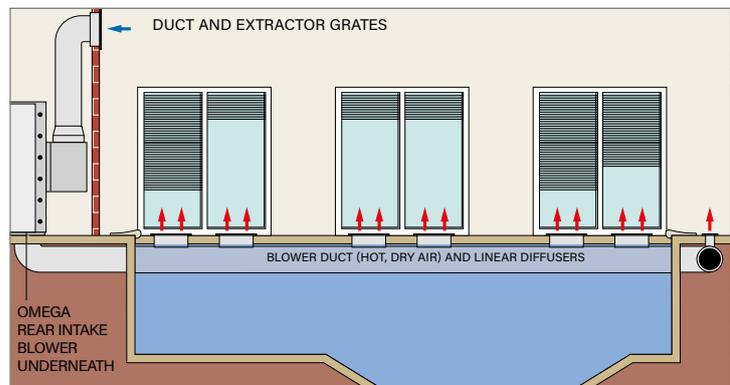
OMEGA ducted	10T	14T	16T	20T
Electric resistance power (kW)	24	34	42	53
Electric resistance Max. absorbed intensity (A)	9.5	11.6	13.6	15.2

HOT WATER COIL SPECIFICATIONS

OMEGA ducted	10T	14T	16T	20T
Power (kW) with primary at 50-40 °C / 90-70 °C	9.5 / 24	11.6 / 34	13.6 / 42	15.2 / 53
Water flow (m³/h) with primary at 90/70°C	1.66	2.03	2.35	2.64
Load loss (mmCE) with primary 90/70°C	930	1340	1760	2170
Connection (mm)	20 / 27 male thread			

INSTALLATION

- Installation in a technical room nearby the pool hall.
- Damp air extractor frame on the rear face for connection to wall or ceiling extractor duct.
- Hot, dry air blower either under or over the system for direct assembly on buried ducts or ceiling service area ducts.
- Simplified aeraulic assembly with very little load loss making it possible to keep the available ventilator pressure for the duct network.
- Hot water coil or extra electric heating fitted inside the system (see options).
- A remote regulator box, temperature sensor and humidity sensor in a duct and box enable you to adjust the operation of one unit or two dehumidifier units.



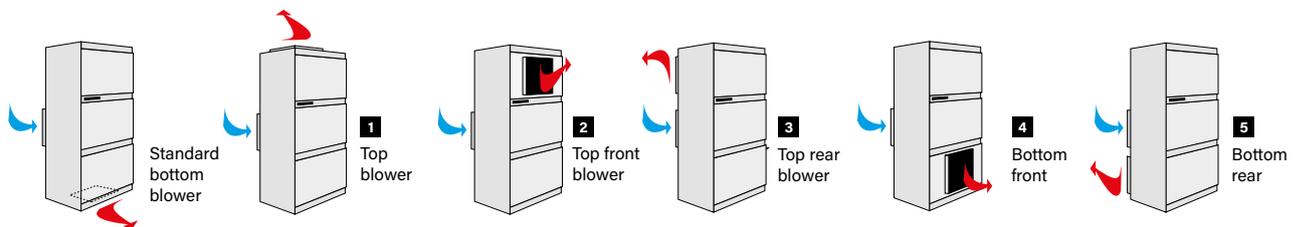
DEHUMIDIFIERS

OMEGA



BLOWER OPTIONS		10T	14T	16T	20T
Blower on the top	1		W28SODE		W28SODE20
Blower on the top to the front	2		W28SOHAV		W28SOHAV20
Blower on the top to the rear	3		W28SOHAR		W28SOHAR20
Blower on the bottom to the front	4		W28SOBAV		
Blower on the bottom to the rear	5		W28SOBAR		

The standard blower on the OMEGA systems is installed under the system (blower inverted compared to the CEA). Optionally, blower can be installed on the top or bottom and either to the front of the rear.



OMEGA INTAKE		10T	14T	16T	20T
Extractor grate 1000 x 600 (4000 à 6000 m³/h) with counter frame	Grate		WFA01477		
	Counter frame		WFA01479		
Sound trap 600 mm (for direct intake from 100 X 600 grate)	1		WCH01236		
Extraction box for Omega systems	2 Caisson	WCH02822			WCH03048
	Diameter	Ø500			Ø630
Intake box for 1000 x 600 grate	Caisson	WCH02822			WCH03048
	Diameter	Ø500			Ø630



DEHUMIDIFIERS

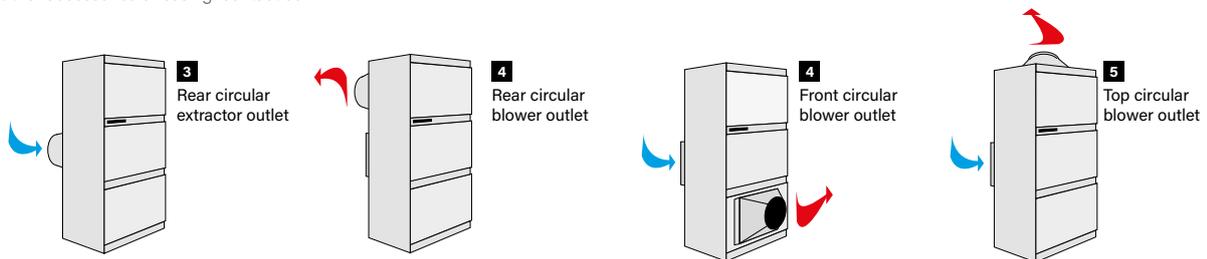
OMEGA



EXTRACTION AND SUPPLY ACCESSORIES

OMEGA ducted	10T	14T	16T	20T
Diameter	Ø500		Ø630	
Rear circular extractor accessories <b>3</b>	WCH03701		WCH03702	
Front/rear circular blower accessories <b>4</b>	WCH03595		WCH03331	
Upper circular blower accessories <b>5</b>	WCH03705		WCH03706	

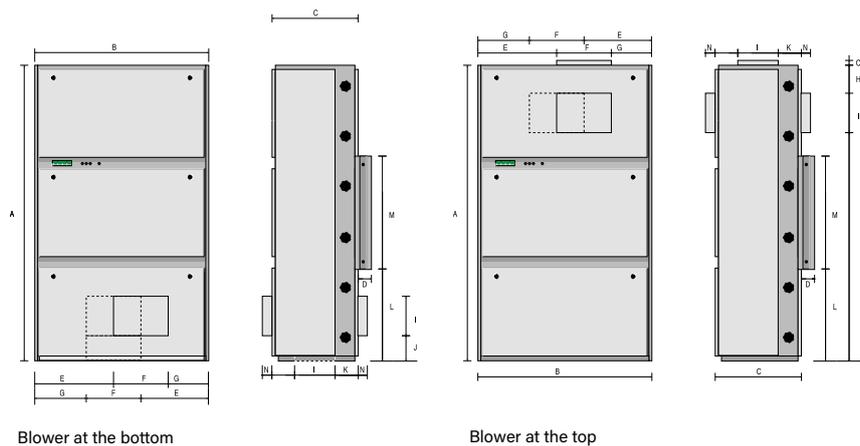
Other accessories or casing: contact us.



WEIGHT AND DIMENSIONS

OMEGA ducted	10T	14T	16T	20T
Weight (kg)	342	344	346	397

Oméga 10 to 20	
A	1940
B	1150
C	625
D	70
E	445
F	410
G	295
H	240
I	345
J	75
K	225
L	655
M	630
N	60
O	20
Extractor Width	1060



ACCESSOIRES EN OPTION

Filters for OMEGA 10, 14, 16 and 20 tri WSD01916	Remote regulator box for the dehumidifier R0771000
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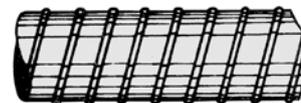
# VENTILATION ACCESSORIES

## Ø 400 DUCTS AND ACCESSORIES

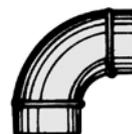
Galvanised metal elements thickness 6/10. Diameter Ø 400 for 410, 412 CAE 508. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Punching 45° Ø 160/400	WCH01260
Galvanised duct Ø 400 (ml) shipped in 2m lengths	WCH01180
Galvanised elbow 90° Ø 400	WCH01203
Galvanised elbow 45° Ø 400	WCH01208
Male sleeve Ø 400	WCH01192
Female sleeve Ø 400	WCH03051
Cap Ø 400	WCH01197
T 90° equal Ø 400	WCH01212
Reducer Ø 400/315	WCH01215

Circular duct



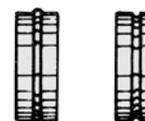
Elbow 90°



Elbow 45°



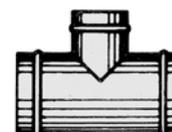
Sleeve



Cap



T 90° equal



Reducer



## Ø 500 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter Ø 500 for CAE 510-513 and OMEGA. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Galvanised duct Ø 500 (ml) shipped in 2m lengths	WCH01181
Galvanised elbow 90° Ø 500	WCH01204
Galvanised elbow 45° Ø 500	WCH01209
Male sleeve Ø 500	WCH01193
Female sleeve Ø 500	WCH03052
Cap Ø 500	WCH01198
T 90° equal Ø 500	WCH01213
Reducer Ø 500/400	WCH01216
Reducer Ø 500/315	WCH01217

## Ø 630 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter 630, for Omega 16-20. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Galvanised duct Ø 630 (ml) shipped in 2m lengths	WCH01182
Galvanised elbow 90° Ø 630	WCH03329
Galvanised elbow 45° Ø 630	WCH03424
Male sleeve Ø 630	WCH03325
Female sleeve Ø 630	WCH03720
Cap Ø 630	WCH03330
T 90° equal Ø 630	WCH03326
Reducer Ø 630/500	WCH03327
Reducer Ø 630/400	WCH03328

## DEHUMIDIFIERS



CONSULT WITH OUR  
TECHNICAL TEAM FOR  
SIZING

OPTIONAL U.V.  
DISINFECTION SYSTEM  
More info in page 348



## BDP CONFORT Dehumidifying Unit



The BDP Confort dehumidifying unit is used for the dehumidification of indoor pools, using the latent heat of evaporation and the performance of the system itself to heat the pool water and the room air.

The energy savings achieved with these systems compared to traditional heating systems mean that they are virtually essential when you wish to heat an indoor pool. The wide range of models covers all market requirements.

- Made of non-corrosive magnesium coated aluminium.
- Thermal-acoustic inside insulation.
- Direct transmission single centrifugal ventilator. Radial Ventilator Optional.
- Air filter can be changed for a G4 type filter.
- Condensation collection gutter with drainpipe.
- A copper nitrogen, dehydrated and deoxidized refrigerated circuit. Air condensation.
- R407C refrigerant gas.
- Evaporation, condensation and hot water batteries made of copper pipes with lacquered aluminium fins (specially designed for corrosive environments).
- Airtight compressor mounted on anti-vibration mounts.
- Pressure balancing expansion valve.
- High and low pressure switch.
- General security switch.
- Power source, compressor and ventilator motor protection mechanisms.
- Full adjustment of all the items included.
- Three-way valves and their regulation when a hot water coil is incorporated.

## OPTIONAL

- 1 or 2 stage electric heating option to support air heating.
- Hot water coil to support air heating, with three-way valve, temperature probe and regulation (ask about primary temperatures different to standard equipment).
- Can be supplied with power frequency at 60 Hz on request.

## GENERATION OPERATING CONDITIONS

The thermo-hygrometric conditions for these facilities that are considered optimal for materials and people include:

- Air 28°C - 30°C
- 65% HR
- Water 2°C below air temperature.

## TECHNICAL FEATURES

Model		BDP-4	BDP-5	BDP-6	BDP-8	BDP-10	BDP-12	BDP-16	
Dehumidification CAP. (1)	l/h	4.2	5.2	5.9	8.3	11	12.5	17.35	
Air condensation power	kW	7.1	8.5	11.6	12.4	13.8	19.1	26.7	
<b>COOLING CIRCUIT</b>									
Type of compressor		ROTARY							
Gas Load	Kg.	3	3.5	4	5	9	9	10	
Voltage	V/Ph/Hz	230 / 1 / 50			400 / 3 / 50				
Max. Consumption	kW	1.8	2.4	3.71	3.66	4.33	5.49	6.81	
<b>FANS</b>									
Type		CENTRIFUGAL							
Air flow rate	m <sup>3</sup> /h	1000	1200	1800	2800	3800	4300	5500	
Total available pressure (2)	mca	15	15	20	20	20	20	20	
Max. consumption kW	RETURN	0.2	0.2	0.25	0.55	1.1	1.1	3.00	
<b>OTHER DATA</b>									
Ø Drain	mm	22							
Noise level AT 1 M	dB	68			69		70		
Weight	kg	100	110	160	182	270	360	448	
Air filters		G4							
<b>OPTIONAL</b>									
Electric heating power	W	5.0	-	-	-	-	-	-	
Hot water coil power	Power	11.6	22.2		35.8		54.9		
	Primary T.	90							
		70							
	Flow rate	l/h	500	500	990	990	1590	1590	2420
	Connection	Inches	¾"	¾"	¾"	¾"	¾"	¾"	¾"

(1) For 28 °C air T. 65% RH, 24 °C water T

(2) Return plus suction

DEHUMIDIFIERS



AIRPOOL



OPTIONAL U.V. DISINFECTION SYSTEM  
More info in page 348

CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

The AIRPOOL dehumidifier is used for the dehumidification of indoor swimming pools, taking advantage of the latent heat of vaporization and the equipment's own performance by heating the pool water and ambient air, recovering the necessary energy, and controlling the air temperature and relative humidity.

Dehumidification systems are installed in technical rooms and require ventilation ducts for a correct air distribution. In many cases, the space available is limited and it is difficult to find an equipment that fits, and each installation has its own particular features and needs, which is why Airpool dehumidifiers are calculated and designed as a tailor-made solution. Astralpool's technical team is responsible for adapting the equipment in terms of power, performance and the location of air inlets and outlets to meet the specific needs of each installation.

The aim is always to achieve the highest user comfort, better equipment performance, energy savings and compliance with the specific regulations required.

The smaller powers of the Airpool dehumidifiers are available in vertical orientation to reduce their footprint and ease their integration in technical rooms.

Dehumidification can be achieved in two ways: by freecooling or by freecooling plus refrigerant circuit.

Freecooling:



The opening of the freecooling dampers will be controlled by regulation to obtain the optimum solution; it may be the case that the dampers are kept in the minimum opening position.

Part of the air extracted from the enclosure is expelled to the outside and the same flow of new air is added, which joins the other part of the extracted air in the mixing chamber. This extracted air is regulated by the freecooling dampers.

If the air conditions in the mixing chamber already have a specific humidity with a difference compared to that extracted that guarantees the required dehumidification, it will not be necessary to start the compressor of the refrigeration circuit, which means a saving.

Freecooling and refrigerant circuit:

When the air in the mixing chamber does not have low specific humidity enough to achieve the required dehumidification, the refrigeration circuit will be started.

The nominal flow rate at the outlet of the mixing chamber is passed to the refrigeration circuit where the rest of the required dehumidification is produced as it passes through the evaporator coil.

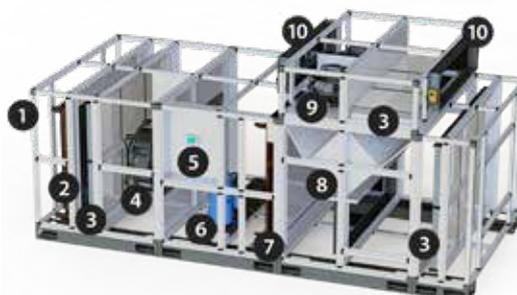
Benefits of choosing the optional heat recovery unit:



**Air renewal:** Thanks to the fan system, the humid indoor air is treated and sent outdoors, thus facilitating the renewal and cleaning of the air through filters.

**Air conditioning:** The recuperator provides heat from the indoor air to the cold air coming from outside, thus heating the air and contributing to the climatization of the room.

**Energy saving:** When heat exchange takes place between the two flows, the air is heated without consuming more energy, using heat that would otherwise be wasted.



- 1 Structure
- 2 Hot water battery
- 3 Filters
- 4 Blowing fans
- 5 Electric board
- 6 Refrigerant gas circuit
- 7 Evaporateur + Condenser
- 8 Heat recovery
- 9 Extrausted air fans
- 10 Dampers

## DEHUMIDIFIERS

## AIRPOOL



## STRUCTURE

- The structure is made from aluminium profiles with reinforced nylon on the corners.
- The housing is a 25 mm sandwich panel with IDROTEC polyurethane and auto-close handles, classifying the equipment as tightness L1(M) and thermal transmission T2.
- Condensation collection gutter with drainpipe.

## COOLING CIRCUIT

- Evaporation and condensation battery made out of copper pipes with lacquered aluminium fins.
- Scroll compressor.
- R-410A refrigerant gas.

## AIR CIRCUIT

- G4 filter.
- Free-cooling system made up of three motorized weir flaps, mixing chamber and return fan.

## REGULATORS

- Through a programmable electronic regulator.
- Return air and outside air humidity and temperature probes, and a pool water temperature probe.
- Dirty filter pressure switches.
- Control of the pool water circulation pump through a voltage-free contact.
- Free-cooling weir flap servomotors.

## OPTIONAL

- Harnesses the energy in the air discharged from the high-performance crossflow recuperator (according to Spain's RITE Regulation for Thermal Installations in Buildings).
- High-performance backup hot water coil manufactured in copper piping and lacquered aluminium fins specially designed for corrosive atmospheres. Includes a 3-way proportional valve. Controls flow temperature as an optional extra.
- Titanium condensers with PVC shell and Titanium coil.
- M6 filter in pool air suction unit and exterior air inlet and F8 filter in flow unit.
- Siemens regulation with touchscreen, enthalpy control and Eco operating mode, reducing fan flow in line with setpoints.
- Electronic radial plug fan with flow rate control.
- Water-water exchanger, assembled with the water condenser as a series feature.
- Increased air and pressure flow available in fans.
- External condenser.
- Weatherproofed.
- Optional CO<sub>2</sub> probes for controlling the quality of the air and adjusting it.
- Remote management.
- AND/OR preventive maintenance.
- AND/OR warranty extension.
- Start-up.
- Can be supplied with power frequency at 60 Hz on request.

## TECHNICAL FEATURES

Model		AIRPOOL-9	AIRPOOL-14	AIRPOOL-18	AIRPOOL-25	AIRPOOL-35	AIRPOOL-45	AIRPOOL-55	AIRPOOL-70	AIRPOOL-85	AIRPOOL-110	AIRPOOL-140	AIRPOOL-180
Voltage	V/Ph/Hz	230/1/50		400 / 3 / 50									
Dehumidification <sup>(1)</sup>	kg/h	8.4	14.1	18.6	27.0	34.5	47.1	54.3	71.2	86.5	108.0	136.9	177.8
Dehumidification <sup>(2)</sup>	kg/h	11.6	18.0	23.0	34.4	42.7	59.0	69.1	88.9	108.0	135.0	177.0	231.0
Dehumidification <sup>(3)</sup>	kg/h	6.1	10.3	12.7	16.6	22.9	30.9	34.5	46.0	57.0	72.2	90.9	116.5
Air flow rate	m <sup>3</sup> /h	1800	2500	3800	5500	7000	10000	12000	15000	18000	22000	30000	40000
Crossflow recuperator	m <sup>3</sup> /h	540	750	1140	1800	2100	3000	3600	4500	5500	7000	10000	13500
Air battery power (80-60°C)	kW	14.3	22.1	29.3	40.7	54.2	78.3	88.1	111.5	134.1	167.1	237.5	293.8

(1) Local 28°C 65% hr with 30% outside air 20°C 70% hr. With recuperator.

(2) VDI 2089 Local 30°C 54% hr with 30% outside air 5°C 80% hr. With recuperator.

(3) Local 28°C 65% hr in recirculation.



Mode 1 Recirculation



Mode 2 Alpha cycle



Mode 3 Outdoor air



Mode 4 Alpha cycle + outdoor air



Mode 5 Cooling

OPTIONAL U.V. DISINFECTION SYSTEM  
More info in page 348

## AIRPOOL+

The new high performance Airpool+ dehumidifier is used for the dehumidification of indoor pools. Thanks to its design, in which the cooling circuit's components are arranged differently than in a conventional dehumidifier, the dehumidified air is reused by a recuperator, which significantly increases performance.

The free cooling system serves a dual purpose:

The first is its capacity for renewing air so that users breathe in the best quality of air possible and the second is to take advantage of outdoor conditions for dehumidifying, thus reducing the unit's consumption. This free cooling system regulates itself according to relative outdoor and indoor humidity, and the default value.

Users can set the times the unit works. In night-time mode, conditions are less restrictive than in daytime mode as there is nobody in the pool, so settings are read to dehumidify it but not to regulate air quality.

The Airpool+ dehumidifier has five operating modes:

### Mode 1 Recirculation

This operating mode is for night-time only. The return flow rate fulfils all night-time default conditions required, so the cooling cycle does not have to be switched on and all of the water is recirculated. Users can set the fan speed to keep power consumption and noise down to a minimum.

### Mode 2 Alpha cycle

The return conditions measured show that the pool should be dehumidified, so the cooling cycle starts up without any outdoor air being fed into it.

This operating mode can only be run at night-time.

### Mode 3 Outdoor air

In this operating mode, the unit is able to reach the desired return conditions thanks to the regulation of weir flaps. As the flow rate of outdoor air very often results in energy savings, outdoor conditions help bring down the humidity in the pool area and just a small inflow of heat can be enough to reach the desired temperature if the set return temperature has not been reached.

### Mode 4 Alpha cycle + outdoor air

This operating mode should be used when the inflow of outdoor air is unable to reach the desired conditions. This does not mean that the weir flaps on the free cooling system close to keep the flow rate to a minimum as the regulation system used ensures that the flaps open to the optimum position to make the most of the outdoor air.

### Mode 5 Cooling

#### Without exterior condenser or water condenser

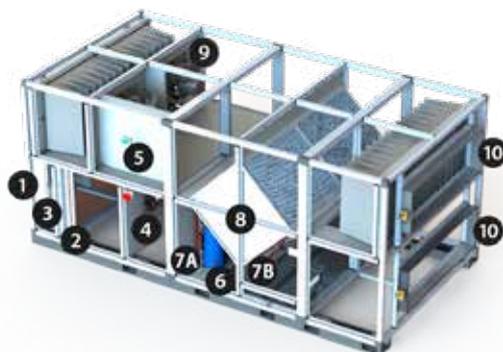
The unit's free cooling system will endeavor to reach the conditions selected by the user as well as keeping to IAQ standards. The by-pass valve on the recuperator is used to make the most of outdoor conditions.

#### With exterior condenser

This optional feature is recommended for facilities in areas with high humidity and high temperatures. As this feature is built into the unit, no additional installation is required. It expels excess heat outdoors and feeds cool, dry air into the pool.

#### With water condenser

When temperatures in a pool facility rise above the default temperature, warm air will no longer be fed into it. However, it may still be necessary to dehumidify the air but as the outdoor air cannot be used to do so the cooling cycle will start to run and instead of condensing the air, both the air and water will be condensed.



- 1 Structure
- 2 Hot water battery
- 3 Filters
- 4 Blowing fans
- 5 Electric board
- 6 Refrigerant gas circuit
- 7A Condenser
- 7B Evaporateur
- 8 Heat recovery
- 9 Extrasted air fans
- 10 Dampers

CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

## DEHUMIDIFIERS

## AIRPOOL+



## STRUCTURE

- The structure is made from aluminium profiles with reinforced nylon on the corners.
- The housing is a 45 mm sandwich panel with IDROTEC polyurethane and auto-close handles, classifying the equipment as tightness L1(M) and thermal transmission T2.
- Condensation collection gutter with drainpipe.
- Equipment interior with painted sheet metal for greater durability against chlorine degradation.

## COOLING CIRCUIT

- High-performance evaporation and condensation batteries manufactured in copper piping and lacquered aluminium fins.
- Scroll compressor.
- R-410A refrigerant gas.

## AIR CIRCUIT

- M6 filter in pool air suction unit and exterior air inlet and F8 filter in flow unit.
- Radial plug fans with flow rate control.
- Free-cooling system made up of three motorized weir flaps, mixing chamber and return fan.
- Harnesses the energy in the air discharged from the crossflow recuperator from 100% of flow.
- Back-up water heating battery. With three-way proportional valve and flow-rate temperature control.

## REGULATORS

- Siemens regulation with touchscreen, absolute humidity control and Eco operating mode, reducing fan flow in line with setpoints.
- Return air and outside air humidity and temperature probes, and a pool water temperature probe.
- Dirty filter pressure switches.
- Control of the pool water circulation pump through a voltage-free contact.
- Servomotors for free-cooling weirs.

## OPTIONAL

- Increase in air flow rate (involves rise in heating battery power).
- Titanium condensers with PVC shell and Titanium coil.
- Water-water exchanger, assembled with the water condenser as a series feature.
- Equipment can be operated in reverse to expel surplus heat from the facility.
- Weatherproofed.
- Optional CO<sub>2</sub> probes for controlling the quality of the air and adjusting it.
- ModBus.
- Remote management.
- AND/OR preventive maintenance.
- AND/OR warranty extension.
- Start-up.
- Can be supplied with power frequency at 60 Hz on request.

## TECHNICAL FEATURES

Model		AIRPOOL+ 12	AIRPOOL+ 22	AIRPOOL+ 30	AIRPOOL+ 44	AIRPOOL+ 54	AIRPOOL+ 70	AIRPOOL+ 84	AIRPOOL+ 108	AIRPOOL+ 132	AIRPOOL+ 175
Voltage	V/Ph/Hz	220/1/50									
Dehumidification <sup>(1)</sup>	kg/h	13.4	22.3	21.7	44.3	53.6	70.9	84.2	110.7	133.4	177.6
Dehumidification <sup>(2)</sup>	kg/h	25.6	30.2	57.1	85.6	102.3	136.8	162.4	213.7	256.2	342.3
Dehumidification <sup>(3)</sup>	kg/h	8.0	12.8	12.3	25.0	37.8	42.5	50.6	66.5	83.7	130.9
Air flow rate	m <sup>3</sup> /h	2100	3500	4900	7000	8400	11200	13300	17500	21000	28000
Recuperator efficacy <sup>(1)</sup>	%	67	69	71	68	73	70	70	70	68	68
Air battery power (90-70°C)	kW	20.4	38.7	48.5	71.0	87.9	106.7	134.2	177.8	216.5	273.0

(1) Local 28°C 65% hr with 30% outside air 20°C 70% hr.

(2) VDI 2089 Local 30°C 54% hr with 30% outside air 5°C 80% hr.

(3) Local 28°C 65% hr in recirculation.

## OPTIONAL U.V. disinfection system

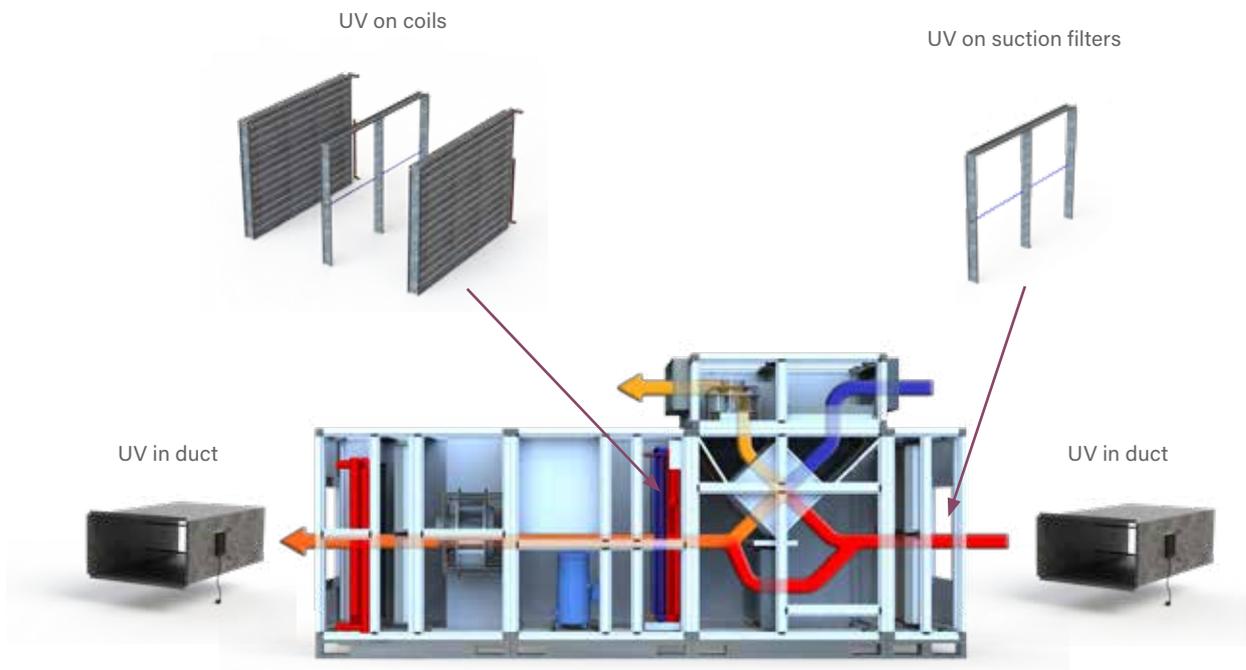


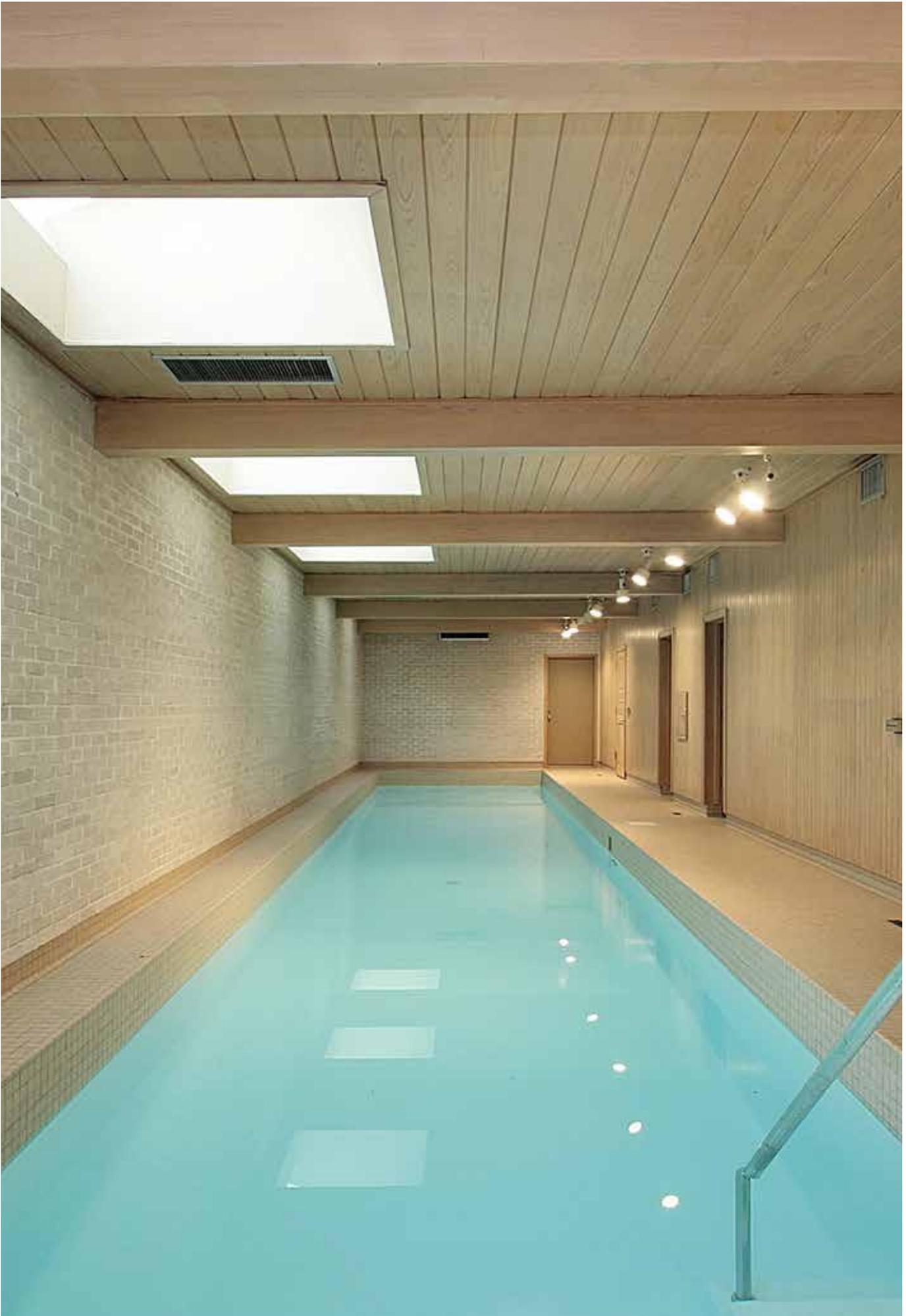
Optional U.V. disinfection system, is a highly effective way to destroy microorganisms including: virus, bacteria, and mold spores.

Short wave UV light (UVC) penetrates the cell structure of the micro-organism and destroys the DNA structure and thereby prevents it from replicating.

This method of purification is ideal for dehumidifiers because it is completely safe, fast and easy to use and with simple maintenance.

The versatility of this disinfection system makes it easy to install in different parts of the dehumidifier. This is a tailor-made option that we study its location in each dehumidifier.







## POOLS

# HEATING & COOLING

### 352 POOL HEATING SOLUTIONS

#### 354 HEAT PUMPS

- 354 Power Force Inverter
- 356 Z950 Inverter
- 358 ProHeat II
- 360 ProHeat II Indoor
- 362 Excellium inverter

#### 364 AIR TO WATER CHILLER

- 364 Alaska - Siberia

### 365 WATER TO WATER CHILLER

- 365 Bering chiller

#### 366 ELECTRIC HEATERS

- 366 RE/I

#### 367 HEAT EXCHANGERS

- 367 Waterheat EVO
- 368 Etna
- 370 Uranus Unequipped and Plus

## POOL HEATING SOLUTIONS

### PARAMETERS FOR CHOOSING A HEATING SYSTEM

To define a system suitable for a pool, many parameters need to be considered. The most important parameters (but non-exhaustive) are the ones below:

1. Average outdoor air temperature (°C)
2. Pool water target temperature (in °C)
3. Period of use
4. Pool volume (m<sup>3</sup>)
5. Presence of an isothermal cover or not
6. Filtration time

The choice of heating equipment also depends on the energy source that will be used.

### UNDERSTAND THE CONCEPT OF PERFORMANCE

To compare the performance of different heat pumps, it is essential to compare restituted power and performance coefficient.

Two main values characterise the performance of heat pumps: their power and their performance coefficient.

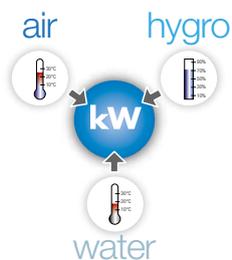
- **Power**, expressed in kW, indicates the quantity of heat transferred to the water. It is expressed in specific climatic conditions to which the heat pump is exposed during use:

- Temperature of the outside air (in °C)
- Humidity of the outside air (in %)
- Temperature of the water in the pool (in °C)

- **The coefficient of performance (COP)** is the ratio between the restituted power and the power consumption of the heat pump. As a result, it is the ratio at specific climatic conditions too.

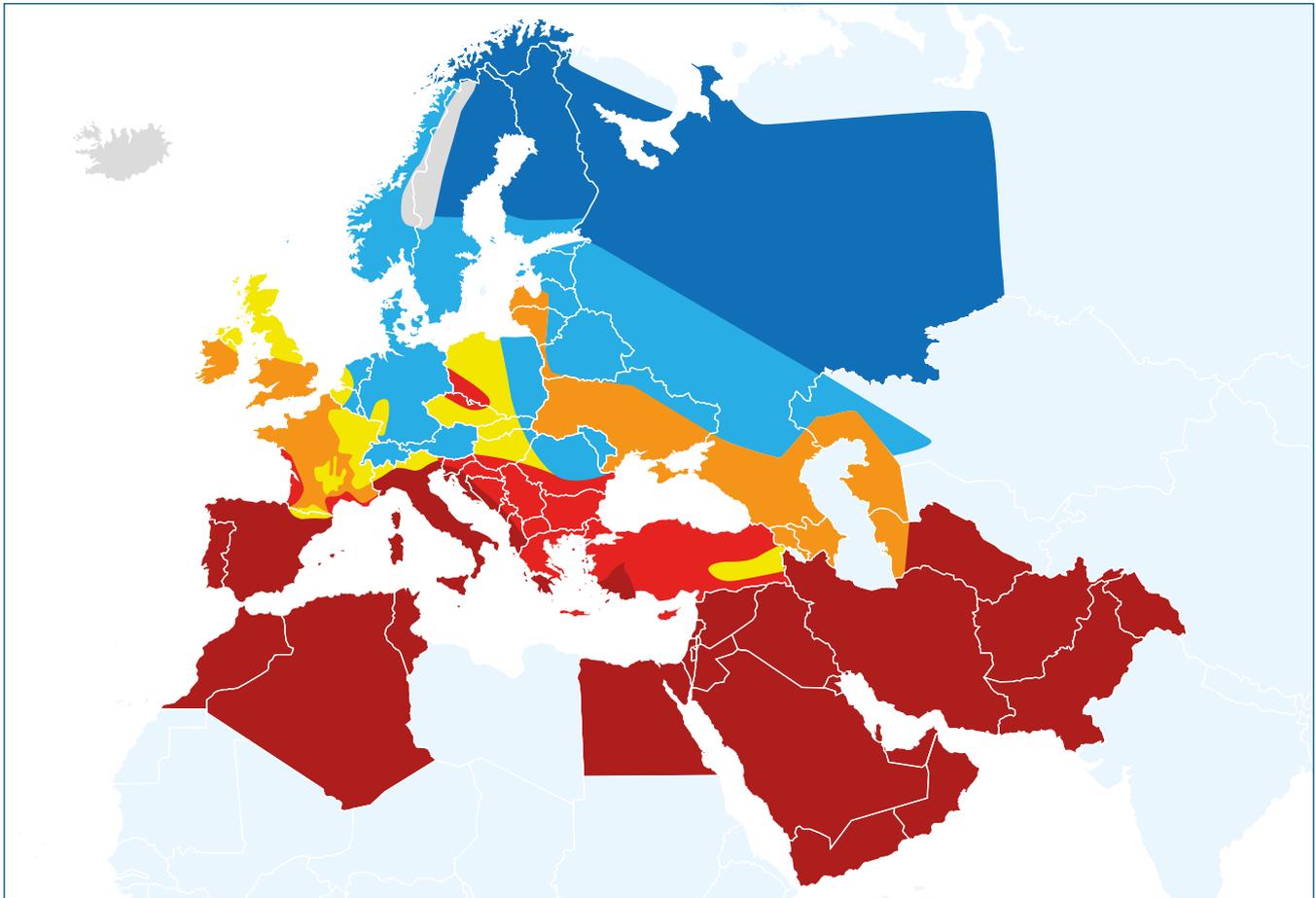
As an example, a performance coefficient of 5 means that for 1 kWh consumed at the electricity meter, the heat supplies 5 times more energy to the water in the pool, or 5 kWh.

So the higher the performance coefficient, the more efficient the system.



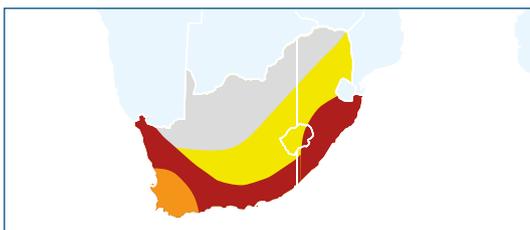
POOL HEATING SOLUTIONS

CLIMATE ZONES

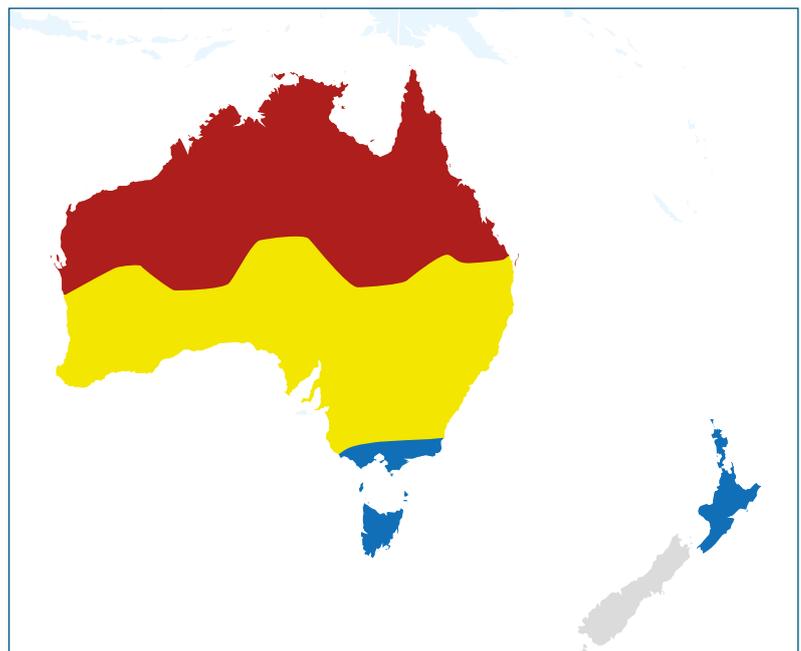
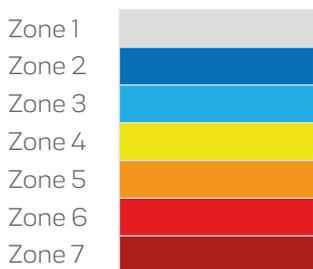


SOUTH AFRICA

AUSTRALIA



•Pool location zones



Caribbean Islands, Reunion Island, Canary Islands are part of Zone 7.

HEAT PUMPS



# POWER FORCE INVERTER

The Power Force Inverter is the ultimate solution for efficient and sustainable climate control, designed to deliver superior performance throughout the year. With a range of advanced technical features, this equipment is ideal for commercial and residential environments seeking energy efficiency and quiet operation.

### Key Features

- Quality and efficiency guaranteed.
- Full Inverter Technology: Provides the necessary energy required by the installation, adapting to any need.
- Year-Round Operation: Efficient performance in ambient temperatures from -15°C to 38°C and water temperatures from 10°C to 40°C.
- R32 Refrigerant: More sustainable gas, with a charge of 4.4 kg to 4.2 kg, environmentally friendly.
- Automatic Defrost: Cycle inversion system for operation in air temperatures below 10°C.
- Galvanized Steel Body: Epoxy painted for enhanced durability and resistance.
- LCD Screen: Intuitive interface for easy control.
- Heating Priority Mode: Filtration pump control for maximum efficiency.
- Remote Control and Home Automation: On-Off control via a remote switch or home automation system.
- Titanium Heat Exchanger: Compatible with saltwater treatments.
- Inverter Compressor: Efficient and durable compression technology.

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### Efficiency and Sustainability

It uses aerothermal heating, a renewable and clean energy source, reducing emissions and leveraging green electricity. It employs R32 refrigerant gas, which has a lower environmental impact compared to traditional refrigerants, contributing to the reduction of greenhouse gas emissions.

### Technical Specifications

- Operating Voltage: 400 V / 3 / 50 Hz with an allowable variation of ± 10%.
- IP44 Protection: High resistance to dust and water splashes.
- Water Service Pressure: Up to 15 bar.
- Recommended Water Flow: 10 m³/h with 50 mm hydraulic connections.
- Acoustic Performance: Acoustic power of 50 dB(A).

### Exceptional Performance

- COP: High coefficient of performance, reaching up to 6.53 under optimal conditions (Class A).
- Output Power: Varies depending on conditions, with a maximum of 43.92 kW at 26°C air and water.

### Design Flexibility

VERThe design of the Power Force Inverter makes it very flexible to find the best location in the technical room of the pool, adapting to different spaces and needs.

**Power Force Inverter is the perfect choice for those looking to combine state-of-the-art technology with sustainability and efficiency. Its robust design and advanced features ensure optimal climate control and reliable operation all year round.**

**HEAT PUMPS**

**POWER FORCE INVERTER**



**TECHNICAL FEATURES**

Model		PFORCE INV 30	PFORCE INV 40
Standard Model		WH000625	WH000626
Recommended water flow rate	m <sup>3</sup> /h	10	
Hydraulic connections	mm	PVC unions, ø50 , glued	
Electric power supply		380-400V / 3N~ / 60Hz	
Nominal operating power	(A)	9,6	12,7
Maximum operating power	(A)	16,4	21,6
Recommended Power cable size*		5 x 4	
Refrigerant fluid		R32	
Refrigerant fluid quantity	(kg)	4,5	
Acoustic power	dB(A)	75	
Acoustic pressure at 10m**	dB(A)	50	

**HEATING PERFORMANCE**

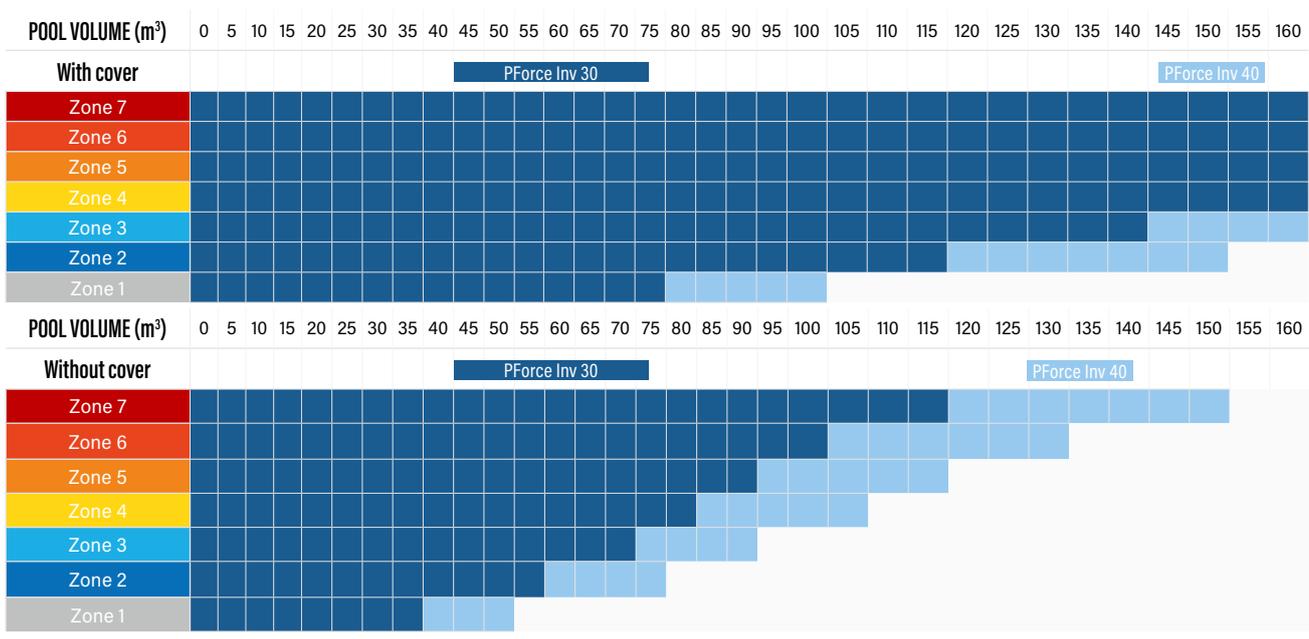
Air 26°C / water 26°C / humidity 80%			
Operating power	kW	34,9	43,9
Consumed power	kW	5,3	7,0
COP		6,5	6,2
Air 15°C / water 26°C / humidity 70%			
Operating power	kW	28,3	35,4
Consumed power	kW	5,1	6,9
COP		5,5	5,1
Air 7°C / water 26°C / humidity 90%			
Operating power	kW	23,7	30,3
Consumed power	kW	5,5	7,2
COP		4,3	4,2

**WEIGHT AND DIMENSIONS**

Heat pump weight	Kg	220,0	270,0
Heat pump dimensions (Width, depth and height)	m	1,55 x 0,5 x 1,56	
Packaging weight	Kg	248,0	310,0
Packaging dimensions (Width, depth and height)	m	1,7 x 0,8 x 1,8	

**SELECT THE POWER IN LESS THAN 1 MINUTE**

How to read: For a 135m<sup>3</sup> pool, with cover, located in zone 4, a POWERFORCE TD25 is needed\*.



\*To find the corresponding pool location zone, consult our climate map in page 353

Zodiac recommends to use the web configurators to get a more accurate sizing. For professional use, visit our configurator on Profluidra website. For public use, visit our simplified configurator on Zodiac website.

HEAT PUMPS



## Z950 INVERTER

### Efficiency and sustainability for commercial pools

The Z950 Inverter heat pump is the ideal choice for large pools in hotels, campsites, sports clubs, public pools, spas, and water parks. Its Full Inverter technology maximizes energy savings, providing both efficiency and sustainability.

- Utilizes aérothermal heating and R32 refrigerant gas
- Quiet Operation and Durability
- Superior Performance
- Year-round operation down to -15°C

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### Sustainability

It utilizes aérothermal heating, a renewable and clean energy source. Additionally, it uses R32 refrigerant gas, which has a lower environmental impact compared to traditional refrigerants.

### Energy Efficiency

Inverter technology maintains a constant temperature with reduced consumption. It achieves a COP of up to 6.35 under optimal conditions and operates efficiently across a wide range of temperatures.

### Superior Performance

Provides up to 126.98 kW of power with low energy consumption, adapting to the system's specific needs and operating efficiently in different climatic conditions.

### Quiet Operation and Durability

The Z950 Inverter operates quietly (only 58 dB[A]), and its design minimizes component wear, extending its lifespan and reducing maintenance needs. Additionally, its chassis, made of galvanized steel with epoxy paint, ensures the equipment's durability.

### Easy installation

Its compact design and titanium heat exchanger allow for quick installation and compatibility with any water treatment. Hydraulic connections from 63 to 75 mm make it easy to integrate into various systems, and its robust anodised aluminium body ensures durability in demanding environments.

### Additional features

- Removable LCD display
- Compatible with Fluidra Connect for optional Wi-Fi automation and control
- Heating priority mode and On-Off remote control
- Automatic defrost and anti-freeze thermostat
- Full inverter scroll compressor and electronic expansion valve

### Guarantee

It includes a 5-year anti-corrosion warranty on the titanium condenser, ensuring protection of the equipment against the effects of the environment and prolonged use.

The Z950 Inverter is the perfect choice for maintaining the temperature of commercial pools all year round, combining efficiency, sustainability and cost-effectiveness. This all-in-one solution offers superior performance and reduced environmental impact, making it a smart investment for any commercial pool installation.

**HEAT PUMPS**

**Z950 INVERTER**



**TECHNICAL FEATURES**

Model		Z950I 35	Z950I 45	Z950I 60	Z950I 90	Z950I 120
Standard Model		WH000627	WH000628	WH000629	WH000630	WH000631
Recommended water flow rate	m³/h	12	15	20	35	40
Hydraulic connections	mm	PVC unions, ø63, glued			PVC unions, ø75, glued	
Electric power supply		380-400V / 3N~ / 60Hz				
Nominal operating power (15°C/26°C/70%)	(A)	10,45	12,73	17,45	25,46	34,9
Maximum operating power	(A)	22,57	26,15	33,57	52,3	67,14
Recommended Power cable size*		5 x 4	5 x 6	5 x 10	5 x 16	5 x 25
Refrigerant fluid		R32				
Refrigerant fluid quantity	(kg)	5,5	7	9,0	11 (2 x 7)	18 (2 x 9,0)
Acoustic power	dB(A)	83			90	
Acoustic pressure at 10m**	dB(A)	52			58	

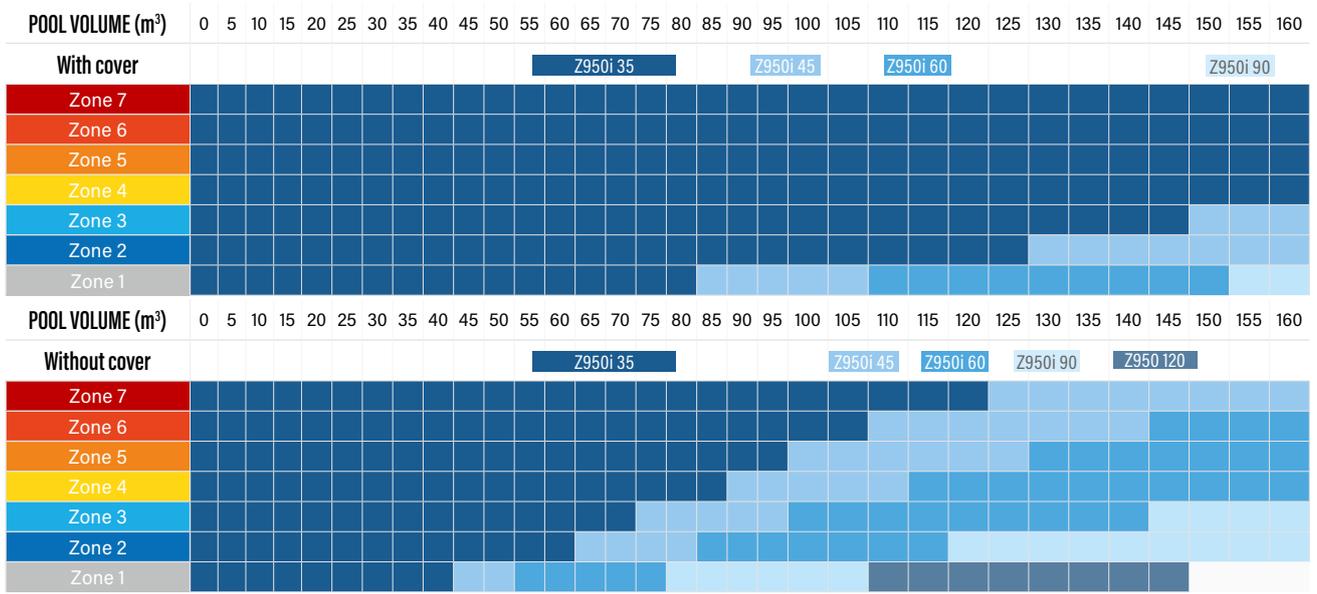
**HEATING PERFORMANCE**

Air 26°C / water 26°C / humidity 80%						
Operating power	kW	42,0	50,9	63,5	101,8	127,0
Consumed power	kW	6,7	8,0	10,5	16,0	21,0
COP		6,3	6,4	6,0	6,4	6,0
Air 15°C / water 26°C / humidity 70%						
Operating power	kW	31,7	40,1	52,10	80,4	104,2
Consumed power	kW	6,2	7,75	10,21	15,5	20,43
COP		5,1	5,2	5,1	5,2	5,1
Air 7°C / water 26°C / humidity 90%						
Operating power	kW	28,2	32,6	44,6	65,1	89,2
Consumed power	kW	6,7	7,7	10,3	15,5	20,6
COP		4,2	4,2	4,3	4,2	4,3

**WEIGHT AND DIMENSIONS**

		Z950I 35	Z950I 45	Z950I 60	Z950I 90	Z950I 120
Heat pump weight	Kg	220,0	270,0	440,0	530,0	720,0
Heat pump dimensions (Width, depth and height)	m	1 x 1 x 1,2		1 x 1 x 1,4	1 x 2,2 x 1,5	1 x 2,2 x 1,6
Packaging weight	Kg	248,0	310,0	490,0	600,0	800,0
Packaging dimensions (Width, depth and height)	m	1,2 x 1,2 x 1,4		1,2 x 1,2 x 1,6	1,2 x 2,4 x 1,7	1,2 x 2,4 x 1,8

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1,5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 353. To get a customized sizing, please consult BILPI configurator: <https://pro.zodiac-poolcare.com/bilpi>



## HEAT PUMPS

ASTRALPOOL 

## PROHEAT II

- 0°C minimum outdoor air temperature.
- 2 models: Standard and Chiller.
- Digital display.
- Heating priority mode (filtration pump control).
- Robust, lightweight casing made from corrosion-resistant magnesium coated aluminium.
- Axial ventilator.
- Automatic cooling mode for chiller model.
- Automatic defrosting.
- HP & LP safety pressure switch.
- Water flow switch.
- G2 Titanium water exchanger condensers. Guaranteed against corrosion.
- Scroll compressor.
- Thermostatic expansion valve, with external balancing unit.
- High performance evaporator battery in an inner corrugated copper tube with lacquered aluminium fins, especially for corrosive environments.
- Control of purifying system.
- Automatic electrical protections.
- Can be supplied with power frequency at 60 Hz on request.



MADE IN EUROPE



Fluidra Connect compatible



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## TECHNICAL FEATURES

Model		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
Reference	STANDARD	65542-MOB	65543-MOB	65544-MOB	65545-MOB	65546-MOB
	CHILLER	68245-MOB	68246-MOB	68247-MOB	68248-MOB	68249-MOB
Recommended water flow	m <sup>3</sup> /h	12-15	15-25	25-35	30-50	50-70
Hydraulic connection	mm	63			75	
Electric power supply	V/Ph/Hz	400/3/50				
Refrigerant fluid		R-410A				
Refrigerant fluid quantity	Kg	4	6	9	2 x 6.5	2 x 9
Number of fans		1			2	
Sound level	dB(A) (d*)	66.2	66.2	72.5	71.1	71.1
	dB(A) (5m)	60.9	60.9	68.4	69.4	69.4

## STANDARD

Nominal operating power	A	13.75	17.1	25.1	33	45.4
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended Power cable size*		4	6	10	16	25

## CHILLER

Nominal operating power	A	13.14	17.1	24.2	31.5	43.7
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended Power cable size*		4	6	10	16	25

## HEATING PERFORMANCE

Standard models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
<b>AIR 25°C / WATER 26°C</b>						
Heating capacity	(kW)	36.2	44.4	63.5	91.3	125.5
Power consumption	(kW)	6.4	8.2	11.9	17.0	24.3
COP		5.7	5.4	5.3	5.4	5.2
<b>AIR 15°C / WATER 26°C</b>						
Heating capacity	(kW)	30.5	39.7	56.8	80.2	110.5
Power consumption	(kW)	6.2	8.1	11.5	16.8	23.9
COP		4.9	4.9	4.9	4.8	4.6
<b>AIR 5°C / WATER 26°C</b>						
Heating capacity	(kW)	23.2	30.0	41.3	61.0	80.1
Power consumption	(kW)	6.0	7.9	10.7	16.2	22.7
COP		3.9	3.8	3.9	3.8	3.5

## COOLING PERFORMANCE

Chiller models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
<b>AIR 30°C / WATER 26°C</b>						
Cooling capacity	(kW)	42.3	51.0	72.0	104.0	140.0
Power consumption	(kW)	7.0	8.4	12.0	17.3	24.4
EER		6.0	6.1	6.0	6.0	5.7
<b>AIR 43°C / WATER 32°C</b>						
Cooling capacity	(kW)	29.1	37.0	49.5	74.0	99.0
Power consumption	(kW)	9.4	11.9	15.6	24.5	31.2
EER		3.1	3.1	3.2	3.0	3.2

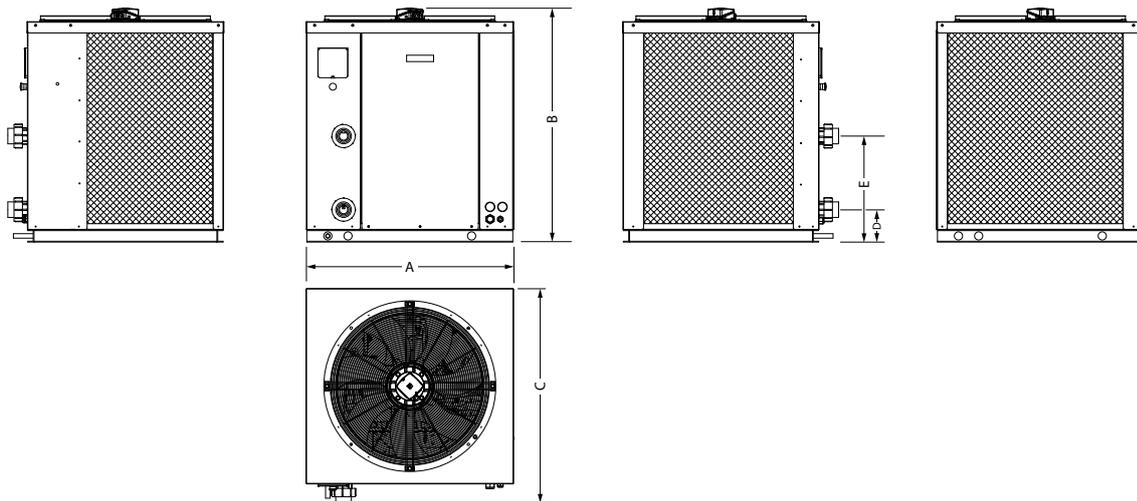
\*Cable not provided. Recommended section for a maximum length of 20 meters.

NOTE: d\* = As per UNE-EN 12102/ISO 3744:2010.

HEAT PUMPS

STANDARD AND CHILLER MODELS - WEIGHT AND DIMENSIONS

Model			PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
Weight	kg		185	210	287	447	500
Dimensions 	mm	A	1000		1700		2400
		B	950		1200		
		C	1140		1200	1500	1700



CLIMATE ZONES

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1.5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 353. To get a customized sizing, please consult the web configurators: For professional use, visit our configurator on [www.pro.fluidra.com](http://www.pro.fluidra.com) For public use, visit our simplified configurator on [www.astralpool.com](http://www.astralpool.com)

Pool Volume (m³)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160				
<b>With cover</b>	PROHEAT II 35																	PROHEAT II 45					PROHEAT II 60					PROHEAT II 90									
Zone 7	[Blue shading]																																				
Zone 6	[Red shading]																																				
Zone 5	[Orange shading]																																				
Zone 4	[Yellow shading]																																				
Zone 3	[Light Blue shading]																																				
Zone 2	[Dark Blue shading]																																				
Zone 1	[Grey shading]																																				
Pool Volume (m³)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160				
<b>Without cover</b>	PROHEAT II 35																	PROHEAT II 45					PROHEAT II 60					PROHEAT II 90					PROHEAT II 120				
Zone 7	[Blue shading]																																				
Zone 6	[Red shading]																																				
Zone 5	[Orange shading]																																				
Zone 4	[Yellow shading]																																				
Zone 3	[Light Blue shading]																																				
Zone 2	[Dark Blue shading]																																				
Zone 1	[Grey shading]																																				

## HEAT PUMPS

ASTRALPOOL 

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## PROHEAT II INDOOR

- 0°C minimum outdoor air temperature.
- Digital display, easy-to-use control panel, with display of current temperature, setpoint and alarm messages.
- Heating priority mode (filtration pump control).
- Robust, lightweight casing made from corrosion-resistant magnesium coated aluminium.
- Centrifugal fan.
- Automatic cooling mode (chiller model).
- Automatic defrosting.
- HP & LP safety pressure switch.
- Water flow switch.
- G2 Titanium water exchanger condensers. Guaranteed against corrosion.
- Scroll compressor.
- Thermostatic expansion valve, with external balancing unit.
- High performance evaporator battery in an inner corrugated copper tube with lacquered aluminium fins, especially for corrosive environments.
- Control of purifying system.
- Automatic electrical protections.
- Centrifugal fans so the unit will be installed in a technical room, using air ducting.
- Can be supplied with power frequency at 60 Hz on request.

## TECHNICAL FEATURES

Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
Reference		69649-MOB	69650-MOB	69651-MOB	69652-MOB	69653-MOB
Recommended water flow	m <sup>3</sup> /h	12-15	15-25	25-35	30-50	50-70
Hydraulic connection	mm	63		75		
Electric power supply	V/Ph/Hz	400/3/50				
Nominal operating power	A	14.6	18.6	25.1	29.1	45.6
Maximum operating power	A	23.9	31.4	40.7	62.8	81.4
Recommended Power cable size*		4	6	10	16	25
Refrigerant FLUID		R-410A				
Refrigerant fluid quantity	Kg	6	9	12	2 x 7	2 x 9
Number of fans		1			2	
Sound level	dB(A) (d*)	59.2	59.6	60.0	61.1	61.5
	dB(A) (5m)	55.4	55.8	56.1	56.5	56.6

## HEATING PERFORMANCE

Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
<b>AIR 25°C / WATER 26°C</b>						
Heating capacity	(kW)	43.6	44.4	63.5	91.3	125.5
Power consumption	(kW)	6.7	9.4	11.8	18.7	23.6
COP		6.5	6.0	6.0	6.0	6.0
<b>AIR 15°C / WATER 26°C</b>						
Heating capacity	(kW)	34.9	45.0	57.5	90.1	114.9
Power consumption	(kW)	6.4	8.6	11.0	17.1	22.1
COP		5.4	5.3	5.2	5.3	5.2
<b>AIR 5°C / WATER 26°C</b>						
Heating capacity	(kW)	27.4	35.2	45.2	70.5	90.3
Power consumption	(kW)	6.5	8.5	11.2	16.9	22.3
COP		4.2	4.2	4.1	4.2	4.1

\*Cable not provided. Recommended section for a maximum length of 20 meters.

NOTE: d\* = As per UNE-EN 12102/ISO 3744:2010.

HEAT PUMPS

STANDARD AND CHILLER MODELS - WEIGHT AND DIMENSIONS

Model			PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
Weight	kg		315	391	437	648	757
Dimensions 	mm	A	1610	1910	1910	1922+50	2400-100
		B	1160+100	1197+100	1197+100	2110+100	2024+50
		C	1347+50	1497+50	1497+50	1590+50	1670+50



CLIMATE ZONES

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1.5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 353. To get a customized sizing, please consult the web configurators: For professional use, visit our configurator on [www.pro.fluidra.com](http://www.pro.fluidra.com) For public use, visit our simplified configurator on [www.astralpool.com](http://www.astralpool.com)

Pool Volume (m³)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
<b>With cover</b>	PROHEAT 2 35										PROHEAT 2 45										PROHEAT 2 60					PROHEAT 2 90							
Zone 7	[Dark Blue]																																
Zone 6	[Dark Blue]																																
Zone 5	[Dark Blue]																																
Zone 4	[Dark Blue]																																
Zone 3	[Dark Blue]																																
Zone 2	[Dark Blue]																																
Zone 1	[Dark Blue]																																
Pool Volume (m³)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
<b>Without cover</b>	PROHEAT 2 35										PROHEAT 2 45					PROHEAT 2 60					PROHEAT 2 90					PROHEAT 2 120							
Zone 7	[Dark Blue]																																
Zone 6	[Dark Blue]																																
Zone 5	[Dark Blue]																																
Zone 4	[Dark Blue]																																
Zone 3	[Dark Blue]																																
Zone 2	[Dark Blue]																																
Zone 1	[Dark Blue]																																

HEAT PUMPS

# EXCELLIUM INVERTER

Energy saving and efficiency for all types of pools



The Excellium Inverter heat pump provides maximum energy savings thanks to its Full Inverter technology. It is an ideal solution for large swimming pools in hotels, campsites, sports clubs, public swimming pools, wellness areas, spas and water parks.

**Sustainability**

Aerothermal heating is a technology that uses a renewable source of energy, the heat from the environment. It is the most efficient system for heating pool water and reducing emissions. Coupled with green electricity becomes a source of clean energy.

**Increased efficiency in temperature control**

Inverter technology maintains the temperature with minimal deviations. No need to restart the entire system at full power, generating extra start-up consumption.

**Energy efficiency**

By using the heat of natural air at 15 degrees outside temperature, this heat pump is able to offer a COP (coefficient of performance) of 4.5, which means that for each unit of energy consumed it produces 4.8 kW of energy heat in return.

**Silence and Durability**

The Excellium pool heat pump reduces noise to 41 dB(A) due to its Inverter technology in compressors and fans. In addition, it does not need to run at full speed, resulting in less wear and tear on parts while extending the life of the solution.

**Plug & Play Solution**

Its compact size and ease of installation gives it a wide range of spaces and applications where it can be integrated.

Moreover, as it incorporates a titanium exchanger, it is compatible with any water treatment.

**Cost-effectiveness and savings**

Consumption is adapted to the needs of the system. Inverter technology provides just the right amount of energy and required at any given time. Electricity consumption is considerably reduced, which is reflected in the on invoices.

**Bathing season 365 days a year**

It is a heat pump that can be used all year round. In winter it is able to heat the water with outside temperatures down to -15°C and as it is reversible, in summer it can cool the water if necessary.

**For outdoors**

Thanks to its elegant design with neutral shapes and concealed screws, it will fit perfectly into any space.



**5 YEAR**  
COMPRESSOR  
WARRANTY

**7 YEAR**  
titanium  
interchanger  
WARRANTY



- LCD control screen.
- Multifunction: Turbo, Smart and Silent.
- Intuitive panel: easy to use and consult.
- Modes: Heating, cooling and automatic.

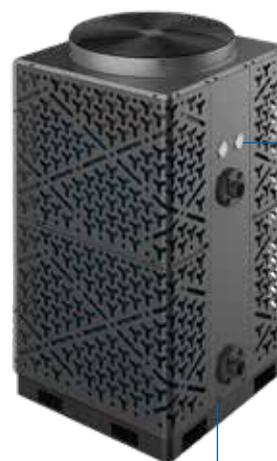
Vertical axial fan for connection to an exhaust air duct

- Automatic defrost by cycle reversal
- Full Inverboost Inverter Technology
- Vibration dampers, pipettes, drainage pipes and connections of water for stability.
- High-performance compressor inside.



Intuitive and easy-to-program control panel

Easy-to-grip holes for easy transport and handling optimal installation



Outdoor high pressure gauges

Compact and elegant design with a large surface area ventilation

## HEAT PUMPS

## EXCELLIUM INVERTER

Energy saving and efficiency for all types of pools



## TECHNICAL FEATURES

Model		EXC INV 30	EXC INV 45	EXC INV 60	EXC INV 90	EXC INV 130
Reference		75397	75398	75399	75400	75401
Power supply	V/Ph/Hz	380-415/3/50				
Rated current	A	14,4	16,5	28,0	34,5	53
Recommended water flow rate	m <sup>3</sup> /h	20-28	26-35	37-45	56-70	80-95
Hydraulic connections	mm	63	63	90	90	90
Loss of water pressure	Kpa	30	32	35	38	46
Number of compressors		2	2	2	2	2
Compressor brand		Mitsubishi				
Coolant		R410A				
Refrigerant charge	Kg	5,3	6	11	14	19
Noise level 10m	dB(A)	40	42	43	44	48
Sound level 1m	dB(A)	41-58	43-62	44-62	46-65	50-68

## HEATING PERFORMANCE

## Air 28°C / water 28°C / humidity 80%

Heating power	kW	45	60	85	130	185
COP		5,6	5,6	5,8	5,9	5,9
SMART heating power	kW	36	52	68	105	150
SMART POPS		10,3	10,4	10,5	10,5	10,5
Power consumed	kW	1,63-8,03	2,62-10,71	2,85-14,66	5,24-22	6,27-33,1

## Air 15°C / water 26°C / humidity 70%

Heating power	kW	30	45	60	95	130
COP		4,5	4,5	4,8	4,8	4,7
SMART heating power	kW	24	36	48	75	104
SMART POPS		7,4	7,5	7,9	7,9	7,8
Power consumed	kW	1,25-6,67	2,47-10,47	2,38-12,5	5,49-23,26	5,25-27,65

## Air -10°C / water 26°C / humidity 78%

Heating power	kW	19	25	35	55	75
Power consumed	kW	6,6	8,7	12,1	19	26,7
COP		2,9	2,9	2,9	2,9	2,8

## COOLING PERFORMANCE

## Air 30°C / water 26°C

Cooling power	kW	23	30	43	64	92
Power consumed	kW	6,8	8,8	12,7	18,9	27,9
EER		3,4	3,4	3,4	3,4	3,4

## Air 43°C / water 26°C

Cooling power	kW	15	20	28	41	60
Power consumed	kW	5,6	7,41	10,4	15,2	23,1
EER		2,7	2,7	2,7	2,7	2,6

## DIMENSIONS

Net weight	Kg	290	294	560	590	810
Long	mm	866	866	1958	1958	2080
High	mm	1604	1604	1699	1699	1830
Width	mm	850	850	968	968	1172

## AIR TO WATER CHILLER

ASTRALPOOL 

## ALASKA - SIBERIA



ALASKA



SIBERIA



- +5°C minimum outdoor air temperature.
- 2 compact models: For outdoor (Alaska) or indoor (Siberia) installation.
- Digital display.
- Heating priority (filtration pump control).
- Made of non-corrosive magnesium coated aluminium.
- Helicoidal ventilators with direct coupling motor for the Alaska model, centrifugal for the Siberia model.
- Defrosting thermostat in evaporator for enhanced performance.
- HP & LP safety pressure switch.
- Water flow switch.
- Condensor made of copper pipe with coated aluminium fins (special for corrosive environments).
- Scroll compressor with carter resistance and deoxidized copper.
- Thermostatic expansion valve.
- Titanium evaporator with PVC shell and in G2 titanium coil according to ASTM B 338.99 standard. Guaranteed against corrosion.
- Anti-acid dehydrating filter.

## TECHNICAL FEATURES

Model		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Reference		32535-MOB	32536-MOB	32537-MOB	32538-MOB	32540-MOB	32541-MOB
Model		SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
Reference		33301-MOB	33302-MOB	33303-MOB	33304-MOB	33306-MOB	33307-MOB
Recommended pool volume	m <sup>3</sup>	5-9	7-14	10-20	13-26	18-36	25-50
Recommended water flow	m <sup>3</sup> /h	6-10	6-10	7-12	7-12	10-15	10-15
Hydraulic connection	mm	50					
Air flow	m <sup>3</sup> /h	3800	4900	5500	9800	11000	
Electric power supply	V/Ph/Hz	230/1/50			400/3/50		
Maximum operating power	A	16	22.4	11.8	11.2	16.28	20.68
Recommended Power cable size*	mm <sup>2</sup>	4	6	2,5	2,5	4	4
Refrigerant FLUID		R-407C					
Refrigerant fluid quantity	Kg	2	4.3	4.8	5.5	6.3	6.6
Number of fans		1				2	
Acoustic power	dB(A)	70	70	70	70	70	70
Acoustic pressure at 5m (dB(A))**	dB(A)	115	115	185	190	205	240

## COOLING PERFORMANCE

Alaska		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
<b>AIR 27°C / WATER 12°C</b>							
Cooling capacity	(kW)	4.4	5.7	8.9	10.7	16.6	22.7
Power consumption	(kW)	1.3	2.0	2.8	3.6	5.0	6.6
EER		3.3	2.9	3.1	3.0	3.4	3.5
Siberia		SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
<b>AIR 27°C / WATER 12°C</b>							
Cooling capacity	(kW)	4.4	5.7	8.9	10.7	16.6	22.7
Power consumption	(kW)	1.8	2.3	3.2	4.5	7.7	9.3
EER		2.4	2.5	2.8	2.4	2.2	2.5

Maximum air temperature 40°C, minimum water temperature 10°C. Maximum water pressure 3.5 bar.

## WEIGHT AND DIMENSIONS

Alaska		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Weight	kg	80	92	102	133	167	197
Dimensions	mm	A	1311 (+80)		1411 (+80)	1372 (+80)	1728 (+80)
		B	512	540	556	650	708
		C	746		846	890	866
Siberia		SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
Weight	kg	97	112	120	188	219	224
Dimensions	mm	A	1311 (+80)		1411 (+80)	1372 (+80)	1728 (+80)
		B	550+50	700+50		655+50	655+50
		C	746		846	890	866

\*Cable not provided. Recommended section for a maximum length of 20 meters.

## WATER TO WATER CHILLER

## BERING CHILLER




- The ASTRALPOOL models BERING CHILLER are used for cooling the pool.
- 8 °C minimum evaporator inlet temperature.
- 40 °C maximum condensator inlet temperature.
- Digital display.
- Cooling priority (recirculation pump control).
- Made of non-corrosive magnesium coated aluminum.
- Scroll compressor with carter resistor.
- Water evaporator and condenser made in PVC and Titanium.
- HP & LP safety pressure switch.
- Thermostatic expansion valve with external balancing unit.
- Hydraulic circuit with flow switch on the water inlet made of high molecular weight PVC pipe, good elasticity and remarkable resistance to stress cracking.
- Anti-acid dehydrating filter.
- Can be supplied with power frequency at 60 Hz on request.

## TECHNICAL FEATURES

Model		BERING-CHILLER 4	BERING-CHILLER 6	BERING-CHILLER 8	BERING-CHILLER 10	BERING-CHILLER 15	BERING-CHILLER 17
Reference		66306	66307	66308	66309	66311	66312
Recommended water flow	m <sup>3</sup> /h	6 - 10	6 - 10	7 - 12	7 - 12	10 - 15	10 - 15
Hydraulic connection	mm	50					
Electric power supply	V/Ph/Hz	230/2/50	230/2/50	400/3/50	400/3/50	400/3/50	400/3/50
Maximum operating power	A	11,4	14,8	7,7	7,7	12,3	16,7
Recommended Power cable size*	mm <sup>2</sup>	2,5	4	2,5	2,5	2,5	4
Refrigerant FLUID		R407C					
Refrigerant fluid quantity	Kg	2	4,3	4,8	5,5	6,3	6,6
HEAD LOSS	bar	0,1	0,1	0,1	0,3	0,3	0,3
Acoustic power	dBA	70,0	70,0	70,0	70,0	70,0	70,0
Acoustic pressure at 5m (dB(A))**	dBA	115,0	115,0	185,0	190,0	205,0	240,0

## COOLING PERFORMANCE

Model		BERING 4	BERING 6	BERING 8	BERING 10	BERING 15	BERING 17
<b>AIR 27°C / WATER 12°C</b>							
Cooling capacity	(kW)	4,43	5,72	8,88	10,73	16,60	22,71
Power consumption	(kW)	1,34	2,01	2,84	3,55	4,95	6,57
EER		3,32	2,85	3,13	3,02	3,35	3,46

## WEIGHT AND DIMENSIONS

Model		BERING 4	BERING 6	BERING 8	BERING 10	BERING 15	BERING 17
Weight	Kg	100	110	120	190	220	225
Dimensions (mm)	A	1311 (+80)	1311 (+80)	1311 (+80)	1411 (+80)	1750 (+80)	1750 (+80)
	B	550	700	700	700	800	800
	C	750	750	850	900	900	900

NOTES:

\*d = As per UNE-EN 12102/ISO 3744:2010.

\*\*Cable not provided. Recommended section for a maximum length of 20 meters.

## ELECTRIC HEATERS



RE/I

- + Full digital regulation
- + 2-stage power management
- + Maximum robustness

- Control box with precision thermostat  $\pm 0.5^{\circ}\text{C}$
- Digital display and timer
- Positive safety high temperature limiters
- Watertightness of electrical resistances with an EPDM collar
- HYPALON electric connection
- Flow switch
- Power contactors
- Luminous control switches
- U format allowing an easy assembly and water retention
- Factory installed power modulation (2 manual stages)
- Three-phase wiring 400V-50/60Hz only

**2**  
YEAR  
WARRANTY



**Ti<sup>22</sup>**  
TITANE  
INSIDE



## PRODUCT REFERENCES

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T	RE/I 60T	RE/I 84T	RE/I 96T	RE/I 120T
Standard Model	W40TIT30	W40TIT36	W40TIT42	W40TIT48	W40TIT60	W40TIT84	W40TIT96	W40TIT120

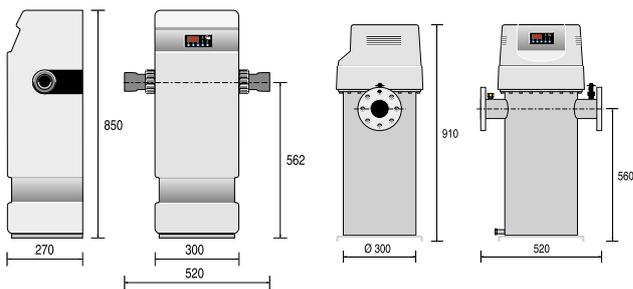
## HEATING PERFORMANCE &amp; TECHNICAL FEATURES

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T	RE/I 60T	RE/I 84T	RE/I 96T	RE/I 120T
Voltage	400 V / 3N / 50 Hz							
Operating power (kW)*	12+18	12+24	18+24	24+24	24+36	36+48	48+48	60+60
Absorbed intensity (A)**	44	52	61	70	87	122	139	174
Water flow (m <sup>3</sup> /h)	20 to 30				30 to 50			
Hydraulic connection	PVC half-unions, $\varnothing$ 63, glued				2 flanges, DN 80, with glued PVC fitting, $\varnothing$ 90			

\* Tolerance operating voltage +6 -10%. Grid power supply. \*\* Manufacturing tolerance of + or -5%.

## WEIGHT AND DIMENSIONS

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T
Weight (kg)	30	30	33	33
Model	RE/I 60T	RE/I 84T	RE/I 96T	RE/I 120T
Weight (kg)	49	51	53	58

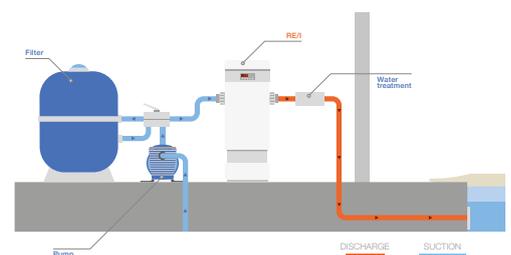


RE/I medium power (RE/I 30 to 48)

RE/I high power (RE/I 60 to 120)

## INSTALLATION

- In-line hydraulic connection with two PVC unions,  $\varnothing$ 63 (RE/I 30 à 48), or two flanges, DN80 (RE/I 60 à 120).
- Supports any flow direction: just turn the flow switch and reverse the control and safety sensors.
- Plan on installing a by-pass if the filter pump flow is greater than 50m<sup>3</sup>



## HEAT EXCHANGERS

## WATERHEAT EVO



Heat exchanger suitable for warming the water temperature of pools and SPAS, thanks to the heat exchange between the primary circuit (warm area) and a secondary one (cold area that we want to warm).

- Titanium housing (secondary, pool water).
- Titanium coil (primary, water for boiler).
- Primary working pressure of 10 bar.
- Secondary working pressure of 3 bar.

## PRODUCT REFERENCES

Model	TIT 105 kW	TIT 140 kW	TIT 210 kW	TIT 300 kW	TIT 450 kW
Reference	WH000604	WH000605	WH000606	WH000607	WH000608

## TECHNICAL FEATURES

Model		TIT 105 kW	TIT 140 kW	TIT 210 kW	TIT 300 kW	TIT 450 kW
Power	90°C	105	140	210	300	450
	60°C	40	60	80	120	210
	45°C	20	3	40	60	100

## HEATING PERFORMANCE

Model		TIT 105 kW	TIT 140 kW	TIT 210 kW	TIT 300 kW	TIT 450 kW
Heater	m <sup>3</sup> /h	6.6	7.0	10.0	11.0	16.0
Heater load loss	bar	0.030	0.040	0.122	0.214	0.470
Heater connection	Inch	G 1 1/2"				
Pool volume	m <sup>3</sup> /h	23	20	25	20	21
Pool head loss	bar	0.293	0.316	0.633	0.596	0.860
Pool connection	Inch	G 1 1/2"				

## DIMENSIONS AND WEIGHT

Model		TIT 105 kW	TIT 140 kW	TIT 210 kW	TIT 300 kW	TIT 450 kW
Dimensions	A (mm)	140				
	B (mm)	170	270	420	670	920
	C (mm)	357	457	607	857	1107
	Ø Dz	102				
Weight	kg	2.2	2.7	3.8	5.3	6.8

Consult your service engineer about the right selection of unit depending on your installation.

Figures for power settings calculated for pool water at 20°C.

Diagram of assembly below the water level:

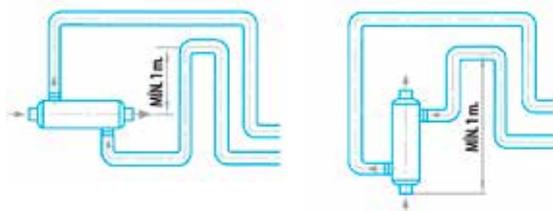
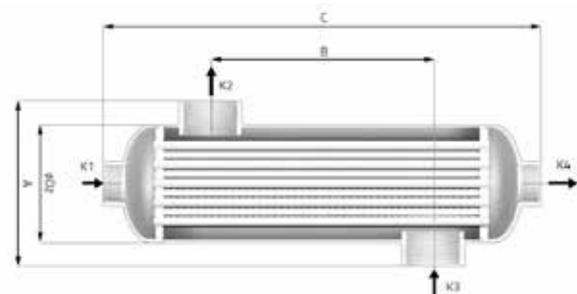


Diagram of assembly below the water level:



## HEAT EXCHANGERS



## ETNA

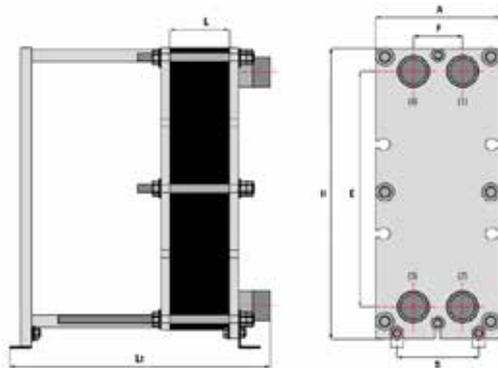


Basic model

- Corrugated plates in AISI-316 or option in Titanium.
- EPDM gaskets.
- Housing in epoxy painted carbon steel.
- In non-equipped heat exchangers, AISI-316 stainless steel connections in ISO G2 direct thread.



ETNA 250 - ETNA 580



## PRODUCT REFERENCES

Model	AISI-316 codes
	Basic model
	Ref.
ETNA-250	32550
ETNA-300	32552
ETNA-350	32553
ETNA-400	33114
ETNA-460	33115
ETNA-500	32554
ETNA-580	33116

## TECHNICAL FEATURES

Model	Code	Power		Num. Plates	Primary circuit			Secondary circuit			Dimensions (mm)					
	AISI-316	KW	(kcal/h)		Flow rate (m³/h)	Head loss (bar)	Connections	Flow rate (m³/h)	Head loss (bar)	Connections	H	A	E	F	Lt	L
ETNA-250	32550	291	250,000	15	12.86	0.3	2 1/2"	12.61	0.3	2 1/2"	745	310	603	124	630	49.5
ETNA-300	32552	349	300,000	17	15.42	0.3	2 1/2"	15.13	0.3	2 1/2"	745	310	603	124	630	56.1
ETNA-350	32553	407	350,000	21	17.98	0.3	2 1/2"	17.64	0.3	2 1/2"	745	310	603	124	630	69.3
ETNA-400	33114	465	400,000	23	20.55	0.3	2 1/2"	20.13	0.3	2 1/2"	745	310	603	124	630	75.9
ETNA-460	33115	535	460,000	27	23.64	0.3	2 1/2"	23.19	0.3	2 1/2"	745	310	603	124	630	89.1
ETNA-500	32554	581	500,000	29	25.67	0.3	2 1/2"	25.18	0.3	2 1/2"	745	310	603	124	630	95.7
ETNA-580	33116	675	580,000	33	29.83	0.3	2 1/2"	29.26	0.3	2 1/2"	745	310	603	124	630	108.9



## HEAT EXCHANGERS

## URANUS Unequipped and Plus



Uranus PLUS



Uranus Unequipped

- + Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
- + High heat exchange
- + Digital regulation

- Appliance completely assembled and wired
- High performance plate exchanger TITANIUM plates
- PRIMARY with adjustable accelerator 2 1/4 turn valves, 1 valve - male thread. Ø 26/34 with Ø 20/22 soldering cartridges
- SECONDARY - PVC Ø 50
- Digital display thermostat
- Flow switch
- Mono 230 V wiring from a mains outlet
- Purge or emptying cap

## PRODUCT REFERENCES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Plus	WJ000002	WJ000004	WJ000006	WJ000008

**3** YEAR  
WARRANTY



**Ti<sup>22</sup>**  
TITANE  
INSIDE



## TECHNICAL FEATURES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240	
Max. pressure (pool circuit)	3 bar / 2 bar				
Max. permitted temperature	90 °C / 40°C				
Connections	PRIMARY Heating (Unequipped model)	Ø20/22		Ø26/28	
	SECONDARY Pool	PVC Ø50			
Flow (M <sup>3</sup> /H)	PRIMARY Heating	1,6	2,1	2,8	6,3
	SECONDARY Pool	2	2,9	4,3	8,7
Load Loss (MMCE)	PRIMARY Heating	1500	1200	1000	2000
	SECONDARY Pool	2400	2300	2500	3800

## HEATING PERFORMANCE

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Power with primary at 90°C (kW)	55	80	120	240
Power with primary at 60°C (kW)	27	38	63	123
Power with primary at 45°C (kW)	15	21	34	68

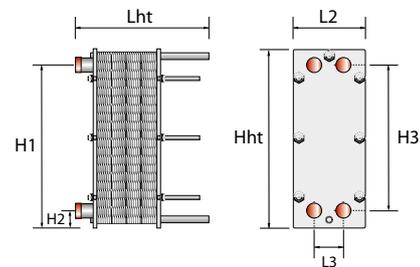
## HEAT EXCHANGERS

## DIMENSIONS (MM) AND WEIGHT

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

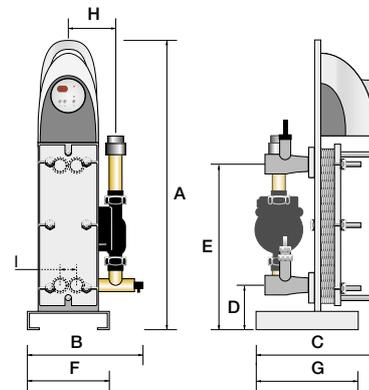
## DIMENSIONS (MM) UNEQUIPPED MODEL

Model	URANUS 35-70-120	URANUS 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357



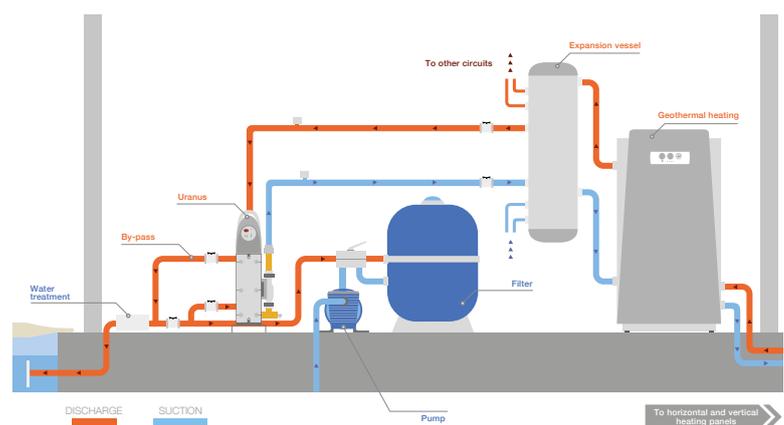
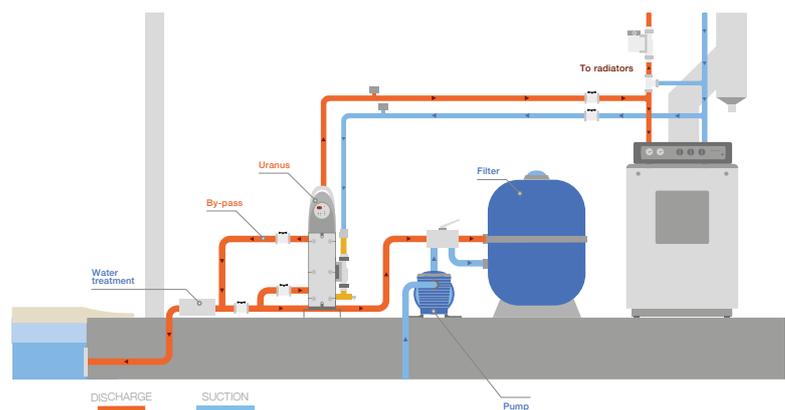
## DIMENSIONS (MM) PLUS MODEL

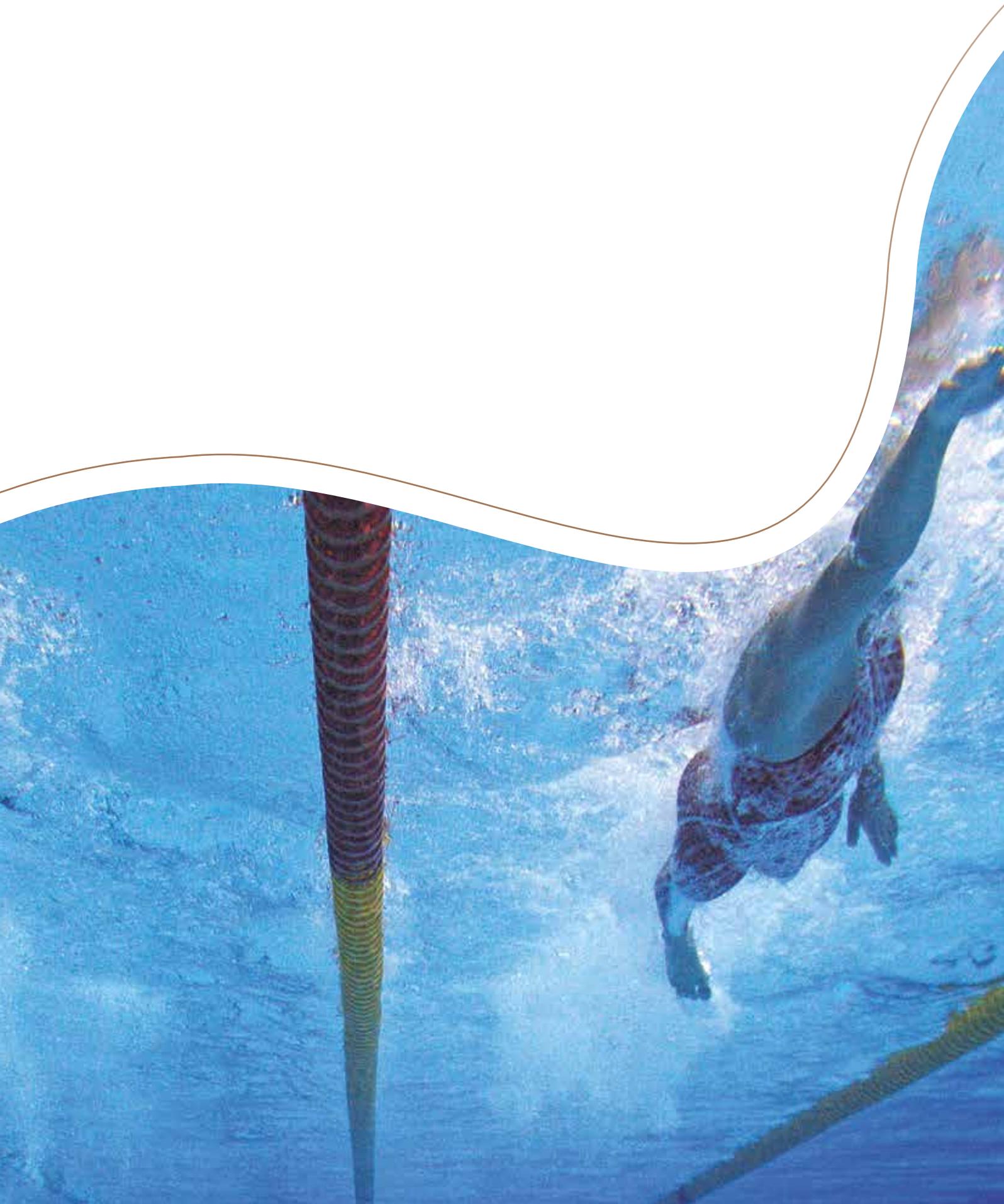
Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60



## INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (plan a by-pass).
- Single-phase electric power supply 230V
- In special cases: exchanger supplied from a geothermal or heat pump.
- The exchanger must be sized taking into account the heating needs of the pool, the specifications of the exchangers with primary at 45°C or 60°C (see specifications table) and the power of the geothermal. For correct operation of the geothermal we recommend installing a buffer tank as shown in the diagram below.





## POOLS

# COMPETITION EQUIPMENT

### 374 COMPETITION POOL SYSTEMS

- 374 Movable BULKHEAD
- 374 SWIMWALL
- 374 Movable FLOOR
- 375 SPARGER System
- 375 Location of the equipment used in competition pools

### 376 SWIMMING POOL COMPETITION PODIUMS

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### 383 LANE ROPES

- 383 Sydney model
- 383 BCN03 model
- 383 Roma model
- 383 Moscow model

### 384 FLOATS

- 384 Sydney model
- 384 BCN03 model
- 384 Moscow model
- 384 Lane Saver Caddy

### 385 LANE ROPE STORAGE EQUIPMENT

- 385 Lane rope storage basket
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### 386 LANE ROPE ACCESSORIES

### 388 SIGNAGE

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### 389 TURNING PANELS

- 389 Turning panels
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### 390 ANCHORAGE FOR COMPETITION EQUIPMENT

- 390 Horizontal flange anchoring sockets
- 390 Angled flange anchoring socket
- 391 Anchoring socket with locking bolts

### 392 WATER POLO EQUIPMENT

- 392 Water Polo Field for Competition
- 393 Water Polo Field for Training
- 394 Water Polo Accessories

COMPETITION POOL SYSTEMS

The movable bulkhead, Swimwall and movable floor technologies developed by Fluidra multiplies a pool's possibilities, as it divides it into different spaces and makes different sizes, depths and possible uses. This increases the profitability of the available space and saves, on the construction costs involved in building different aquatic facilities.



MOVABLE BULKHEAD

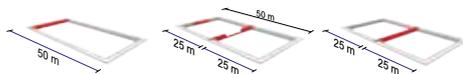


A **Movable Bulkhead** is a vertical underwater structure able to move lengthwise across a pool floor building a physical barrier, to make the most of the space in a pool as it divides it into areas for different uses.

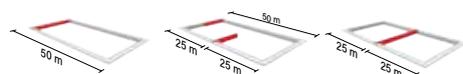
STANDARD MODEL



MEDITERRANEAN MODEL



SPLIT MODEL



**Benefits:**

- Easily integrable solution
- World Aquatics Compliant
- Quick installation
- Added value for businesses
- Easy to use
- Durable
- Low maintenance



World Aquatics

SWIMWALL



The **Swimwall** is installed at a fixed point on the pool floor where the pool is divided into two parts. In rest position, when the wall is not in use, the wall is completely flat in a recess on the pool floor. In a newly built swimming pool, the wall is integrated in a structural recess, so that the wall is not visible in its resting position.



**Benefits:**

- Easily integrable solution
- Quick installation
- Added value for businesses
- Easy to use
- Durable
- Low maintenance

MOVABLE FLOOR



A **Movable Floor** makes possible the use of a single swimming pool to stage several activities at the same time that require various depths of water. The system is based on a mobile platform submerged in the water that changes the height of the pool shell, which enables a number of areas of varying depths to be created according to needs. In addition, the movable pool floor can be used to partially or totally cover a pool, which means greater energy savings and safety.



**Benefits:**

- Easily integrable solution
- Quick installation
- Added value for businesses
- Easy to use
- Durable
- Hygienic
- Reliable
- Low maintenance

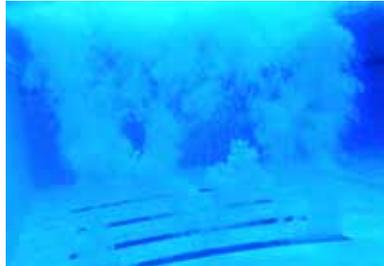
## COMPETITION POOL SYSTEMS

## SPARGER SYSTEM

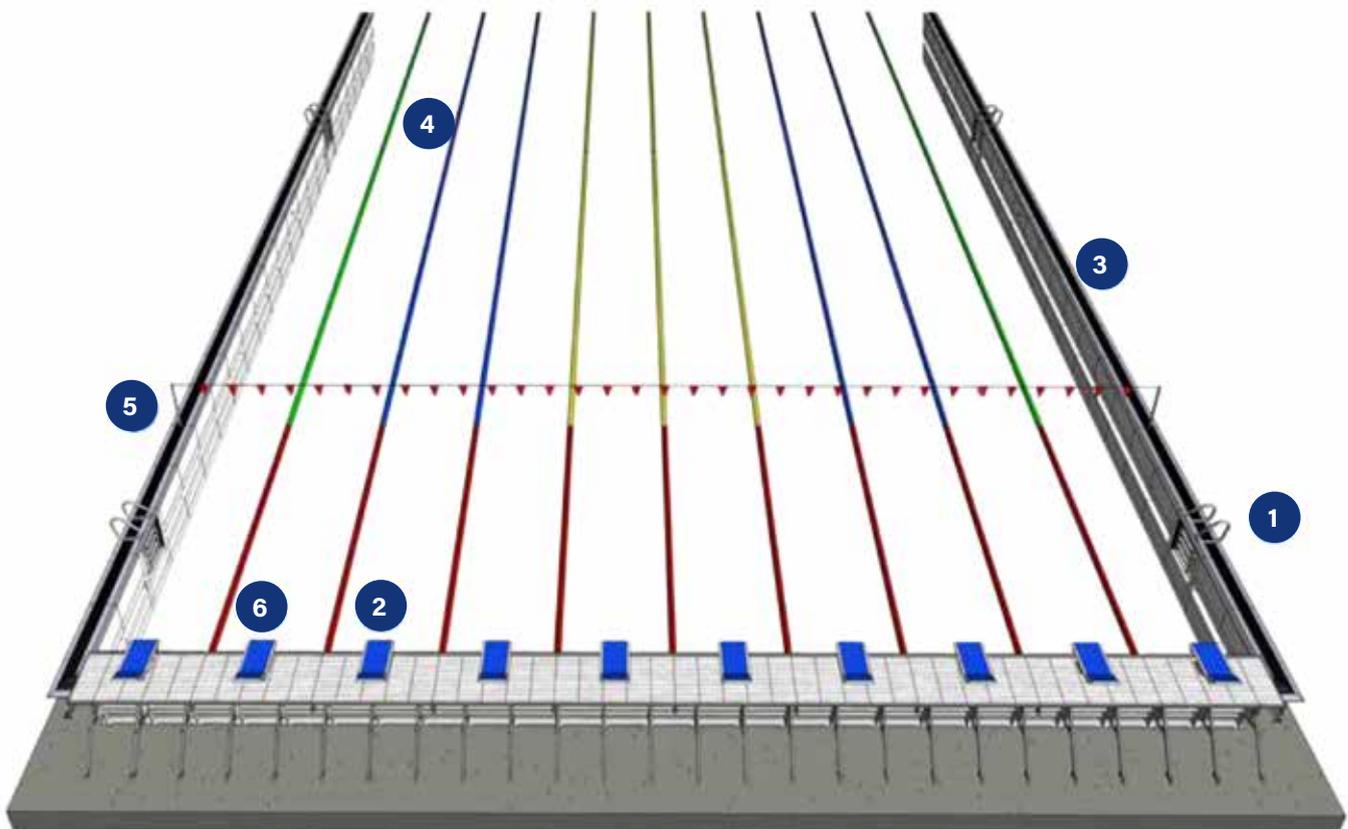
ASTRALPOOL 

When diving off a diving board, the undisturbed water forms a fairly resistant surface, which if combined with a bad descent can result in serious injury on impact.

AstralPool has added **Sparger technology** to its pools in the shape of a new safety system for diving pools. Air is released at high pressure from the pool floor, which forms a large amount of bubbles when it mixes with the water to form a cushion for divers. This reduces the risk of injury and divers are more confident when they dive into the water, whether they are beginners or professionals.



## LOCATION OF THE EQUIPMENT used in competition pools

ASTRALPOOL 

- |                              |   |
|------------------------------|---|
| ① Ladder                     | ④ Float lines                           |
| ② Starting block             | ⑤ Backstroke flags                      |
| ③ Gratings for pool overflow | ⑥ Headwall for Podiums / Turning Panels |

SWIMMING POOL COMPETITION PODIUMS

## COMPETITION STARTING BLOCK



Specially designed for competition events. Available with adjustable footrest to facilitate entry into the water. Its minimalist design in high quality materials gives it an elegant and modern look.

Manufactured in AISI-316 stainless steel. Polished surface finish. Adjustable support (6 positions). Fastening 54460 not included in supply.



Complies with Standard EN 13451-4



World Aquatics

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Starting block	53875	1	83	0.55

Technical drawing details: Side view shows a height of 700 mm, a top width of 791 mm, and a footrest length of 700 mm. The footrest is adjustable with 6 positions (330-580 mm) and a 35-degree angle. Other dimensions include 400 mm, 94 mm, 7 mm, 473 mm, 649 mm, and 490 mm. Front view shows a width of 490 mm. Top view shows a width of 161 mm, a depth of 100 mm, a hole diameter of 250 mm, and a distance of 414 mm. Another top view shows a width of 611 mm and a depth of 500 mm.

## COMPETITION STARTING BLOCK



Specially designed for competition. It has adjustable support of 6 positions to facilitate the exit to the swimmer. Made of AISI-316 stainless steel and with a height of 700 mm to avoid having to install headwall for podiums in the pool. Installation with anchor 73971 not included in supply.



Complies with Standard EN 13451-4

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Starting block	74011	1	92	1.062

Technical drawing details: Side view shows a height of 700 mm. Front view shows a height of 949 mm and a width of 490 mm. Another front view shows a height of 373 mm. Top view shows a diameter of Ø350 mm, a width of 500 mm, and a depth of 611 mm.

SWIMMING POOL COMPETITION PODIUMS

STARTING BLOCKS

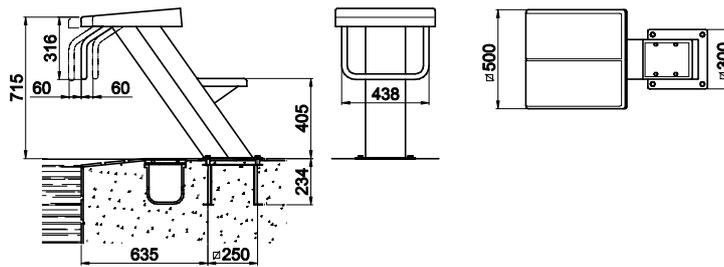


Base in S.S. AISI-316. Adjustable platform in polyester & fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included. Plate anchoring for starting block in AISI-316 code 54461 not included.

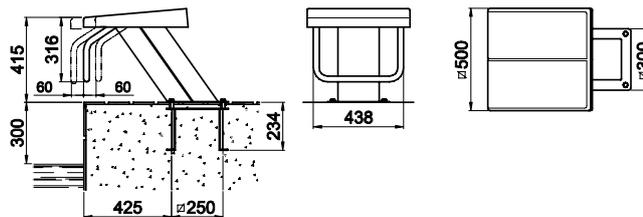
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>POLISHED FINISH:</b>				
Height 700 mm	00144	1	32.0	0.36
Height 400 mm	00145	1	25.3	0.18



00144



00145



STARTING BLOCKS



Made in S.S. AISI-304. Platform in Polyester and fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>POLISHED FINISH:</b>				
Height 700 mm	00146	1	25.0	0.48
Height 400 mm	27578	1	18.0	0.11

Note: The starting block with code number 00146 may be made to order to adapt to the position of the overflow channels.

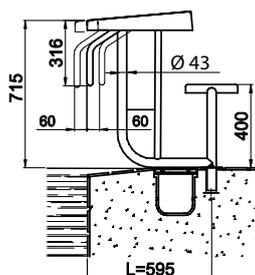
In such cases, the measurement for L must be provided.

Notes:

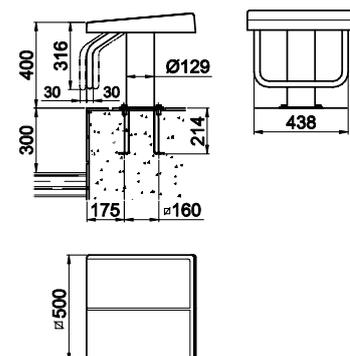
Code 00146: Fastener (code 00143), not included.

Code 27578: Fastener (code 54462), not included.

00146



27578



SWIMMING POOL COMPETITION PODIUMS

PODIUM ANCHORAGE IN CONCRETE



Anchoring for installation of the podiums in concrete, made in Stainless Steel AISI-304/316, composed by inground base, bolts and washers, with connection to the equipotential circuit.



54460



54461



54462



73971

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Made in AISI-316</b>				
Competition podium anchorage	54460	1	2.4	0.02
Podium anchorage	54461	1	3.5	0.02
Competition podium anchorage	73971	1	4.9	0.05
<b>Made in AISI-304</b>				
Podium anchorage	54462	1	2.4	0.02

Fastening 54460: For podiums codes 53875

Fastening 54461: For podiums codes 00144 - 00145

Fastening 54462: For podium code 27578

Fastening 73971: For podium code 74011



Height 80 mm

Height 100 mm

STARTING BLOCKS NUMBERS



4 units of each supplied.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Height 80 mm</b>				
(For starting blocks 00146 - 27578 - 27836)				
For starting blocks from 1 to 6	28616	-	-	-
For starting blocks from 1 to 10	28617	-	-	-
<b>Height 100 mm</b>				
(For starting blocks 00144 - 00145 - 53875)				
For starting blocks from 1 to 6	34200	-	-	-
For starting blocks from 1 to 10	34201	-	-	-

SWIMMING POOL COMPETITION PODIUMS

VELOCITY ADVANTAGE Starting block



Velocity Advantage starting blocks feature strong fiberglass footboards with track start wedge on an HDPE composite base, particularly suitable for bulkheads.

- The marine grade HDPE composite base easily mounts to pool decks or bulkheads with minimal drilling.
- 41cm height makes it well suited for bulkheads and end walls with 20 cm to 42 cm deck to water heights.
- The 71cm x 81cm footboard surface is available with TrueTread® or sand tread.
- Track start wedge, adjustable to 5 positions, easily tucks under the footboard.
- Three built in backstroke handholds – two center positions and one on each side.
- Colorado & Daktronics timing system compatible.
- Custom colors and logos available on sand tread footboards.
- Meets World Aquatics, NCAA, NFSHSA\*, USMS and USAS competition pool rules and regulations.



TrueTread available colors:



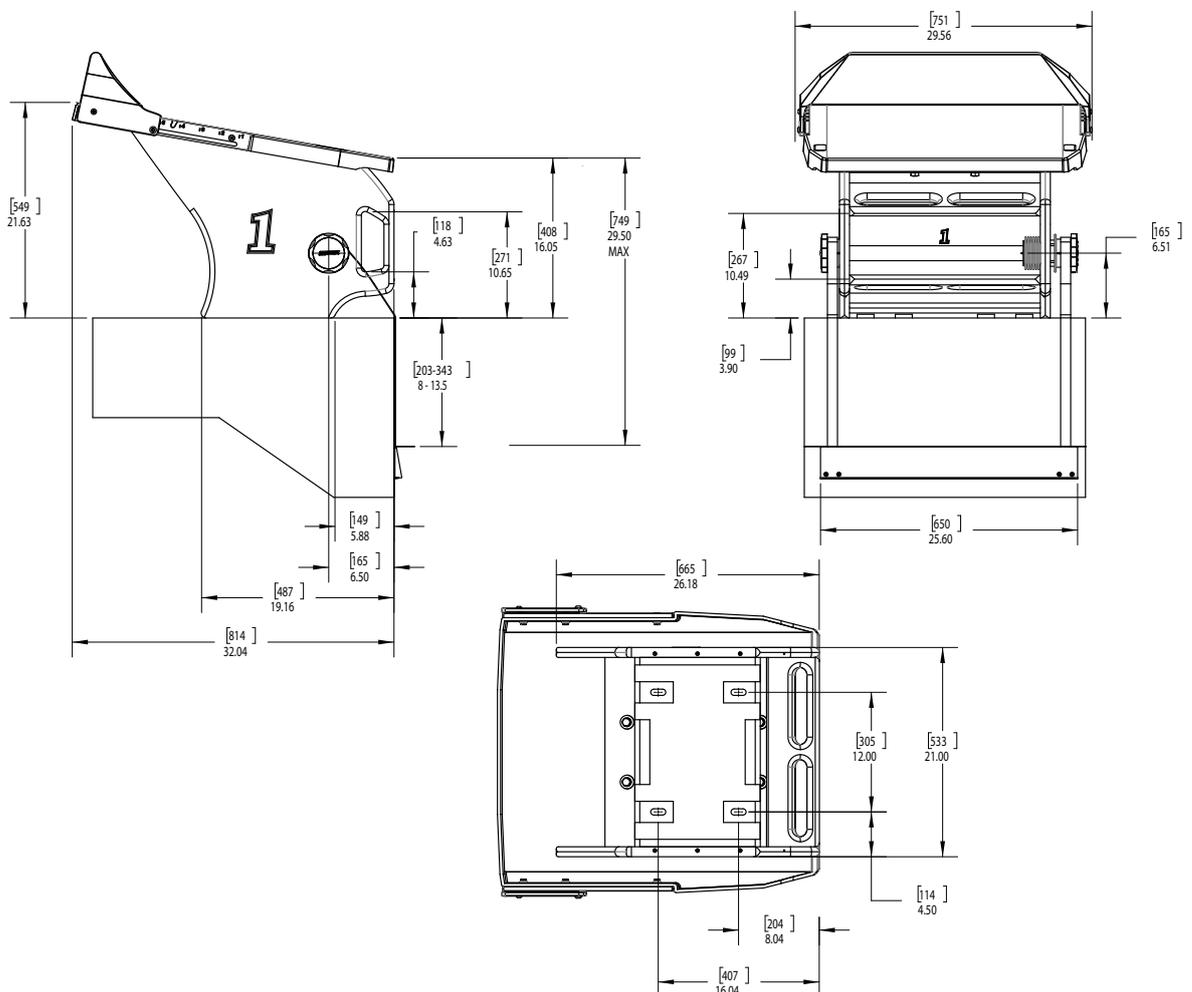
GRAY BLUE RED YELLOW



Sand Tread available colors:

- White, Red, Blue, Green and Yellow.
- Personalize the foot board with your logo. Logo can be only be applied to white Sand Tread.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Velocity Advantage with TrueTread™	VELO-ADV-BK-T	1	53	-
Velocity Advantage with Sand tread	VELO-ADV-BK-S	1	53	-
Anchor kit, velocity advantage.	27-111	1	53	-



SWIMMING POOL COMPETITION PODIUMS

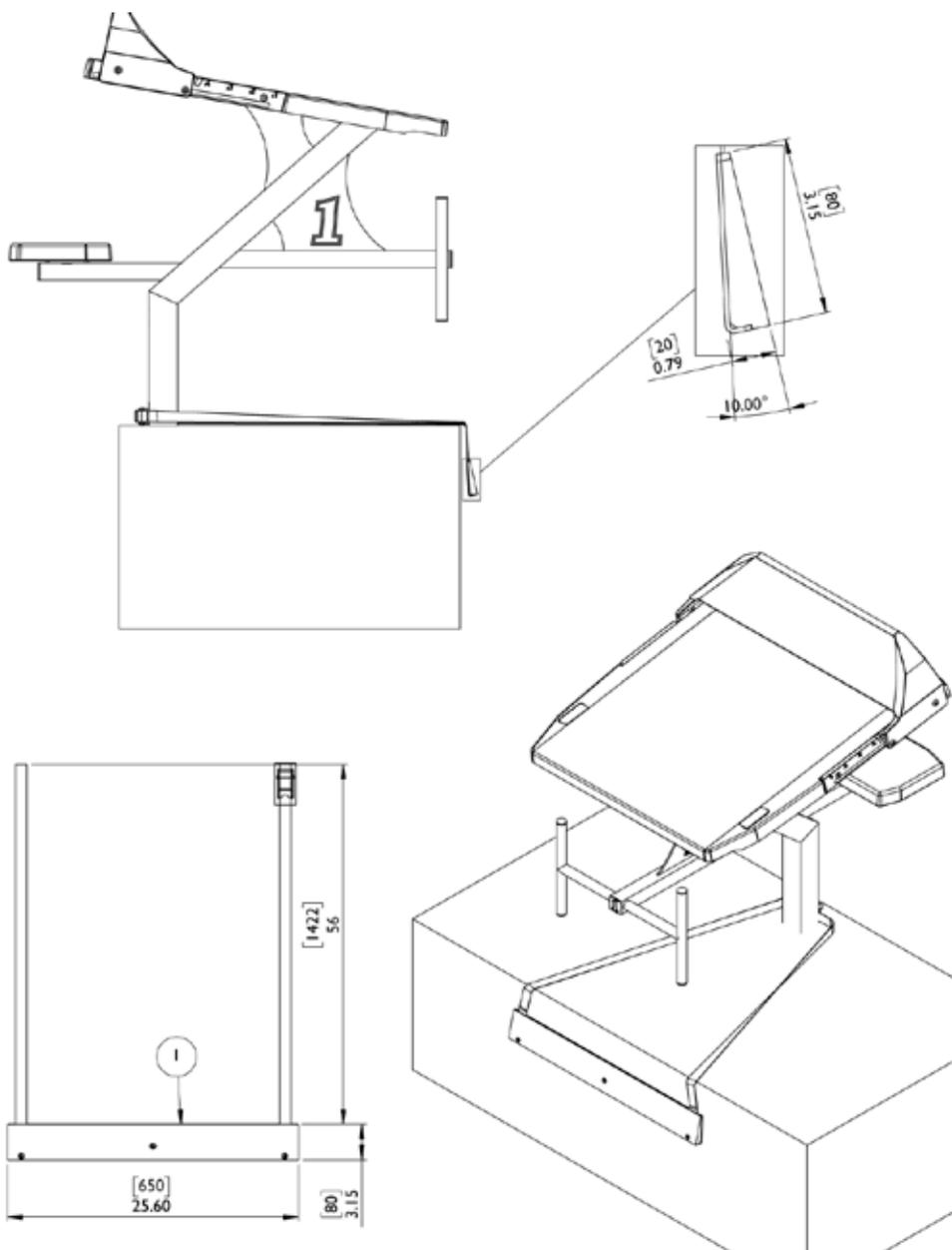


# BACKSTROKE START TRAINING device



- Anti-slip backstroke ledge with raised diamond pattern.
- Two 5-foot polyester straps with stainless steel cam buckle to secure and adjust height.
- Works with a wide variety of starting platforms.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Backstroke start training device	03-650T	1	1.4	-



**SWIMMING POOL COMPETITION PODIUMS**

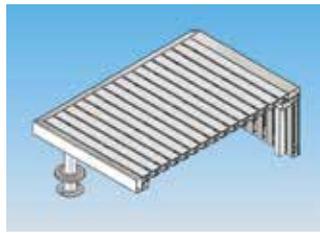


# HEADWALL FOR PODIUMS

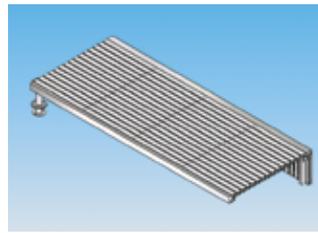
AstralPool has created a headwall that allows starting blocks to be attached. This addition extends our range of products for competition. The item consists of an AISI-304 Stainless Steel structure and plastic grating. The platform can also be used as a turning panel and includes anchors for float lines.



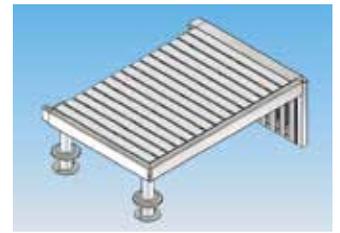
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Headwall, lane width 2 m	34213	1	-	-
Headwall, lane width 2.5 m	34214	1	-	-
Headwall, right corner	34215	1	-	-
Headwall, left corner	34216	1	-	-



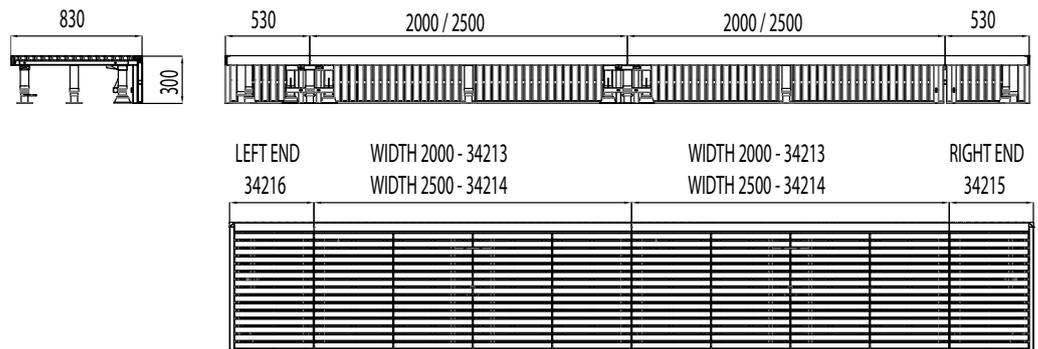
34216



34213 - 2 m  
34214 - 2.5 m



34215



SWIMMING POOL COMPETITION PODIUMS



# BACKSTROKE START SYSTEM



Designed to help make backstroke starts faster and reduce the chance for slipping, the Backstroke Start System provides the option to easily add this capability to virtually any pool deck or starting platform configuration..

- Anti-slip backstroke ledge with raised diamond pattern.
- Easily adjustable ledge height with one-handed operation from in or out of pool.
- Spool end marked with millimeter increments (-40, -20, 0, 20, 40).
- Durable HDPE frame to protect from harsh elements at either indoor or outdoor locations.
- Three unique mounting options to secure device to most deck and block configurations.
- Clear markings on spool to show height of ledge to water level for compliance.
- World Aquatics compliant for competition.



World Aquatics

3 mounting options:



**ANCHOR MOUNTING KIT**

Plastic anchor with grounding bolt fastened with plastic-headed stainless steel thumb screws



**BRACKET MOUNTING KIT**

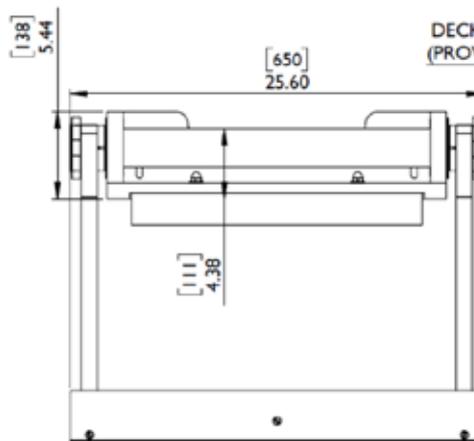
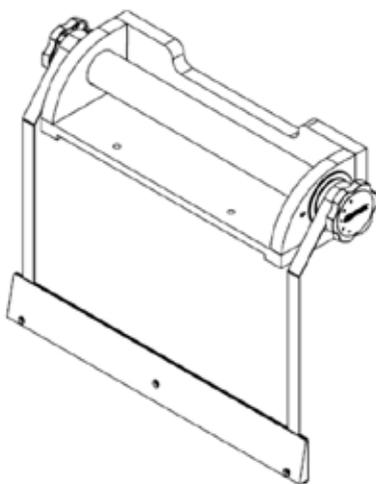
Vinyl-coated 1/4" thick stainless steel bracket with 10 foot long polyester strap and stainless steel cam buckle



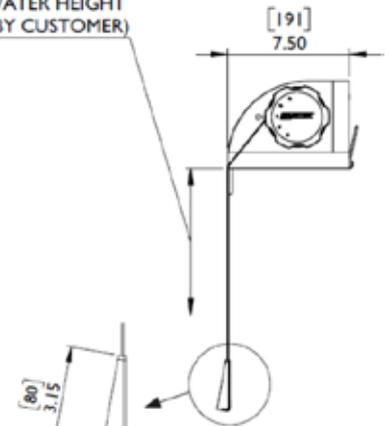
**SQUARE POST-MOUNTING KIT**

Vinyl-coated 1/4" thick stainless steel plate and two brackets shaped to lock onto 2 inch square single post frames

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Backstroke start system base unit	BSS1000	1	11	-
Anchor Mounting Kit	13-600	1	2.3	-
Bracket Mounting Kit	13-601	1	3.2	-
Square Post-Mounting Kit	13-603	1	4.6	-



DECK-TO-WATER HEIGHT (PROVIDED BY CUSTOMER)



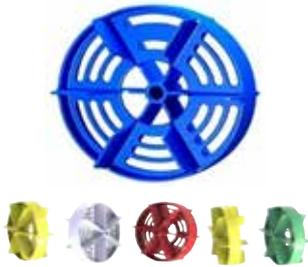
DETAIL A

LANE ROPES

SYDNEY MODEL



Range comprising lane ropes with an external Ø of 148 mm fully compliant with World Aquatics competition regulations. Supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468).



It is possible to supply any length, colour combination and rope.



World Aquatics

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>12.5 m*</b>				
White colour	67607	1	-	-
<b>16.5 m*</b>				
White colour	67608	1	-	-
<b>25 m</b>				
Red - White colour	67609	1	-	-
Red - Green colour	67612	1	-	-
Red - Blue colour	67613	1	-	-
Red - Yellow colour	67614	1	-	-
<b>33 m*</b>				
Red - White colour	67610	1	-	-
<b>50 m</b>				
Red - White colour	67611	1	-	-
Red - Green colour	67615	1	-	-
Red - Blue colour	67616	1	-	-
Red - Yellow colour	67617	1	-	-

\* Available in other colours (blue, green, yellow)

BCN03 MODEL



Developed and patented by AstralPool it obtains maximum absorption of the waves created by swimmers, It reduces waves in inner competition lanes by 80%. (up to 50% less waves than conventional ones). Lane ropes supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468). Floats with interior turbines with an external Ø of 148 mm in accordance with World Aquatics international swimming federation regulations.



It is possible to supply any length, colour combination and rope.



World Aquatics

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>25 m</b>				
Red - White colour	67599	1	-	-
Red - Green colour	67601	1	-	-
Red - Blue colour	67602	1	-	-
Red - Yellow colour	67603	1	-	-
<b>50 m</b>				
Red - White colour	67600	1	-	-
Red - Green colour	67604	1	-	-
Red - Blue colour	67605	1	-	-
Red - Yellow colour	67606	1	-	-

ROMA MODEL



Supplied assembled with floats, 7 mm polyester rope (code 00210), tightener (00209) and hook (00207).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
12.5 m White colour	67618	1	-	-
16.5 m White colour	67619	1	-	-
25 m Orange - White	67620	1	-	-
33 m Orange - White	67621	1	-	-
50 m Orange - White	67622	1	-	-

\* Available in other colours (Blue, Green, Red)

MOSCOW MODEL



Supplied assembled with floats, 7 mm polyester rope (code 00210), tightener (00209) and hook (00207).



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
12.5 m White colour	67623	1	-	-
16.5 m White colour	67624	1	-	-
25 m Orange - White	67625	1	-	-
33 m Orange - White	67626	1	-	-
50 m Orange - White	67627	1	-	-

\* Available in other colours (Blue, Green, Red)

FLOATS



SYDNEY MODEL



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Colour</b>				
White	54032	-	-	-
Yellow	54031	-	-	-
Blue	54028	-	-	-
Red	54029	-	-	-
Green	54030	-	-	-



BCN03 MODEL



Supplied with inner turbine mechanism.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Colour</b>				
White	28204	-	-	-
Green	28425	-	-	-
Blue	28423	-	-	-
Red	28424	-	-	-

MOSCOW MODEL



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Moscow propeller:</b>				
<b>Colour</b>				
White	00161	-	-	-
Orange	00162	-	-	-
Blue	00163	-	-	-
Red	00164	-	-	-



<b>Roma floaters:</b>				
<b>Colour</b>				
White	00149	-	-	-
Orange	00150	-	-	-
Blue	00151	-	-	-
Red	00152	-	-	-

LANE SAVER CADDY



The lane saver caddy fits over the edge of the pool deck, protecting the lane lines from damage as they are removed from the pool.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lane Saver Caddy	30-61-1014	-	-	-

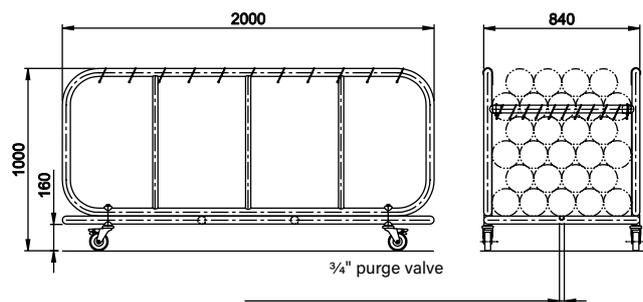
LANE ROPE STORAGE EQUIPMENT

LANE ROPE STORAGE BASKET



A new trolley designed to transport and store the Lane ropes after use in the swimming pool. The BCN03 lane rope storage basket is manufactured of AISI-316 Stainless Steel and includes a PVC bag for collecting excess water from the float lines. Due to the bag's bottom outlets, it is emptied in a controlled manner with no water spillage. The trolley has four castor wheels for maximum mobility. Two of these fitted with brakes. It can store a lane rope up to 50 m long (or 2 of 25) and can be used for all lane rope models.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	28623	1	55.0	0.389



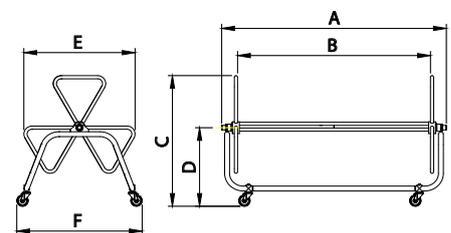
LANE ROPE ROLLER



Made in Stainless Steel AISI-304, fitted with a large wheel for operation. It is mounted on 4 castor wheels for easy handling. Two of these are fitted with brakes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Width 1.2 m	58860	1	27	0.31
Width 1.8 m	58859	1	32	0.45

Model	1.2 m			1.8 m		
	25 m	33 m	50 m	25 m	33 m	50 m
ROMA	8	6	4	12	9	6
SIDNEY	2	1	1	3	2	1
MOSCOW	4	2	2	6	3	3



TECHNICAL FEATURES						
Code	A	B	C	D	E	F
58860	1415	1125	1165	690	970	1085
58859	2015	1725				

LANE ROPE ACCESSORIES

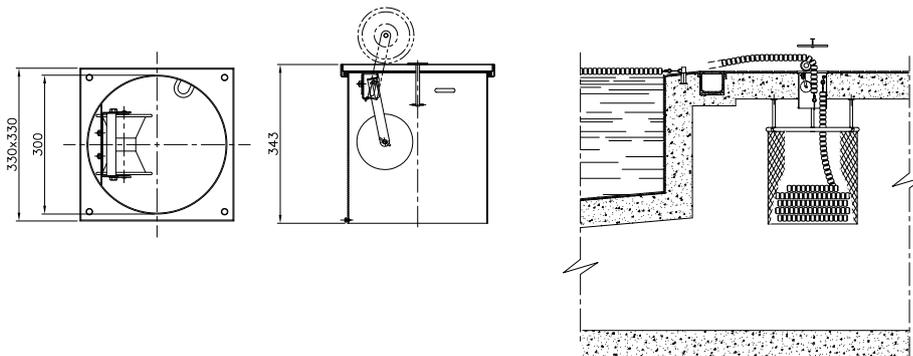


UNDER DECK lane rope storage system

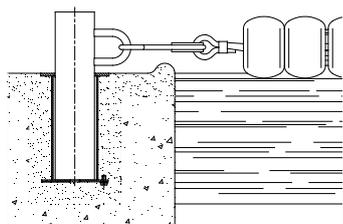


Made of AISI-316, allows the storage of the float lines beneath the deck. The float line box is embedded in the pool surround and holds the retractable reel over which the float line slides into the hole. This unit can be complemented with a lane rope collecting bag if required.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
15842	1	12.8	0.08

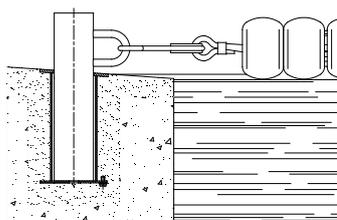


Zurich/Wiesbaden type installation diagram



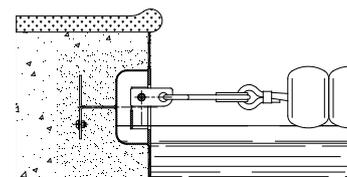
Anchor Lane rope support code 00141 code 00140

Finnish type installation diagram



Anchor Lane rope support code 00142 code 00140

Standard type Installation diagram



Anchoring cup code 09206 code 09207 code 00205 code 00206

LANE ROPE ANCHOR



Made in AISI-316 stainless steel. To use with anchoring fixture 00141 and 00142.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00140	1	0.63	0.003

CONCRETE anchoring cup with central rod



Made in AISI-316 stainless steel.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
09206	1	0.4	0.001

CONCRETE anchoring cup with central rod



Made in AISI-316 stainless steel.



Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
09207	1	0.5	0.001

For prefabricated pools with flange, gasket and screws

LANE ROPE ACCESSORIES



RETRACTABLE ANCHORING CUP



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For concrete pool with a retractable hook	00205	1	0.46	0.001



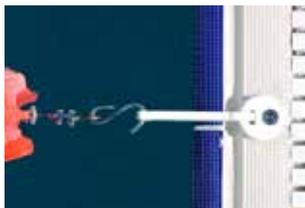
RETRACTABLE ANCHORING CUP



Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For prefabricated pools with retractable hook, flange, gaskets and screws	00206	1	0.6	0.001

LANE ROPE ANCHORE FOR OVERFLOW POOLS



- Low profile lane line anchor for use on pools with overflow gutters
- Helps keep lane lines on the surface for better wave quelling
- Marine-grade, 316 stainless steel that's vinyl coated for extra protection
- 140mm and 200mm lengths
- ChemSet anchor kit included
- Specifications: Coated stainless steel

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lane Line Anchor for Overflow Pools 140mm	17-61-140S	-	-	-
Lane Line Anchor for Overflow Pools 200mm	17-61-200S	-	-	-



LANE ROPE RATCHET



Chrome plated brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	00208	1	0.97	0.002



LANE ROPE RATCHET



AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
	00209	1	0.2	0.001

LANE ROPE ACCESSORIES

LANE ROPE SPRING



AISI-304 stainless steel with cable fastener.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
01468	1	0.62	0.002

LANE ROPE HOOK



Stainless Steel AISI-304.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00207	1	5	0.01

CORDS AND CABLES



Code	Standard Pack in m	Standard weight in kg	Standard volume in m <sup>3</sup>
00210	-	-	-
00211	-	-	-
28808	-	-	-

Ø 7 mm polyester rope  
 AISI-316 Stainless steel cable  
 Ø 4 x 6 mm with plastic coating DIN 3055  
 AISI-316 Stainless steel cable  
 Ø 6 mm without plastic coating

SIGNAGE

FALSE START INDICATORS



Please indicate pool width when placing your order.

Comprises 2 posts in AISI-316 S.S. (one with pully and quick release cord). Height 1.8 m. Anchoring socket not included.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
------	---------------	-----------------------	-----------------------------------

**False start posts:**

- Pool width up to 21 m  
 Ø 43 mm pipe for use with anchoring sockets 00141 and 00142  
 - Pool width over 21 m  
 Ø 48 mm pipe for use with anchoring sockets 19960 and 19961

19950	1	5.6	0.01
19951	1	9.4	0.01

**False start floats:**

Polyester cord and floats

19954	1	-	-
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NOTE:  
 Pool dimensions should be stated when placing the order.



World Aquatics

SIGNAGE

## BACKSTROKE TURN INDICATORS



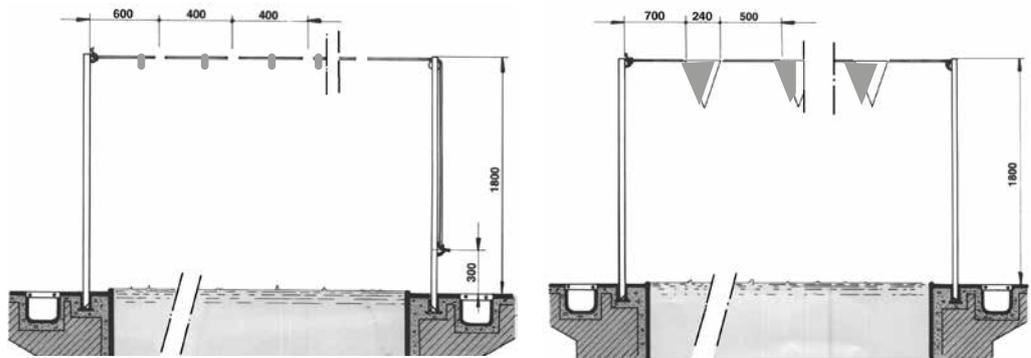
Please indicate pool width when placing your order.  
Comprises 4 posts in AISI-316 stainless steel. Height 1.8 m. Anchoring sockets not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Backstroke turn indicator posts</b>				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19952	1	11.2	0.03
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19953	1	20.0	0.03
<b>Backstroke turn indicator bunting</b>				
2 units	19955	1	-	-

NOTE:  
Pool dimensions should be stated when placing the order.



World Aquatics



TURNING PANELS

## TURNING PANELS



In AISI-316 stainless steel with plastic lattice screen. Height 300 mm. Fixing support (00139) is not included

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Lane width 2 m	00137	1	13.6	0.040
Lane width 2.5 m	00138	1	16.5	0.051

NOTE:  
Pool dimensions should be stated when placing the order.



Complies with Standards  
EN 13451-1  
EN 13451-6

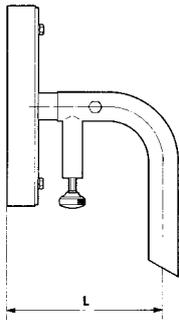
**TURNING PANELS**

**BRACKET**

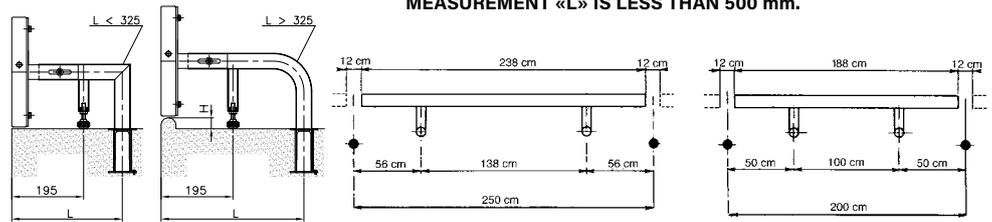


AISI-316 stainless steel ((for coupling to 00141 and 00142 fasteners, not included). State H and L dimensions and type of overflow channel when placing an order. A minimum of two units are required for each turning panel.

Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00139	1	4.0	0.054

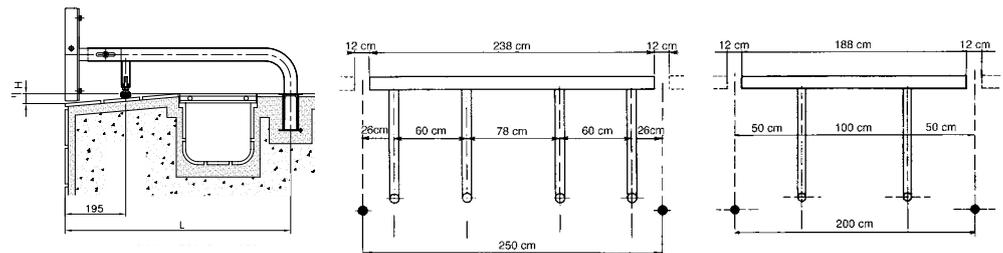


**ANCHORING DETAILS WHEN MEASUREMENT «L» IS LESS THAN 500 mm.**



Complies with Standards  
EN 13451-1  
EN 13451-6

**ANCHORING DETAILS WHEN MEASUREMENT «L» IS OVER 500 mm.**



**ANCHORAGE FOR COMPETITION EQUIPMENT**

**HORIZONTAL** flange anchoring sockets



Zurich-Wiesbaden. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For Ø 43 mm pipe	00141	1	1.17	0.002
For Ø 48 mm pipe	19960	1	1.3	0.002

**ANGLED** flange anchoring socket



Finnish. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
For Ø 43 mm pipe	00142	1	1.13	0.002
For Ø 48 mm pipe	19961	1	1.26	0.002

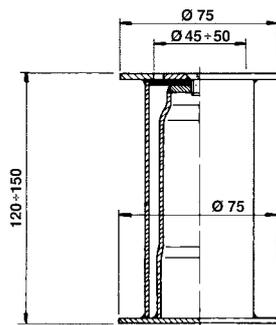
**ANCHORAGE FOR COMPETITION EQUIPMENT**

**ANCHORING** socket with locking bolts

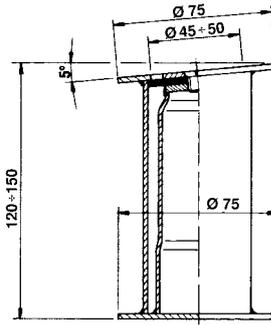


With bolts. In S.S. AISI-316.

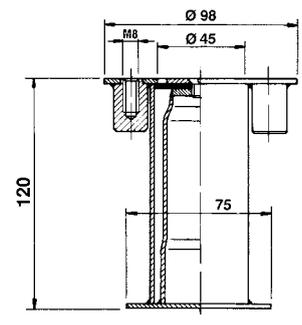
Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
00143	1	1.47	0.003



Code 00141  
Code 19960



Code 00142  
Code 19961



Code 00143

WATER POLO EQUIPMENT

WATER POLO FIELD FOR COMPETITION - MOSCOW LANE ROPES



## REAR TRANSVERSAL MOSCOW



White/white including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Moscow 11 m lanes</b>				
<b>ø 100 mm</b>	77450	4	40	1,0
<b>Pool Size 33 x 25 m. Moscow 11 m lanes</b>				
<b>ø 100 mm</b>	77458	4	40	1,0
<b>Pool Size 25x16 m. Moscow 7 m lanes</b>				
<b>ø 100 mm</b>	77466	4	30	0,7



## FRONT TRANSVERSAL MOSCOW



White/red color including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Moscow 11 m lanes</b>				
<b>ø 100 mm</b>	77451	4	40	1,0
<b>Pool Size 33 x 25 m. Moscow 11 m lanes</b>				
<b>ø 100 mm</b>	77459	4	40	1,0
<b>Pool Size 25x16 m. Moscow 7 m lanes</b>				
<b>ø 100 mm</b>	77467	4	30	0,7



## LONGITUDINAL MOSCOW female field



Longitudinal Moscow female field lane. Special tensor and spring included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Moscow 50 m lanes</b>				
<b>ø 100 mm</b>	77452	2	100	1,2
<b>Pool Size 33 x 25 m. Moscow 33 m lanes</b>				
<b>ø 100 mm</b>	77460	2	65	1,2
<b>Pool Size 25x16 m. Moscow 25 m lanes</b>				
<b>ø 100 mm</b>	77468	2	45	1,2



## LONGITUDINAL MOSCOW male field



Longitudinal Moscow male field lane. Special tensor and spring included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Moscow cable 50x25 m. 50 m lanes</b>				
<b>ø 100 mm</b>	77453	2	100	1,2
<b>Moscow cable 33x25 m. 33 m lanes</b>				
<b>ø 100 mm</b>	77461	2	65	1,2
<b>Moscow cable 25x16 m. 25 m lanes</b>				
<b>ø 100 mm</b>	77469	2	45	1,2

WATER POLO EQUIPMENT

WATER POLO FIELD FOR TRAINING - ROMA LANE ROPES



## REAR TRANSVERSAL ROMA



White/white including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Roma 11 m lanes</b>				
ø 80 mm	77454	4	34	0,5
<b>Pool Size 33 x 25 m. Roma 11 m lanes</b>				
ø 80 mm	77462	4	34	0,5
<b>Pool Size 25x16 m. Roma 7 m lanes</b>				
ø 80 mm	77470	4	24	0,4



## FRONT TRANSVERSAL ROMA



White/red color including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Roma 11 m lanes</b>				
ø 80 mm	77455	4	34	0,5
<b>Pool Size 33 x 25 m. Roma 11 m lanes</b>				
ø 80 mm	77463	4	34	0,5
<b>Pool Size 25x16 m. Roma 7 m lanes</b>				
ø 80 mm	77471	4	24	0,4



## LONGITUDINAL ROMA female field



Longitudinal Roma female field lane. Special tensor and spring included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50 x 25 m. Roma 50 m lanes</b>				
ø 80 mm	77456	2	80	0,6
<b>Pool Size 33 x 25 m. Roma 33 m lanes</b>				
ø 80 mm	77464	2	50	0,6
<b>Pool Size 25x16 m. Roma 25 m lanes</b>				
ø 80 mm	77472	2	40	1,0



## LONGITUDINAL ROMA male field



Longitudinal Roma male field lane. Special tensor and spring included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
<b>Pool Size 50x25 m. Roma 50 m lanes</b>				
ø 80 mm	77457	2	80	0,6
<b>Pool Size 33 x 25m. Roma 33 m lanes</b>				
ø 80 mm	77465	2	50	0,6
<b>Pool Size 25x16 m. Roma 25 m lanes</b>				
ø 80 mm	77473	2	40	1,0

WATER POLO EQUIPMENT

WATER POLO ACCESSORIES



World Aquatics

WATER POLO GOALS - COMPETITION



Set of two Water Polo official goals according to World Aquatics (including nets). 300 x 90 cm interior.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Set of 2 Water Polo goals	69654P	1	120	-

WATER POLO GOALS - TRAINING



Set of two Water Polo goals (including nets).



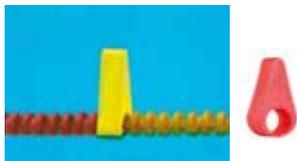
	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Set of 2 Water Polo goals (180 x 90 x 100cm)	77474	1	30	-
Set of 2 Water Polo goals (250 x 90 x 100cm)	77475	1	40	-



SPRING COVER PROTECTION



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Spring Cover Protection (12cm x 10 cm diameter)	76552	1	0,3	-



SET OF 18 FOAM CONES for WP Field



2 White, 4 yellow, 12 red.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Set of 18 foam cones	76553	1	4	-



CENTRAL SERVICE COMPETITION



Including 25 m rope.

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Central Service for Competition	71445	1	3	-

WATER POLO EQUIPMENT

WATER POLO ACCESSORIES



EYE LET



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Eye let	75882	2	3	-



WATERPOLO FLAG SET



8 units (2 RED, 2 GREEN, 2 WHITE, 2 YELLOW).

	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Set of Water Polo flags	75883	8	3	-



NON-SLIP FLOOR REFEREE PLATFORM



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Non-slip floor (10 meter x 100cm wide)	77476	1	40	-



REFEREES CATWALK AND STORAGE CART



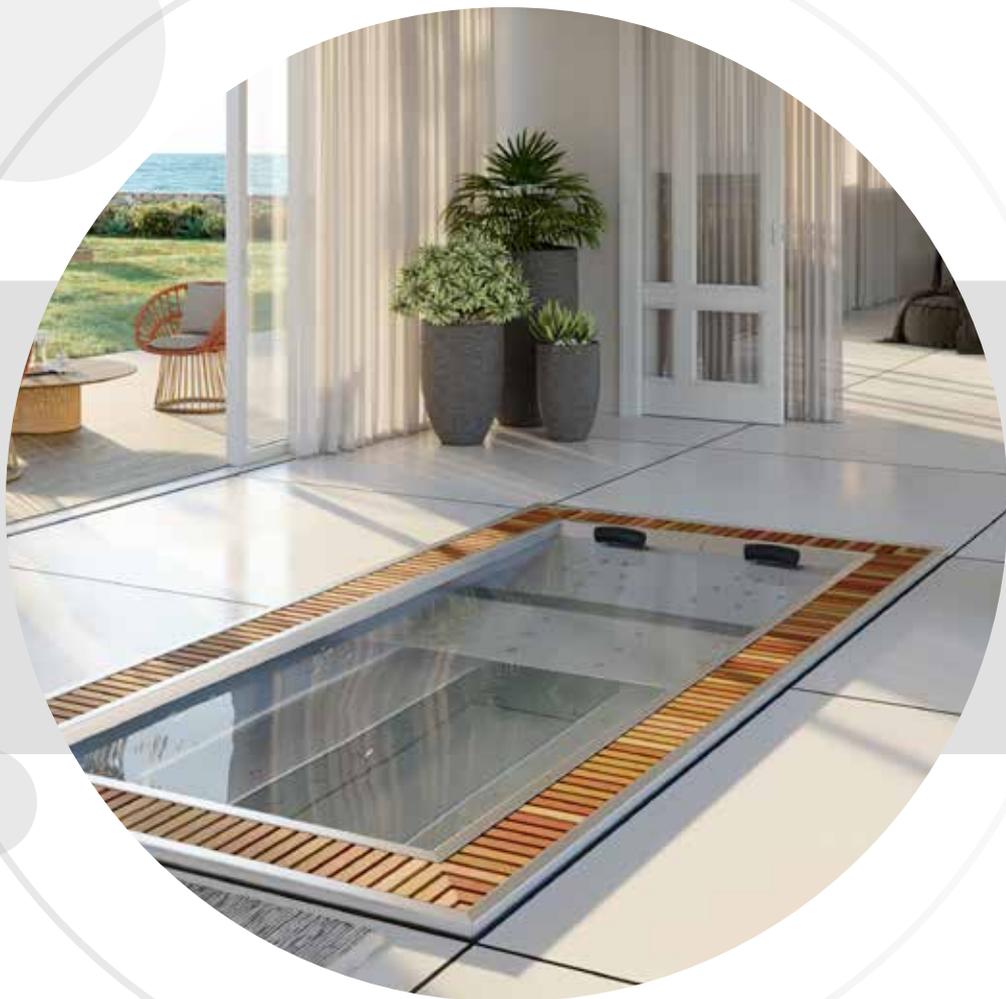
Referees catwalk with removable legs for easy storage.

Storage cart for referees catwalk.

2 referees catwalks requires 3 storage carts,



	Code	Standard Pack	Standard weight in kg	Standard volume in m <sup>3</sup>
Referee catwalk 34 meter	77477	2	-	-
Storage cart for referees catwalk	77478	3	-	-



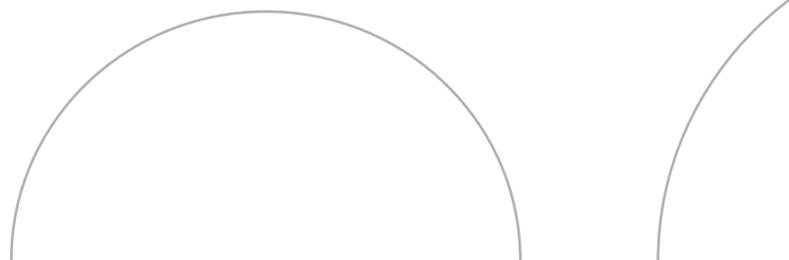
**WELLNESS**

**FLUIDRA**





Hotel Monastero di Cortona - Italy





## UNFORGETTABLE WELLNESS EXPERIENCE

---

Quality time is one of the most precious resources in today's world, which is why Fluidra takes care of every detail to ensure that the wellness experience is an unforgettable one.

Once-in-a-life-time moments in unique spaces that provide a source of health and well-being.

We innovate new worlds, design new dreams, and explore unknown paths...

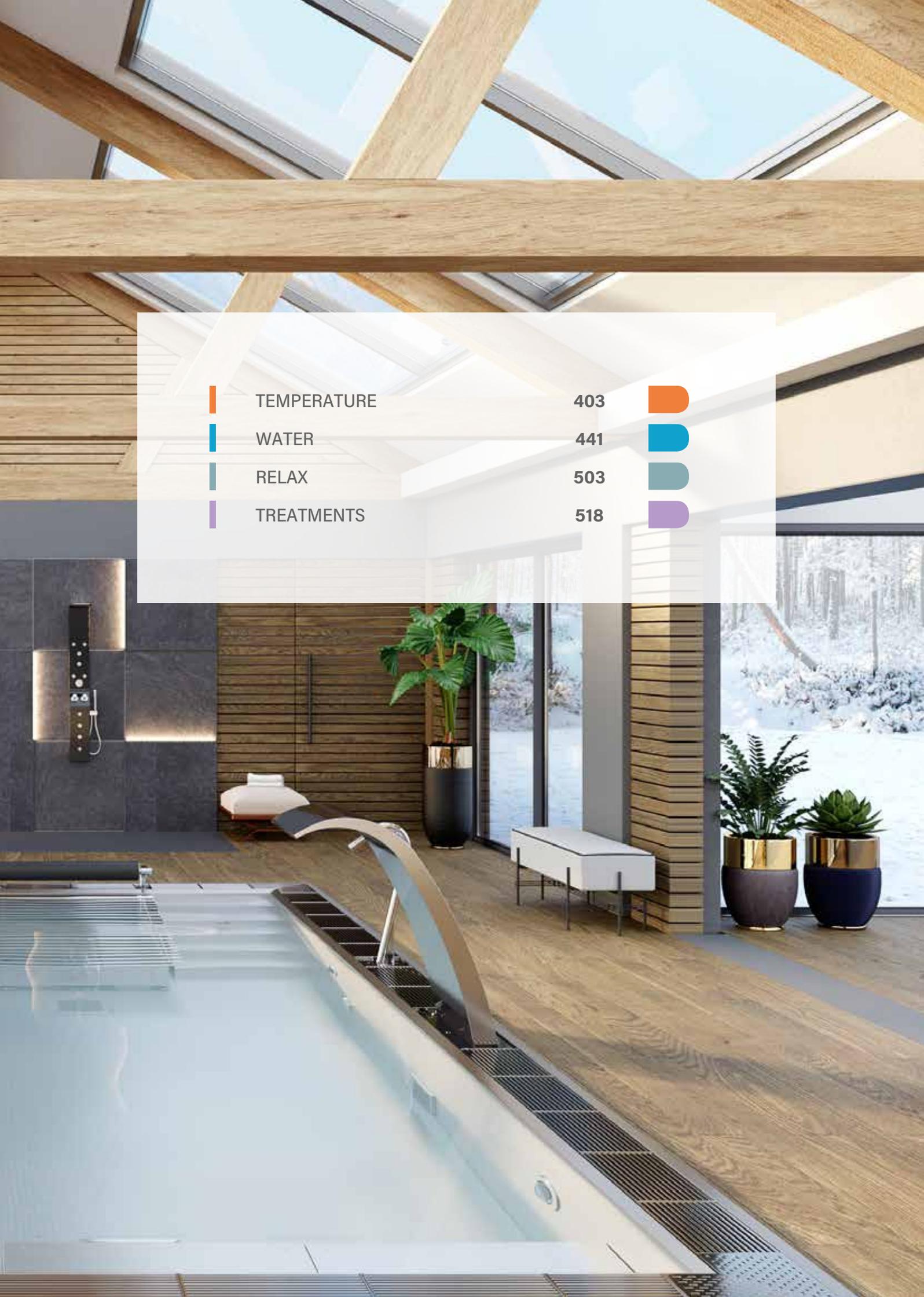
We provide our clients with creative and sustainable solutions that respect the details and quality that go hand in hand with craftsmanship.

To be born, to grow, and to keep growing.

Explore the well-being catalogue, that provides a full wellness experience, with different spaces; **temperature, water, relax and treatment.**



TEMPERATURE	403
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## WELLNESS

# TEMPERATURE

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- 406 Bella
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- 411 Borro
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- 413 Classic
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### 416 STEAM BATHS

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- 418 Bandha
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- 420 Hara
- 421 Sutra
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- 423 Steam room control panel

### 424 STEAM BATHS EQUIPMENTS

- 424 Steam generators
- 425 Steam pack

### 426 ICE CABINS

- 427 Asana
- 428 Bandha
- 429 Cala
- 430 Hara
- 431 Sutra
- 432 Customizable ice cabin

### 434 ICE FOUNTAIN

- 434 Ice maker kit
- 435 Ice container

### 436 PORCELAIN & CERAMICS

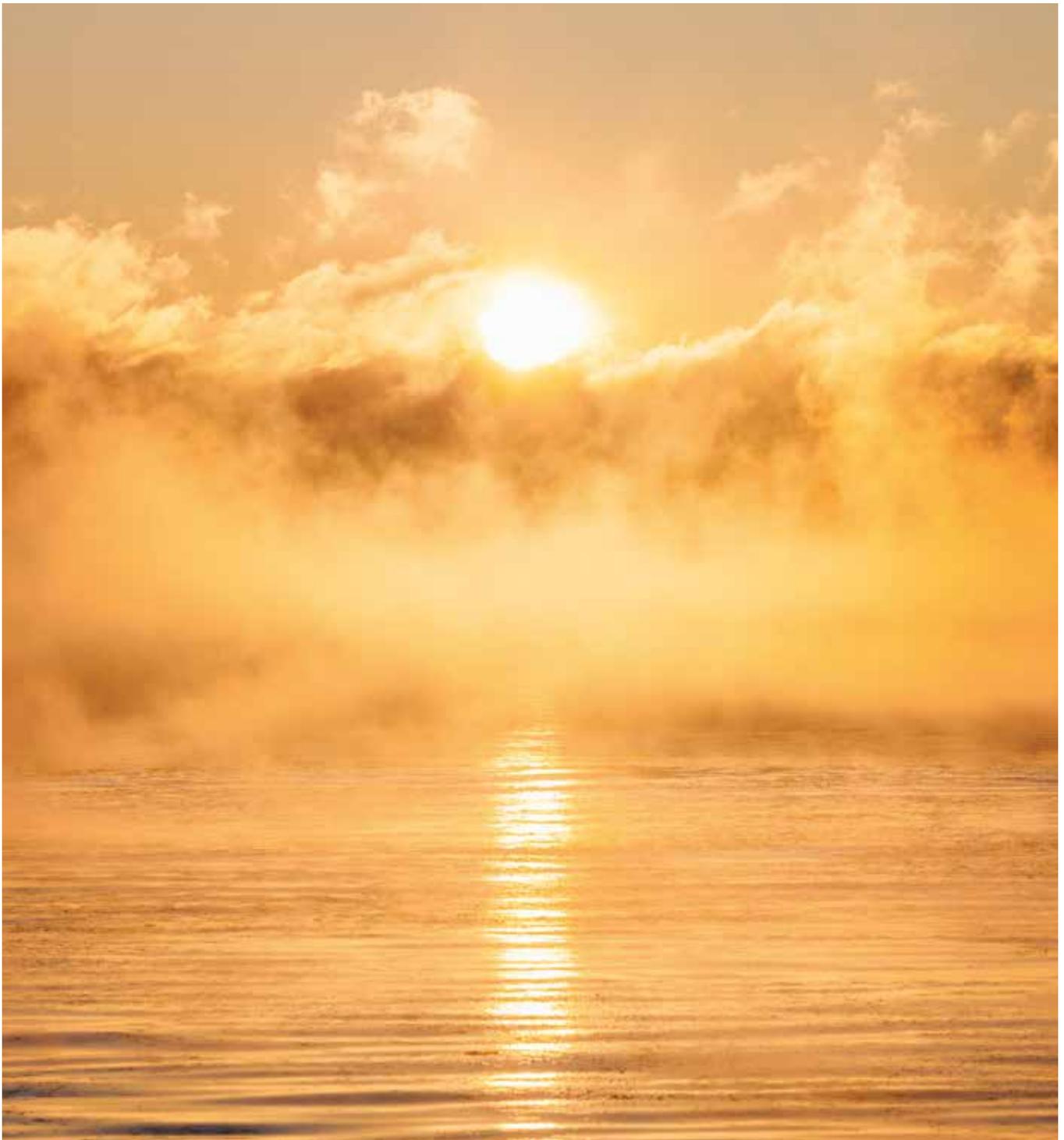
- 436 Large format porcelain
- 436 Ceramics

### 439 SNOW MACHINE

- 439 SnowPro

## SAUNAS

- + Source of health and well-being.
- + In addition to their spiritual side, saunas have been used for medicinal purposes for thousands of years.
- + Our ancestors sensed their therapeutic benefits and modern science confirms them.
- + A sauna is an excellent way to improve the blood and motor system, reduce muscle pain, and increase joint movement. It is also a good partner for our skin, leaving it bright and beautiful.
- + A sauna is the answer. Having a sauna boosts vitality and energy, helping us stay healthy.
- + More saunas, more health and well being.



## SAUNAS



## ESSENTIA

- + Precise lines.
- + Accurately balanced proportions.
- + Monomaterial surfaces traced by thin shadow lines that reveal the mass.
- + Exclusive natural wood.
- + Creativity and care of detail fuse together to form a refined and essential concept.
- + Perfectly blending nordic tradition with Italian design timeless elegance, Essentia is the new sauna fitting every kind of location.

- Construction of Thermo Magnolia or Thermo Aspen wood horizontal panels 85mm thick.
- Tongue and groove system for optimum sealing.
- Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil
- Floor frame made of impregnated solid wood moisture resistant.
- Floor grill made of Thermo Magnolia or Thermo Aspen.
- Front panel: 8mm tempered glass transparent with wooden frame; handle cylindrical profile, auto closing hydraulic mechanism.
- Open Benches made of Thermo Aspen with low heat conductivity.
- Benches withstand the weight of 200 kg/m.
- Sauna Led light behind benches, 12V, warm white light.
- Lux sauna Heater . Power according to different sizes.
- Control panel: Touch screen.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation - ensuring a minimum of five air changes per hour.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

Dimensions (AxBxH) (cm)

Code

**Accessories**  
Please see the available accessories on page 415.

200 x 200 x 225	70433
250 x 200 x 225	70455
250 x 250 x 225	70434
300 x 250 x 225	70436

## TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels						Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia	
70433	200 x 200 x 225	7 kW 230 / 400 3~							
70455	250 x 200 x 225	7 kW 230 / 400 3~				Standard		Optional	Thermo Aspen
70434	250 x 250 x 225	10.8 kW 230 / 400 3~						Wood code: PRMA	
70436	300 x 250 x 225	10.8 kW 230 / 400 3~							

\* How to order it?

- **Standard wood:** please use the 5 digit code and add the Thermo Aspen code at the end. Example: If you want to order Essentia Sauna in 200x200x225, please use code 70433SA.

- **Optional wood:** please use the 5 digit code and add the desired type of wood at the end. For example: If you want to order Essentia Sauna in 200x200x225 in Magnolia wood, please use code 70433PRMA.



SAUNAS



BELLA



- + Creative design.
- + Wood of great quality.
- + Elegant details.

- Construction of Hemlock plywood vertical panels 57mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Thermo Aspen / Thermo Alder.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame
- Door: 8mm tempered transparent glass no frame ; wooden handle square profile handle square profile.
- Benches made of Thermo Aspen type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Sauna Led light along benches, 12V, warm white light.
- Heater Power: according to different sizes.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

Dimensions (AxBxH) (cm) Code

180 x 180 x 210	63400
230 x 180 x 210	63401
230 x 230 x 210	63402
280 x 230 x 210	63403

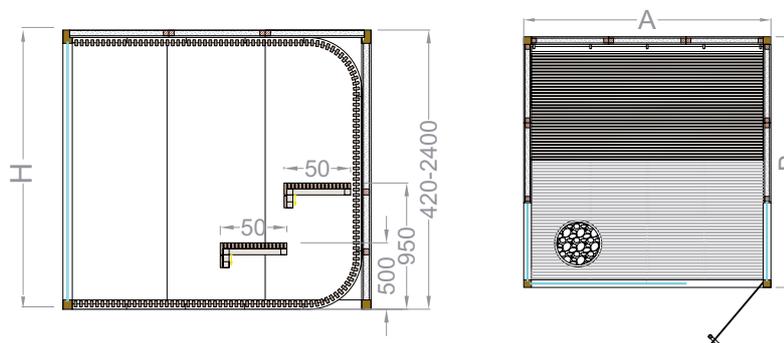
Accessories

Please see the available accessories on page 415.

TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels						Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia	
63400	180 x 180 x 210	7 kW 230 / 400 3~	Standard	-	-	-	-	-	Thermo Aspen
63401	230 x 180 x 210	7 kW 230 / 400 3~							
63402	230 x 230 x 210	11 kW 230 / 400 3~							
63403	280 x 230 x 210	11 kW 230 / 400 3~							

\* As this Sauna is only available in Hemlock Plywood, you don't need to add the type of wood at the end of the code.



## SAUNAS



## LOBOS

ASTRALPOOL

- + Clear design.
- + Wood of great quality.
- + Elegant detail.

- Construction of Hemlock plywood vertical panels 66mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Benches made of Abachi with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Sauna Led light along benches and wall light shades, 12V, warm white light.
- Heater Power 6kW.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The Front wall and one of the sides are visible. If you want the other walls to be visible please add a comment to your order. There will be an extra charge.

Dimensions (AxBxH) (cm)

Code

134 x 254 x 210  
 194 x 194 x 210  
 254 x 254 x 210

62400  
 62401  
 62402-1

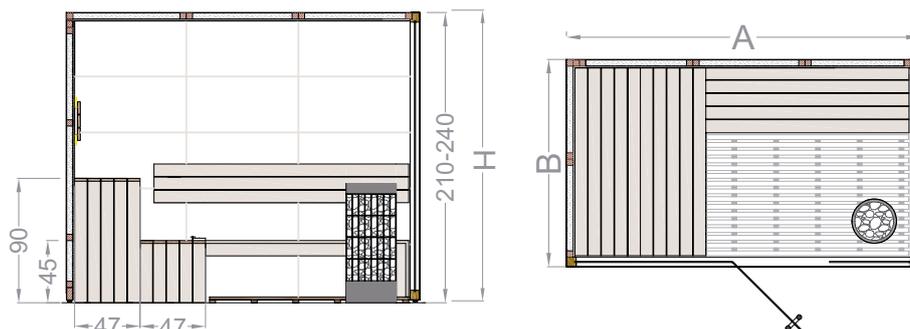
## Accessories

Please see the available accessories on page 415.

## TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels						Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia	
62400	134 x 254 x 210	7kW 230/400 3~							
62401	194 x 194 x 210	7kW 230/400 3~	Standard	-	-	-	-	-	Abachi
62402-1	254 x 254 x 210	9kW 230/400 3~							

\*As this Sauna is only available in Hemlock Plywood, you don't need to add the type of wood at the end of the code



SAUNAS



HONEY



- + Innovative, beautiful design.
- + Wood of great quality.
- + Excellent detail.

- Construction of Hemlock plywood vertical panels 57mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Thermo Aspen / Thermo Alder.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame ; wooden handle square profile.
- Benches made of Thermo Aspen with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Sauna Led light along benches and wall light shades, 12V, warm white light.
- Heater Power: according to different sizes.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The Front wall and one of the sides are visible. If you want the other walls to be visible please add a comment to your order. There will be an extra charge.

Accessories

Please see the available accessories on page 415.

Dimensions (AxBxH) (cm)

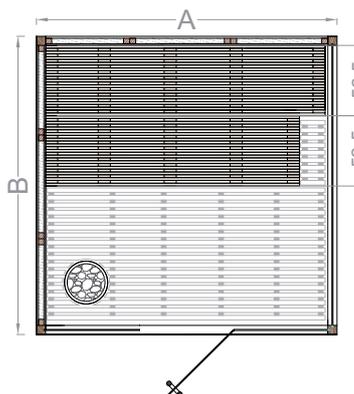
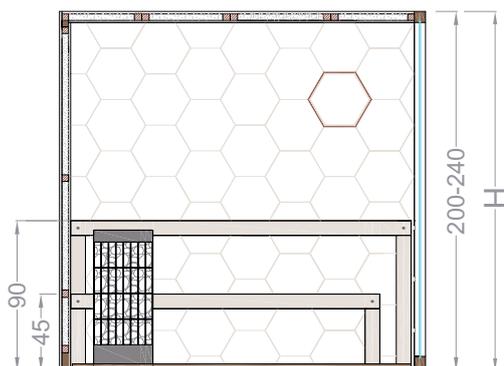
Code

180 x 180 x 212	64618PL
233 x 180 x 212	64623PL
233 x 233 x 212	64625PL
285 x 233 x 212	64628PL
285 x 285 x 212	64629PL

TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels						Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia	
64618PL	180 x 180 x 212	7 kW 230/400V 3~	Standard	-	-	-	-	Thermo Aspen	
64623PL	233 x 180 x 212	9 kW 230/400V 3~							
64625PL	233 x 233 x 212	10.8 kW 230/400V 3~							
64628PL	285 x 233 x 212	13.2 kW 230/400V 3~							
64629PL	285 x 285 x 212	16.5 kW 230/400V 3~							

\*As this Sauna is only available in Hemlock Plywood, please use the code in the table above.



## SAUNAS



## INNSBRUCK

ASTRALPOOL

- + Elegant design.
- + Wood of great quality.
- + Excellent detail.

- Construction of Hemlock plywood vertical panels 56mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Covered ergonomic Benches with wall backrest, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi.
- Sauna Led light along bench backrest, 12V, white warm light 3000K.
- Heater power: according to different sizes.
- Control panel: Standard series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

Dimensions (AxBxH) (cm)

Code

135 x 135 x 210	60781
180 x 180 x 210	60782
220 x 220 x 210	60783
260 x 220 x 210	60784
300 x 250 x 210	61200
300 x 300 x 210	61201

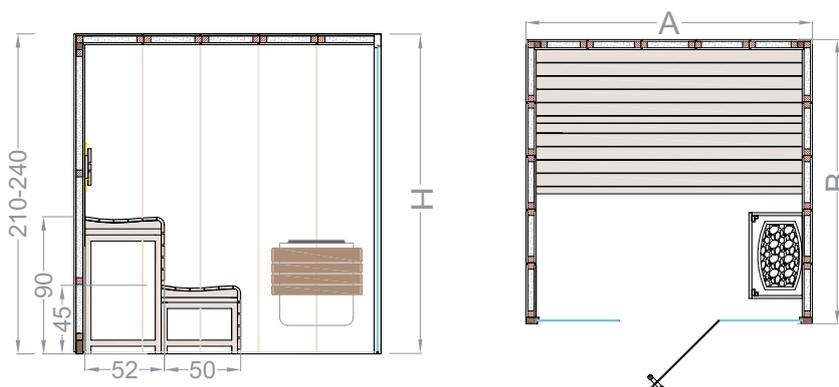
## Accessories

Please see the available accessories on page 415.

## TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels						Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia	
60781	135 x 135 x 210	6kW 230V 1~	Standard	-	-	-	-	-	Abachi
60782	180 x 180 x 210	8kW 230/400 3~							
60783	220 x 220 x 210	9kW 230/400 3~							
60784	260 x 220 x 210	10.5kW 230/400 3~							
61200	300 x 250 x 210	13.5kW 230/400 3~							
61201	300 x 300 x 210	16.5kW 230/400 3~							

\*As this Sauna is only available in Hemlock Plywood, you don't need to add the type of wood at the end of the code.



SAUNAS



ST. MORITZ



- + Clear design.
- + Wood of great quality.
- + Excellent detail.

- Construction of Hemlock plywood vertical panels 56mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Open Benches with wall backrest, made of Abachi with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi.
- Sauna Led light along bench backrest, 12V, white warm light 3000K.
- Heater power: according to different sizes.
- Control panel: Standard series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

Accessories

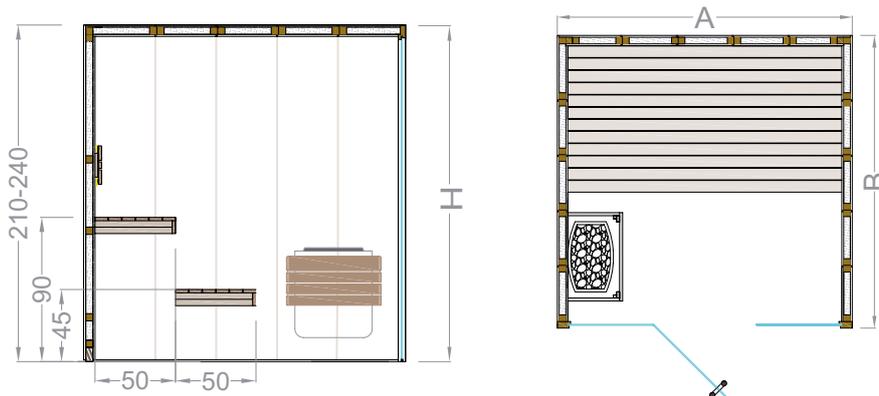
Please see the available accessories on page 415.

Dimensions (AxBxH) (cm)	Code
135 x 135 x 210	60785
180 x 180 x 210	60786
220 x 220 x 210	60787
260 x 220 x 210	60788
300 x 250 x 210	61202
300 x 300 x 210	61203

TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels					Bench wood
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	
60785	135 x 135 x 210	6kW 230V 1~	Standard	-	-	-	-	Abachi
60786	180 x 180 x 210	8kW 230/400 3~						
60787	220 x 220 x 210	9kW 230/400 3~						
60788	260 x 220 x 210	10.5kW 230/400 3~						
61202	300 x 250 x 210	13.5kW 230/400 3~						
61203	300 x 300 x 210	16.5kW 230/400 3~						

\* As this Sauna is only available in Hemlock Plywood, you don't need to add the type of wood at the end of the code.



## SAUNAS

## BORRO

ASTRALPOOL 

- + Elegant, clear design.
- + Wood of great quality.
- + Perfect detail.

- Construction of Hemlock / Nordic Spruce / White Pine / Thermo Aspen and Red Cedar wood vertical panels 70mm thick.
- Option: Stone wall behind heater.
- Wooden accessories set-bucket with ladle, combined thermo-hygrometer, sand timer.
- Air ventilation.
- Sauna rocks.
- Silicon wiring 400 V III + N- wire + Ground wire.
- Control panel: Xenio series.
- Heater Power according to different sizes.
- Sauna Led light along benches, 12V, white light.
- Headrest made of Abachi / Thermo wood.
- Covered Benches with wall backrests, made of Abachi or Thermo Aspen (depending on walls wood) with low heat conductivity.
- Benches withstand the weight of 200 kg/m.
- Door: 8mm tempered transparent glass no frame; handle square profile with locking mechanism.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Floor grill made of Abachi / Thermo wood.
- Floor frame made of impregnated solid wood.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° Celsius.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

Dimensions (AxBxH) (cm)

Code

200 x 200 x 210	70485
250 x 200 x 210	70486
250 x 250 x 210	70487
300 x 250 x 210	70488
300 x 300 x 210	70489
400 x 300 x 210	70490

## Accessories

Please see the available accessories on page 415.

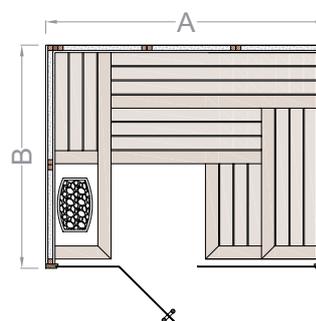
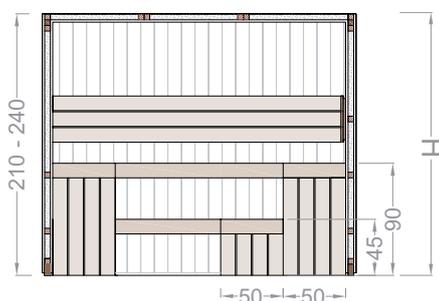
## TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels					
			Hemlock	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia
70485	200 x 200 x 210	8kW 230/400 3~	Optional Wood code: H	Optional Wood code: S	Optional Wood code: P	Standard	Optional Wood code: R	-
70486	250 x 200 x 210	9kW 230/400 3~						
70487	250 x 250 x 210	10.5kW 230/400 3~						
70488	300 x 250 x 210	13.5kW 230/400 3~						
70489	300 x 300 x 210	16.5kW 230/400 3~						
70490	400 x 300 x 210	20kW 230/400 3~						
-	-	Bench wood	Abachi	Abachi	Abachi	Thermo Aspen	Thermo Aspen	

\* How to order it?

- **Standard wood:** please use the 5 digit code only. Example: If you want to order Borro Sauna in 200x200x210, please use code 70485.

- **Optional wood:** please use the 5 digit code and add the desired type of wood at the end. For example: If you want to order Borro Sauna in 200x200x210 and Nordic Spruce, please use code 70485S.



SAUNAS



MIRAMONTE



Options

- Stone wall behind heater
- Panic button
- Loud speakers

Accessories

Please see the available accessories on page 415.

- + Beautiful design.
- + Wood of great quality.
- + Excellent detail.

- Construction of Hemlock / Nordic Spruce / White Pine / Thermo Aspen and Red Cedar wood vertical panels 70mm thick.
- Tongue and groove system for optimum sealing. Temperature resistance up to 120° Celsius.
- Thermal insulated inside with mineral wool and moisture insulate with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame
- Door: 8mm tempered transparent glass no frame; handle square profile with locking mechanism.
- Covered Benches with wall backrests, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi or Thermo Aspen.
- Sauna Led light along benches, 12V, white light.
- Heater Power according to different sizes. Sauna rocks.
- Control panel: Xenio series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

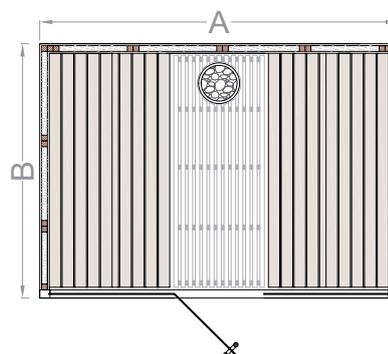
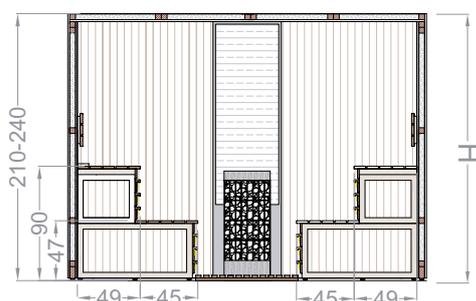
Dimensions (AxBxH) (cm)

Code

200 x 150 x 210	70470
200 x 200 x 210	70471
250 x 200 x 210	70439
250 x 250 x 210	70440
300 x 250 x 210	70441
300 x 300 x 210	70442

TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels					
			Hemlock	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia
70470	200 x 150 x 210	7kW 230/400 3~	Optional Wood code: H	Optional Wood code: S	Standard	Optional Wood code: A	Optional Wood code: R	-
70471	200 x 200 x 210	7kW 230/400 3~						
70439	250 x 200 x 210	9kW 230/400 3~						
70440	250 x 250 x 210	10.8kW 230/400 3~						
70441	300 x 250 x 210	13.2kW 230/400 3~						
70442	300 x 300 x 210	16.5kW 230/400 3~						
		Bench wood	Abachi	Abachi	Abachi	Thermo Aspen	Thermo Aspen	



\* How to order it?

- **Standard wood:** please use the 5 digit code only. Example: If you want to order Miramonte Sauna in 200x150x210, please use code 70470.
- **Optional wood:** please use the 5 digit code and add the desired type of wood at the end. Example: If you want to order Miramonte Sauna in 200x150x210 and Nordic Spruce, please use code 70470S.

## SAUNAS



## CLASSIC

ASTRALPOOL

- + Classic design.
- + Natural wood of great quality.
- + Perfect detail.

## STANDARD

- Construction of fir wood.
- Vertical panelling of Hemlock / Nordic Spruce / White Pine / Thermo Aspen or Red Cedar.
- Tongue and groove system for optimum sealing. Temperature resistance up to 150° C. Thermal insulated inside with mineral wool and moisture insulated with aluminium foil. Floor grill made of Abachi wood.
- Dood: 8mm bronze tempered glass with wooden frame; wooden handle with roller closing mechanism.
- Closed Benches made of Solid Abachi or Thermo Aspen wood with low heat conductivity.
- Benches withstand the weight of 200 kg. Ergonomic back rests on second level.
- Sauna light with wooden shade of Abachi.
- El. sauna Heater. Power according to different sizes. Manual for installation and use.
- Heater protection grille of Abachi wood.
- Outdoor Control panel.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation - ensuring a minimum of five air changes per hour.
- The front wall is visible. If you would like the other walls to be visible, please add a comment to your order. There will be an extra charge.

## SELECT:

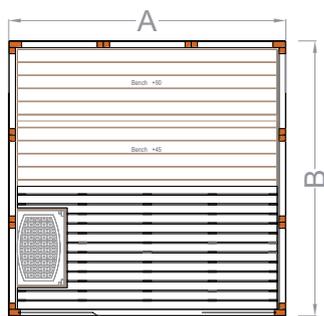
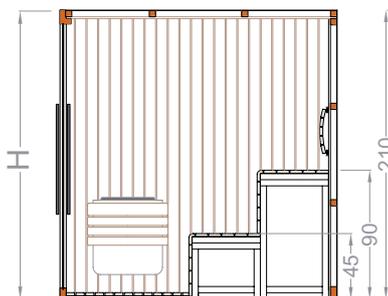
Includes Standard equipment plus:

- Touch control panel Xenio.
- Led strip light warm White 3000k.

## PREMIUM:

Includes Select equipment plus:

- Covered benches
- Decorative front board of benches, back rest and heater guard with thermo Aspen elements.



## Accessories

Please see the available accessories on page 415.

Dimensions (AxBxH) (cm)	STANDARD Code	SELECT Code	PREMIUM Code
150 x 150 x 210	70431S	70431	70431PR
200 x 150 x 210	70432S	70432	70432PR
200 x 200 x 210	70433S	70433	70433PR
250 x 200 x 210	70455S	70455	70455PR
250 x 250 x 210	70434S	70434	70434PR
300 x 250 x 210	70436S	70436	70436PR
300 x 300 x 210	70437S	70437	70437PR
400 x 300 x 210	70438S	70438	70438PR

## \* How to order it?

- **Standard wood:** please use only the 5/6 or 7 digit codes from above.

Example 1: If you want to order **Select** Classic Sauna in 150x150x210, please use code 70431.

Example 2: If you want to order **Standard** Classic Sauna in 150x150x210, please use code 70431S.

Example 3: If you want to order **Premium** Classic Sauna in 150x150x210, please use code 70431PR.

- **Optional wood:** please use the 5/6 or 7 digit codes from above and add the desired type of wood at the end.  
Example: If you want to order **Select** Classic Sauna in 150x150x210 and White Pine, please use code 70431P.

## TECHNICAL FEATURES

Code	Dimensions (AxBxH) (cm)	Power (kW)	Sauna panels					
			Hemlock	Nordic Spruce	White Pine	Thermo Aspen	Red Cedar	Magnolia
70431	150 x 150 x 210	4.5kW 230/400 3~	Optional Wood code: H	Standard	Optional Wood code: P	Optional Wood code: A	Optional Wood code: R	-
70432	200 x 150 x 210	6kW 230/400 3~						
70433	200 x 200 x 210	6kW 230/400 3~						
70455	250 x 200 x 210	8kW 230/400 3~						
70434	250 x 250 x 210	9kW 230/400 3~						
70436	300 x 250 x 210	10.5kW 230/400 3~						
70437	300 x 300 x 210	13.5kW 230/400 3~						
70438	400 x 300 x 210	16.5kW 230/400 3~						
		Bench wood	Abachi	Abachi	Abachi	Thermo Aspen	Thermo Aspen	

SAUNAS



OUTDOOR



- + Beautiful design.
- + Wood of great quality.
- + Perfect detail.

The equipment of the room contains:

- Construction of fir wood.
- Inside covering White Pine /Thermo Aspen vertical panels 90x15mm.
- Floor grill made of Abachi 90x23mm.
- Two open Benches / two levels on one side/ with wall backrests, made of Abachi.
- Tempered glass 2x8mm on both sides of the door.
- Full glass sauna door in wooden frame(one and the same with door of Casetta).
- Sauna Led light below benches, warm white.
- Heater HARVIA Vega with outdoor touch control.
- Air ventilation.

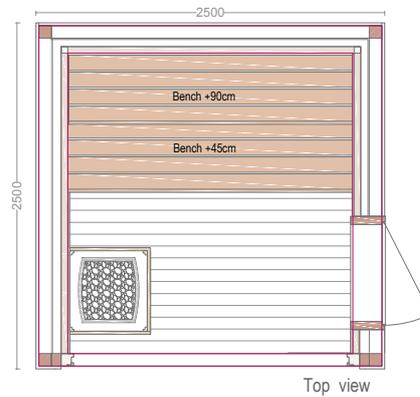
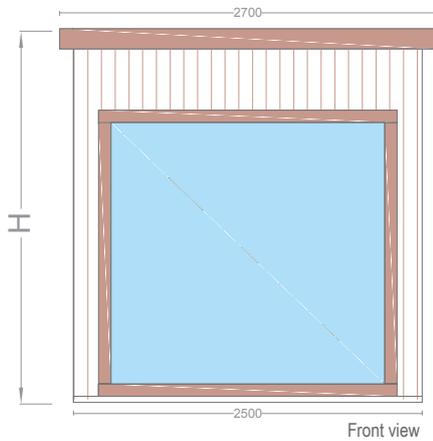
Wooden Outdoor Casetta

- 10cm wall and ceiling with Thermo Pine /Thermo Aspen outside, thermal isolation and hardboard inside.
- Full glass door in wooden frame (one and the same with door of sauna).
- Roof sloped with min. 10% inclination.
- Bitum isolation on roof (to be installed on place).
- Full glass package on both sides of the door.
- The Casetta should withstand the weight of 200 kg/m<sup>2</sup>.
- All walls are visible.

Dimensions (AxBxH) (cm)

Code

On request



BESPOKE



- + Wood Craftmen.

We custom build the Sauna for your project taking care of every detail and providing all our knowledge.

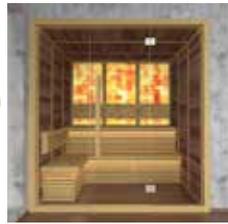
## SAUNAS

## SAUNA ACCESSORIES

ASTRALPOOL



70443



70444



70446



70447

70450  
70451

70453



70456



70457



2nd full glass side

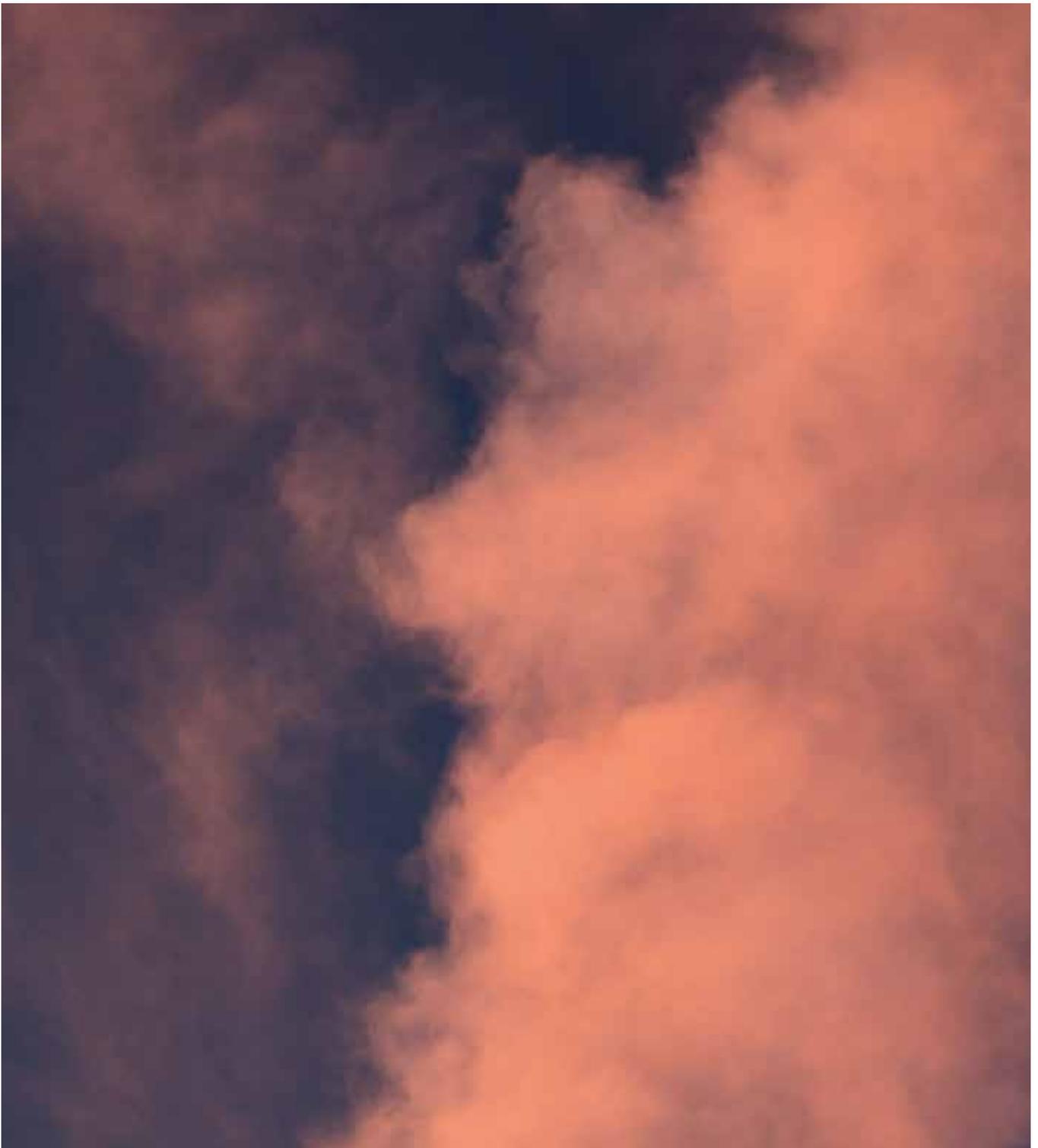


Heater safety railing

Code	Accessories	Measure	Classic	Miramonte	Innsbruck	St. Moritz	Lobos	Bella	Honey	Borro	Nera	Flora	Essentia
70443	Stainless steel sauna accessories set	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70444	Salt decorative elements set	un.	Optional	Optional	Optional	Optional	Optional	-	-	-	-	-	Optional
70445	RGB Led lighting kit with remote control	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70446	Touchscreen control unit for sauna heater	un.	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
70447	Outside wall finished with vertical timber panels	lin.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70448	Roof extension	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70449	Tintes/ transparent glass window	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70450	Concealed heater for sauna up to 300 x 250cm	un.	Optional	Optional	Optional	Optional	Optional	-	-	Optional	-	-	-
70451	Concealed heater for sauna more than 300 x 250 cm	un.	Optional	Optional	Optional	Optional	Optional	-	-	Optional	-	-	-
70452	Additional wall for hidden water	lin.m.	Optional	Optional	Optional	Optional	Optional	-	-	Optional	-	-	-
70453	Aroma design system	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70456	Decorative wall protection made of stones	un.	Optional	Optional	Optional	Optional	Optional	-	-	-	Optional	Optional	-
70457	RGB Chromo therapy kit with remote control	un.	Optional	Optional	Optional	Optional	Optional	-	Optional	Optional	Optional	Optional	Optional
Request	2nd full glass side	sq.m.	-	-	-	-	Optional	Optional	Optional	-	-	-	-
Request	Glass roof panel	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	-	-	-
Request	Heater safety railing	un.	Standard	Optional	Standard	Standard	Standard	Optional	Standard	-	-	Standard	-

## STEAM BATHS

- + Straight lines, refined and elegant design.
- + AstralPool's steam rooms offer exclusive designs adapted to the most advanced technology on the market. The use of prefabricated modules remove on-site construction issues and speeds up construction times. Capable of withstanding the extreme humidity and temperature produced by the steam generator.
- + AstralPool's steam rooms are a complete solution that includes all the elements of a wet sauna (structure, framing, lighting, glazing, steam unit, finishes, etc.), manufactured according to our standard models or tailored to the needs of each project.



## STEAM BATHS

ASTRALPOOL 

## ASANA



**+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightentup with multicoated layers of polyester resin.
- Ceiling & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in slate black Fokos Grafite.
- Walls coated with large format porcelain in marble black Nero Greco.
- 2 puffs are included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

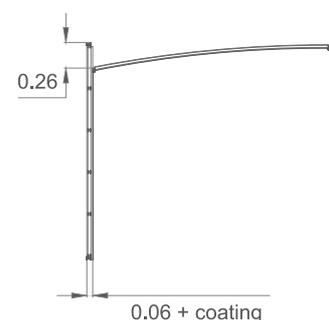
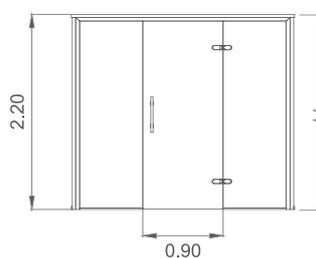
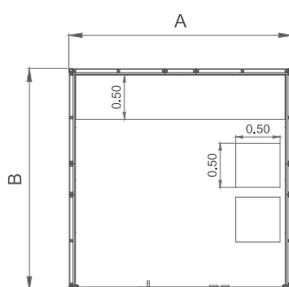
Code

## Steam bath cabin

200 x 200 x 220	73908
250 x 200 x 220	73909
250 x 250 x 220	73910
300 x 250 x 220	73911
300 x 300 x 220	73912

## TECHNICAL FEATURES

Code	73908	73909	73910	73911	73912
Dimensions (AxBxH) (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch				
Wall finish	Nero Greco Porcelain				
Bench finish	Fokos Grafite Porcelain				
Accessories finish	Black Matte				
Ceiling	Black methacrylate				
Lighting	Warm white perimeter LED on ceiling and under benches				
Included accessories	2 puff				



STEAM BATHS



BANDHA



**+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminium structure.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tightens up with multicoated layers of polyester resin.
- Ceiling & underbench perimeter LED included.
- Diffuser in Stainless Steel.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in sand color Fokos Sale.
- Walls coated with large format porcelain in sand color Fokos Sale.
- 2 puffs are included.
- Sink in porcelain Fokos Sale sand color is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

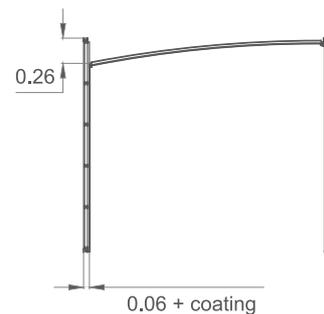
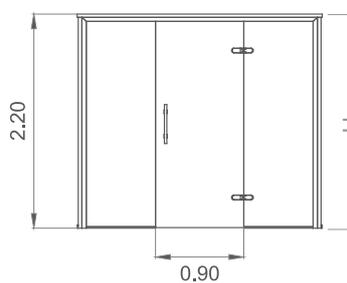
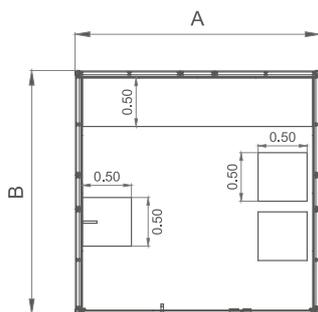
Code

**Steam bath cabin**

250 x 200 x 220	73921
250 x 250 x 220	73922
300 x 250 x 220	73923
300 x 300 x 220	73924

TECHNICAL FEATURES

Code	73921	73922	73923	73924
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	Fokos Sale Porcelain			
Bench finish	Fokos Sale Porcelain			
Accessories finish	Stainless steel			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	2 puff + 1 porcelain sink			



## STEAM BATHS

ASTRALPOOL 

## CALA

**+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.**



- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Starry sky & underbench perimetral LED included.
- Diffuser in stainless steel.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in stone grey Calce Tortora.
- Walls coated with large format porcelain in stone grey Calce Tortora, black Fokos Graffiti.
- Sink in sand color is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*.
- Control panel: Ecotouch.
- Starry Sky is included in this model.
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

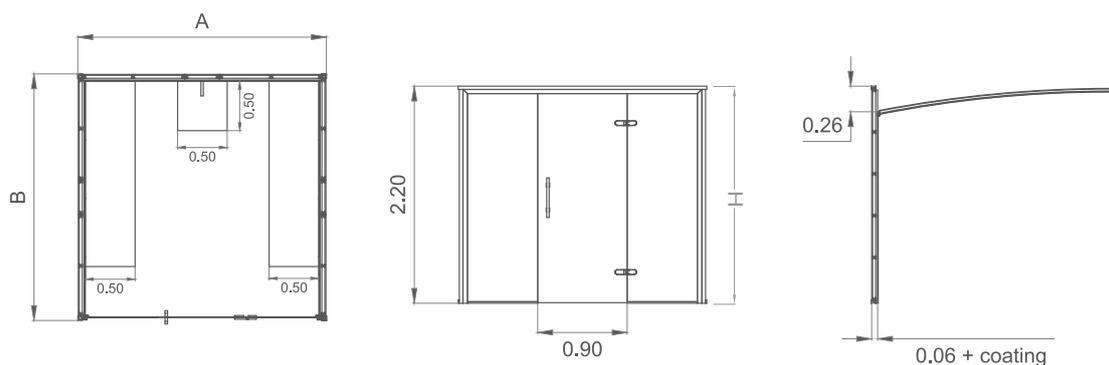
Code

#### Steam bath cabin

250 x 200 x 220	73913
250 x 250 x 220	73914
300 x 250 x 220	73915
300 x 300 x 220	73916

#### TECHNICAL FEATURES

Code	73913	73914	73915	73916
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	Calce Tortora Porcelain + Fokos Grafite			
Bench finish	Calce Tortora Porcelain			
Accessories finish	Stainless steel			
Ceiling	Black methacrylate			
Lighting	Starry sky + Warm white perimeter LED under bench			
Included accessories	Porcelain Sink			

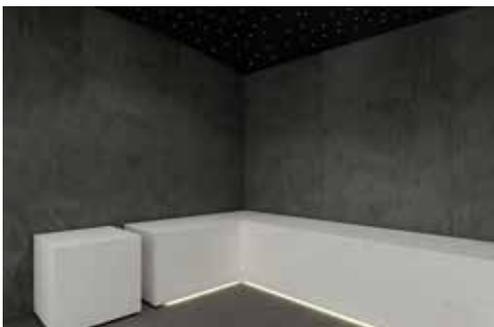


STEAM BATHS



HARA

**+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.**



- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightentup with multicoated layers of polyester resin.
- Starry Sky & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Frontal finishing Benches coated with large format porcelain in Oxide Perla.
- Walls coated with large format porcelain in Oxide Nero.
- 1 Puff is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium black matte.
- Control panel: Ecotouch.
- Starry Sky is included in this model.
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

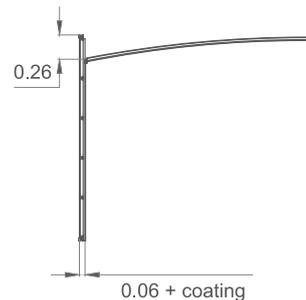
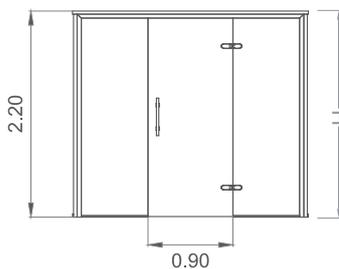
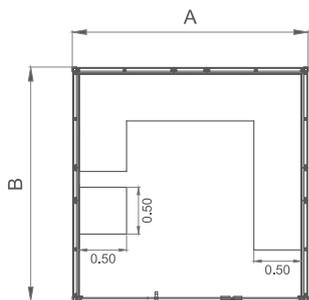
Code

**Steam bath cabin**

250 x 250 x 220	73925
300 x 250 x 220	73926
300 x 300 x 220	73927

TECHNICAL FEATURES

Code	73925	73926	73927
Dimensions (AxBxH) (cm)	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	12 kW	12 kW
Control	Ecotouch		
Wall finish	Oxide Nero Porcelain		
Bench finish	Oxide Perla Porcelain		
Accessories finish	Black Matte		
Ceiling	Black methacrylate		
Lighting	Starry sky + Warm white perimeter LED under bench		
Included accessories	1 puff		



## STEAM BATHS



## SUTRA

ASTRALPOOL

**+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tightentup with multicoated layers of polyester resin.
- Ceiling & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in Statuarietto.
- Walls coated with white solid surface.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

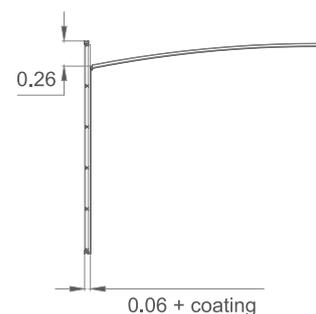
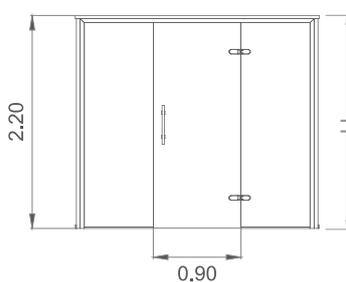
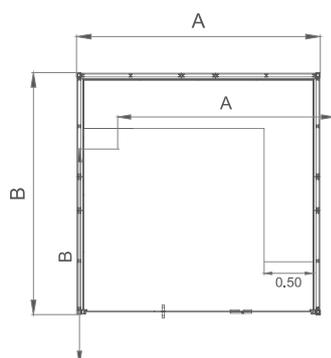
Code

#### Steam bath cabin

250 x 200 x 220	73917
250 x 250 x 220	73918
300 x 250 x 220	73919
300 x 300 x 220	73920

#### TECHNICAL FEATURES

Code	73917	73918	73919	73920
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	White solid surface			
Bench finish	Statuarietto Porcelain			
Accessories finish	Black Matte			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	-			



STEAM BATHS



BESPOKE



- + At Fluidra we are aware that each project is unique and each place an experience. For this reason, we want to make it easy for you, manufacturing your ideal steam bath according to the needs of your project. A complete customized solution for the most demanding projects.
- + AstralPool's customizable option offers an infinite number of combinations: choose the ceiling finish, lighting, framing, benches, walls, as well as the interior layout and multiple accessories.

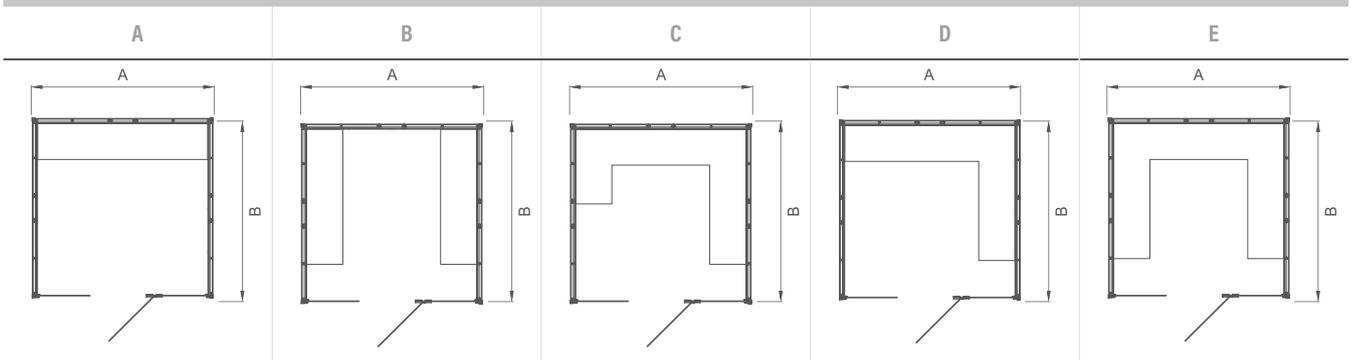
CREATE THE CUSTOMIZABLE CODE

Digits	12345	-	6	7-8	9-10	11	12	13	14
	BASE CODE (eg. 74023)		BENCH SETTINGS (eg. C)	BENCH FINISHES (eg. SS)	WALL FINISHES (eg. SS)	FRAMING (eg. P)	CEILING (eg. 5)	Optionals (eg. L)	Optional 2

BASE CODE (DIGITS 1-5)

Code	74023	74024	74026	74027	74028
Dimensions (AxBxH)(cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch				

BENCH SETTINGS (DIGIT 6)



BENCH AND WALL FINISHES (DIGITS 7-8, 9-10)

SR	Unlined
SS	Solid surface
*	Large format porcelain

\* Large format porcelain finishes and codes on pag. 436

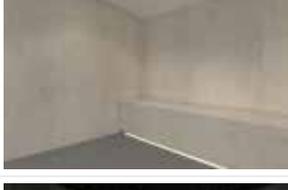
FRAMING (DIGIT 11)

I	Satin Stainless Steel	
P	Matte Silver	
B	Black paint	

STEAM BATHS

BESPOKE



CEILING (DIGIT 12)	
1	White methacrylate 
2	Black methacrylate 
3	White methacrylate + LED 
4	Black methacrylate + LED 
5	White methacrylate + starry sky 
6	Black methacrylate + starry sky 

OPTIONALS (DIGITS 13, 14)	
L	Sink 
1	1 Puff 
2	2 Puff 
B	Water softener 



STEAM ROOM CONTROL PANEL



+ Electronic control panel with multi-language navigation for domestic and professional steam rooms.

STEAM BATHS EQUIPMENTS

STEAM GENERATORS



+ Steam generators provide a source of well-being and relaxation. They create an inviting atmosphere where warm steam soothes your senses. The gentle steam offers a feeling of indulgence, refined over years of experience.

Steam generator Harvia HGD WiFi

- The XW models support a mobile app, enabling remote activation and temperature monitoring via your mobile device.
- Incoming water pressure bar: min. 2,0 - max. 4,0
- Control panel and one steam nozzle are included in the set.
- Auto discharge valve (ZG-700) and aroma pump (ZG-900) not included in set. Please specify if needed when ordered.

Power output

Code

4.5 kW	HGD45XW
5.7 kW	HGD60XW
9 kW	HGD90XW
10.8 kW	HGD110XW
15 kW	HGD150XW



TECHNICAL FEATURES

Code	Power output	Steam output capacity (kg/h)	Prime energy/fuel
HGD45XW	4.5 kW	5.5	Electric (high voltage 400V/230V 1/3N~)
HGD60XW	5.7 kW	7.6	Electric (high voltage 400V/230V 1/3N~)
HGD90XW	9.0 kW	12	Electric (high voltage 400V 3N~)
HGD110XW	10.8 kW	14.6	Electric (high voltage 400V 3N~)
HGD150XW	15 kW	20.1	Electric (high voltage 400V 3N~)

Steam generator Harvia HGP WiFi Steel

- Ideal for demanding spa environments, ensuring customers enjoy perfect moments of calm.
- The XW models support a mobile app, enabling remote activation and temperature monitoring via your mobile device.
- Incoming water pressure bar: min. 1,5 - max. 4,0
- Control panel, auto discharge valve (ZG-700) and aroma pump are included in the set.
- Nozzle (ZG-520) not included in the set. Recommended. Please specify if needed when ordered.

Power output

Code

21.6 kW	HGP220XW
30 kW	HGP300XW



TECHNICAL FEATURES

Code	Power output	Steam output capacity (kg/h)	Prime energy/fuel
HGP220XW	21.6 kW	29.2	Electric (high voltage 400V 3N~)
HGP300XW	30 kW	40.2	Electric (high voltage 400V 3N~)

STEAM BATHS EQUIPMENTS



# STEAM PACK

- The new generation of Steam room equipment.
- Single unit with metal structure, compact design with easy and simple installation.
- Equipment included:
  - Steam generator Harvia with outdoor touch control and steam inlet. Power of the steam generator according to steam room sizes.
  - Water softening system Idrasoft 2
  - Aroma automatic dosing system with peristaltic pump 2l/h, 5bar and tank for aromas.
  - Auto draining valve
  - Electric control panel
  - Outlets for easy connections for water supply, waste water and electricity.

Description	Code
Steam pack for room 2-5 m <sup>3</sup>	47SET
Steam pack for room 3-8 m <sup>3</sup>	60SET
Steam pack for room 6-12 m <sup>3</sup>	90SET
Steam pack for room 10-15 m <sup>3</sup>	120SET
Steam pack for room 12-20 m <sup>3</sup>	150SET
Steam pack for room 20-29 m <sup>3</sup>	220SET
Steam pack for room 20-29 m <sup>3</sup>	300SET



TECHNICAL FEATURES		
Code	Description	Heating (kW)
47SET	Steam pack for room 2-5 m <sup>3</sup>	4.5 kW 230 / 400V 3~
60SET	Steam pack for room 3-8 m <sup>3</sup>	5.7 kW 230 / 400V 3~
90SET	Steam pack for room 6-12 m <sup>3</sup>	9 kW 230 / 400V 3~
120SET	Steam pack for room 10-15 m <sup>3</sup>	10.8 kW 230 / 400V 3~
150SET	Steam pack for room 12-20 m <sup>3</sup>	15 kW 230 / 400V 3~
220SET	Steam pack for room 20-29 m <sup>3</sup>	22 kW 230 / 400V 3~
300SET	Steam pack for room 20-29 m <sup>3</sup>	30 kW 230 / 400V 3~

## ICE CABINS

- + Create unique and harmonious spaces with the ice range.
- + Capable of withstanding extreme humidity and temperature, AstralPool's ice rooms feature compact ice spraying equipment that can generate, through a programmed dosing system and combined with cold production, an entire wall of compact ice between 5 and 10 cm thick.
- + Its prefabricated module construction eliminates installation errors, offering a complete solution that includes all the elements you need (structure, framing, lighting, glazing, steam unit, finishes, etc.).
- + Choose the standard model that best fits your project or work with us to create your perfect custom cabin.



## ICE CABINS

ASTRALPOOL 

## ASANA



**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Benches coated with large format porcelain in slate black Fokos Grafite.
- Walls coated with large format porcelain in marble black Nero Greco.
- Ice Fountain and ice sink included in ASANA
- Ceiling: Vaulted ceiling made in blackmethacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black Width 90 cm\*

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

Code

**Ice cabin**

250 x 200 x 220

73928

250 x 250 x 220

73929

300 x 250 x 220

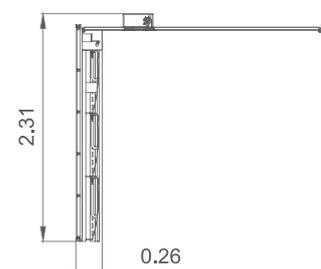
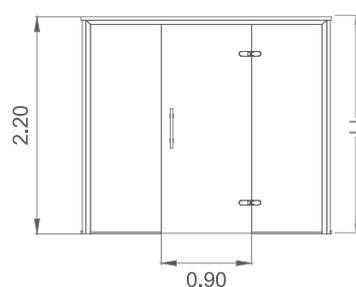
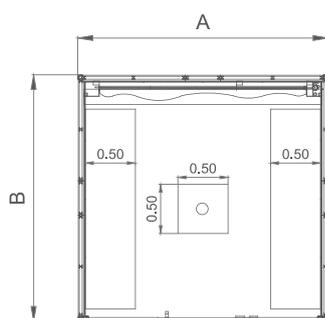
73930

300 x 300 x 220

73931

## TECHNICAL FEATURES

Code	73928	73929	73930	73931
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	Nero Greco Porcelain			
Bench finish	Fokos Grafite Porcelain			
Accessories finish	Matte Black			
Ceiling	Black methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	Ice Fountain roof + container			



ICE CABINS



BANDHA



**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Benches coated with large format porcelain in sand color Fokos Sale.
- Walls coated with large format porcelain in sand color Fokos Sale.
- Wall Ice Fountain and ice sink included in Bandha.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

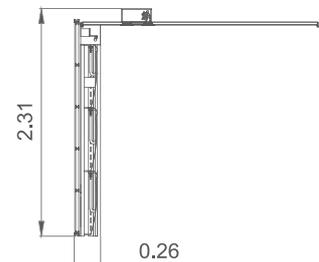
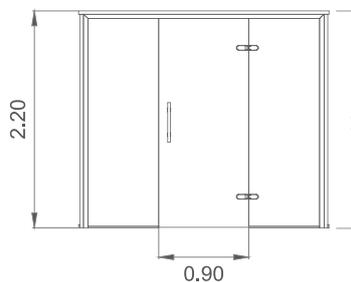
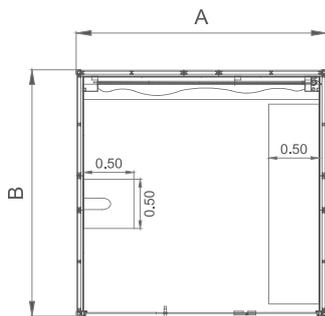
Code

**Ice cabin**

200 x 200 x 220	73883
250 x 200 x 220	73884
250 x 250 x 220	73885
300 x 250 x 220	73886
300 x 300 x 220	73887

TECHNICAL FEATURES

Code	73883	73884	73885	73886	73887
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.0 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				
Wall finish	Fokos Sale Porcelain				
Bench finish	Fokos Sale Porcelain				
Accessories finish	Stainless steel				
Ceiling	White methacrylate				
Lighting	Warm white perimeter LED on ceiling and under benches				
Included accessories	Ice Fountain wall + container				



## ICE CABINS

ASTRALPOOL 

## CALA

**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Benches coated with large format porcelain in stone grey Calce Tortora.
- Walls coated with large format porcelain in stone grey Calce Tortora.
- Wall Ice Fountain and ice sink included in CALA.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm\*

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

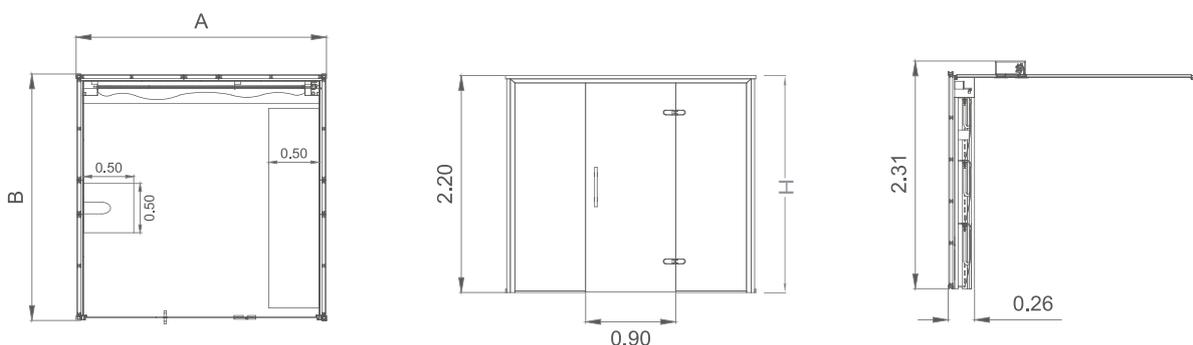
Code

**Ice cabin**

200 x 200 x 220	73932
250 x 200 x 220	73933
250 x 250 x 220	73934
300 x 250 x 220	73935
300 x 300 x 220	73936

## TECHNICAL FEATURES

Code	73932	73933	73934	73935	73936
Dimensions (AxBxH) (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.0 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				
Wall finish	Calce Tortora Porcelain + Fokos Grafite				
Bench finish	Calce Tortora Porcelain				
Accessories finish	Stainless steel				
Ceiling	Black methacrylate				
Lighting	Starry sky + Warm white perimeter LED under bench				
Included accessories	Ice Fountain wall + container				



ICE CABINS



HARA



**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Benches coated with large format porcelain in Oxide Perla.
- Walls coated with large format porcelain in Oxide Nero.
- Ceiling Ice Fountain and ice sink included in HARA
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black. Width 90 cm\*

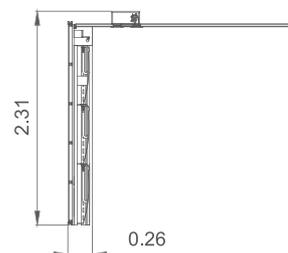
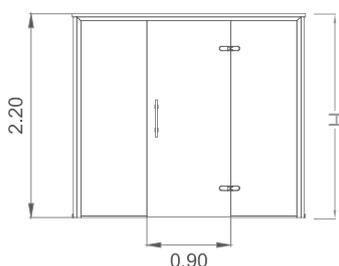
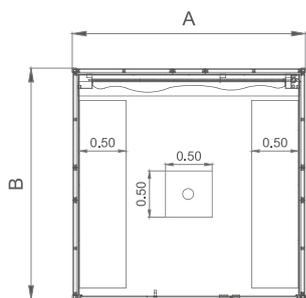
\*Can vary according to customised design.

Dimensions (AxBxH) (cm) Code

Ice cabin		
250 x 200 x 220		73888
250 x 250 x 220		73889
300 x 250 x 220		73890
300 x 300 x 220		73891

TECHNICAL FEATURES

Code	73888	73889	73890	73891
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	Oxide Nero Porcelain			
Bench finish	Oxide Perla Porcelain			
Accessories finish	Black Matte			
Ceiling	Black methacrylate			
Lighting	Starry sky + Warm white perimeter LED under bench			
Included accessories	Ice Fountain roof + container			



## ICE CABINS

ASTRALPOOL 

## SUTRA



**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Benches coated with large format porcelain in Statuarietto.
- Walls coated with solid surface.
- Ceiling Ice Fountain and ice sink included in SUTRA.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multiccoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black. Width 90 cm\*
- Water consumption: max 2100 l (1 time).
- Wall thickness (cm): 6 - 10.

\*Can vary according to customised design.

Dimensions (AxBxH) (cm)

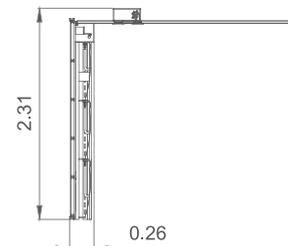
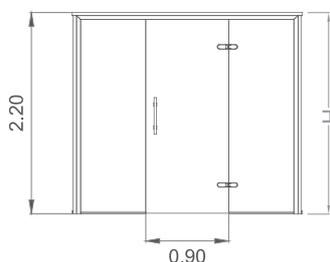
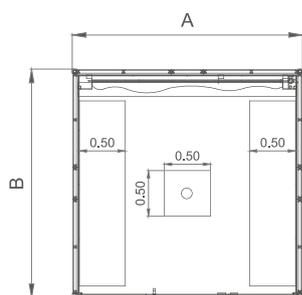
Code

**Ice cabin**

250 x 200 x 220	73937
250 x 250 x 220	73938
300 x 250 x 220	73939
300 x 300 x 220	73940

## TECHNICAL FEATURES

Code	73937	73938	73939	73940
Dimensions (AxBxH) (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	White solid surface			
Bench finish	Statuarietto Porcelain			
Accessories finish	Black Matte			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	Ice Fountain roof + container			





ICE CABINS

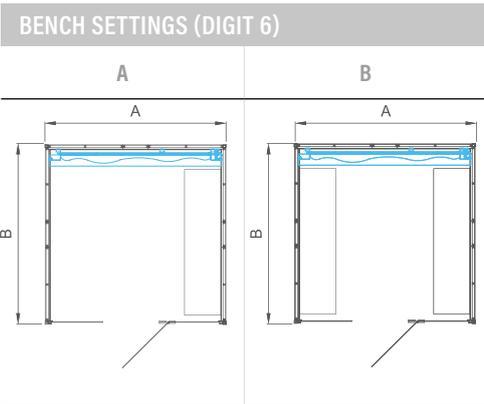


CUSTOMIZABLE ice cabin

**+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.**

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Ice making machine (water-cooled condenser).
- Walls and bench: Ultra-compact large format porcelain material (or ready to coat).
- Ceiling: Vaulted ceiling made in methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Difusor en acero inoxidable/plata mate/ negro mate. Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel / matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 55 cm\*.

\*Can vary according to customised design.



**CREATE THE CUSTOMIZABLE CODE**

Digits	12345	-	6	7-8	9-10	11	12	13	14
	BASE CODE (eg. 74029)		BENCH SETTINGS (eg. C)	BENCH FINISHES (eg. 3F)	WALL FINISHES (eg. SS)	FRAMING (eg. B)	CEILING (eg. 5)	Optional 1 (eg. J)	Optional 2

**BASE CODE (DIGITS 1-5)**

Code	74029	74030	74031	74032	74033
Dimensions (AxBxH) (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				

**BENCH AND WALL FINISHES (DIGITS 7-8, 9-10)**

SR	Unlined
SS	Solid surface
*	Large format porcelain

\* Large format porcelain finishes and codes on pag. 436

**ICE CABINS**

**CUSTOMIZABLE** ice cabin



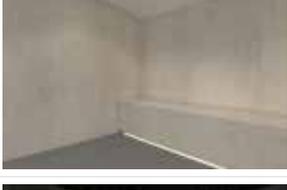
**FRAMING (DIGIT 11)**

I	Satin Stainless Steel	
P	Matte Silver	
B	Black paint	

**OPTIONALS (DIGITS 13, 14)**

L	Ice container
1	1 Puff
2	2 Puff
H	Ice fountain wall
Y	Ice fountain roof
J	Ice fountain wall + container
K	Ice fountain roof + container

**CEILING (DIGIT 12)**

1	White methacrylate	
2	Black methacrylate	
3	White methacrylate + LED	
4	Black methacrylate + LED	
5	White methacrylate + starry sky	
6	Black methacrylate + starry sky	

ICE FOUNTAIN



ICE MAKER KIT



+ AstralPool's ice maker kit is a robust and efficient piece of equipment that includes everything you need to quickly install and run the equipment, from the ice crusher to the stainless steel dispenser.

- Available in two versions: Installation with ceiling dispenser and installation with wall dispenser.
- Available with water or air cooled condenser ice maker machine.

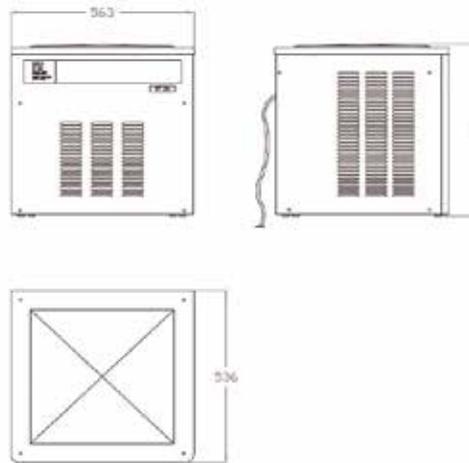
Ice maker Kit (water-cooled condenser ice machine) Code

Ceiling dispenser in stainless steel	73892
Ceiling dispenser in matte black	73894
Wall dispenser in stainless steel	73893
Wall dispenser in matte black	73895

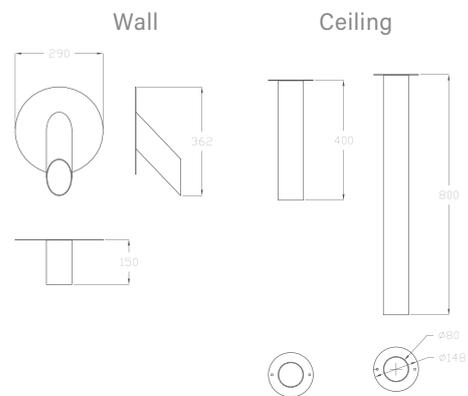
Ice maker Kit (air-cooled condenser ice machine) Code

Ceiling dispenser in stainless steel	73892A
Ceiling dispenser in matte black	73894A
Wall dispenser in stainless steel	73893A
Wall dispenser in matte black	73895A

ICE MAKER MACHINE



ICE DROP TUBE



KIT CONTENT - WALL

- Ice making machine 200 kg/24h.
- Support brackets for ice making machine.
- Wall ice dispenser made of 316 stainless steel with glossy or mate black finish.
- Wall fixing photocell (Ice level control equipment).
- Ice sink not included.

KIT CONTENT - CEILING

- Ice making machine 200 kg/24h.
- Support brackets for ice making machine.
- Ceiling ice dispenser made of 316 stainless steel with glossy or mate black finish.
- Photocell (Ice level control equipment). Located on the wall or inside the tube depending on layout.
- Ice sink not included.



Asana



Sutra



Hara



Brandha



Cala



Ice cub 1



Ice cub 2

ICE FOUNTAIN

ICE CONTAINER



+ Straight and elegant lines AstralPool ice sink is the perfect addition to the Ice Generator Kit.

+ Its design aligned to the range of Steam Baths and Ice Cabins creates clean and homogeneous spaces.

**Porcelain Ice Container**

- Container made of large format porcelain. Lower base ring in anodized aluminum. 20 L capacity.
- ASANA: Coated in slate black large format porcelain Fokos Grafite.
- BANDHA: Coated in large formats sand porcelain Fokos Sale.
- CALA: Coated in large gray stone porcelain Calce Tortora.
- HARA: Coated in large format porcelain Oxide Perla.
- SUTRA: Coated in large-format porcelain Statuarietto.

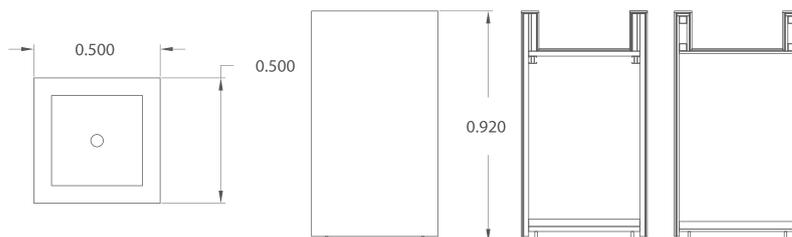
Code

**Porcelain Ice Container**

Asana	73896
Cala	73897
Sutra	73898
Bandha	73899
Hara	73900
Customizable	74034

The customizable option is available in any of the customizable finishes for steam and ice rooms.

PORCELAIN ICE CONTAINER



**Solid surface Ice Container**

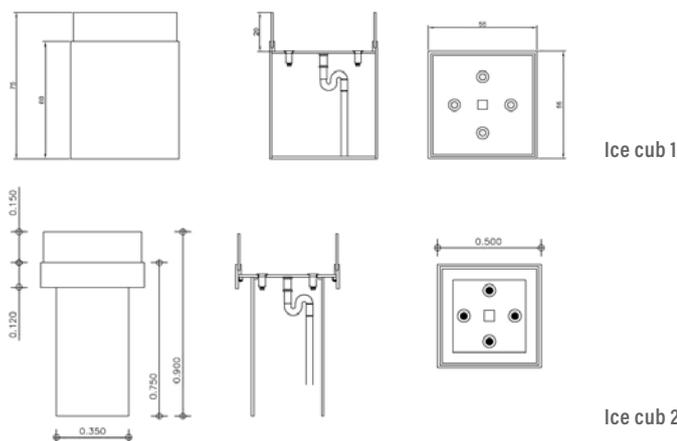
- Cube container for the accumulation of the produced ice, made of solid surface and laminated glass with RGB lighting..

Code

**Solid surface Ice Container**

Ice cub 1	77164
Ice cub 2	On request

SOLID SURFACE ICE CONTAINER

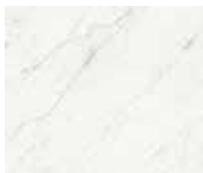


PORCELAIN & CERAMICS



LARGE FORMAT PORCELAIN

Enhance your ready-to-finish rooms or loungers with AstralPool's range of ceramic tiles.



STATUARIETTO



NERO GRECO



FOKOS GRAFITE



FOKOS SALE



OXIDE NERO



OXIDE PERLA



CALCE TORTORA

TEMPERATURE

CERAMICS



Enhance your ready-to-finish rooms or loungers with AstralPool's range of ceramic tiles.

SIXTIES



GREY  
32 x 29 cm.  
12.60" x 11.42"  
GREY60F D3



PINK  
32 x 29 cm.  
12.60" x 11.42"  
PINK60F D3



WHITE  
32 x 29 cm.  
12.60" x 11.42"  
WHIT60F D3



BURGUNDY  
32 x 29 cm.  
12.60" x 11.42"  
BURG60F D3



MUSTARD  
32 x 29 cm.  
12.60" x 11.42"  
MUST60F D



KHAKI  
32 x 29 cm.  
12.60" x 11.42"  
KHAK60F D3



PEARL TAUPE  
32 x 29 cm.  
12.60" x 11.42"  
G33560F D3



TAUPE  
32 x 29 cm.  
12.60" x 11.42"  
TAUP60F D3



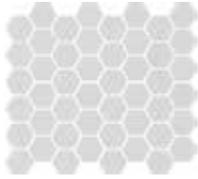
TURQUOISE  
32 x 29 cm.  
12.60" x 11.42"  
TURQ60F D3



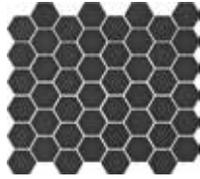
BLUE  
32 x 29 cm.  
12.60" x 11.42"  
BLUE60F D3

## CERAMICS

## SIXTIES MATT



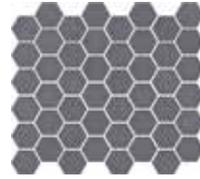
MATT WHITE  
32 x 29 cm  
12.60" x 11.42  
MA1860F D3



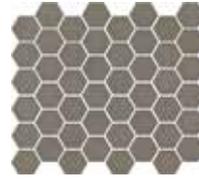
MATT BLACK  
32 x 29 cm.  
12.60" x 11.42  
MA3060F D3



MATT IVORY  
32 x 29 cm.  
12.60" x 11.42  
MA3160F D3



MATT GREY  
32 x 29 cm.  
12.60" x 11.42  
MA2260F D3



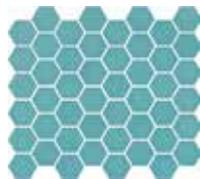
MATT TAUPE  
32 x 29 cm.  
12.60" x 11.42  
MA2360F D3



MATT KHAKI  
32 x 29 cm.  
12.60" x 11.42  
MA2160F D3



MATT BLUE  
32 x 29 cm.  
12.60" x 11.42"  
MA2660F D3



MATT TURQUOISE  
32 x 29 cm.  
12.60" x 11.42"  
MA2060F D3



MATT PINK  
32 x 29 cm.  
12.60" x 11.42"  
MA1960F D3



MATT BURGUNDY  
32 x 29 cm.  
12.60" x 11.42"  
MA2560F D3



MATT MUSTARD  
32 x 29 cm.  
12.60" x 11.42"  
MA2460F D3



MATT SAND  
32 x 29 cm.  
12.60" x 11.42  
MA3260F D3

## IRON 5X5



GOLD  
31 x 31 cm.  
12.20" x 12.20"  
GOLD50F B10



OXID  
31 x 31 cm.  
12.20" x 12.20"  
OXID50F B10



BRONZE  
31 x 31 cm.  
12.20" x 12.20"  
BRON50F B10



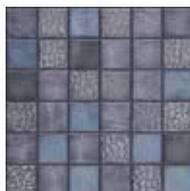
COPPER  
31 x 31 cm.  
12.20" x 12.20"  
COPP50F B9



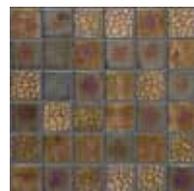
SILVER  
31 x 31 cm.  
12.20" x 12.20"  
SILV50F B10



STEEL  
31 x 31 cm.  
12.20" x 12.20"  
STEE50F B9



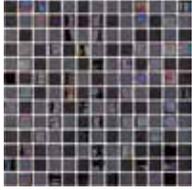
HERMES 5X5  
31 x 31 cm.  
12.20" x 12.20"  
HERM50F B10



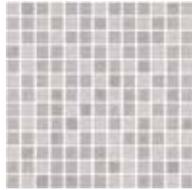
TERRA 5X5  
31 x 31 cm.  
12.20" x 12.20"  
TERR50F B10

CERAMICS

MIX DECOR



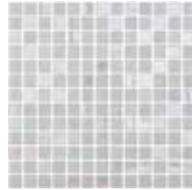
TOKYO  
33.4 x 33.4 cm.  
13.15" x 13.15"  
33% MA09  
33% MT05  
33% G312  
TOKY25Y L5



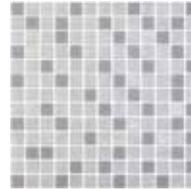
MILAN  
33% MA13  
33% MT07  
33% G329  
MILA25Y L5



DURBAN  
33.4 x 33.4 cm.  
13.15" x 13.15"  
33% MA14  
33% MT08  
33% G330  
DURB25Y L5

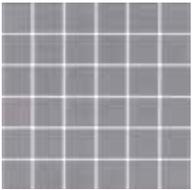


PARIS  
33.4 x 33.4 cm.  
13.15" x 13.15"  
33% WHITE FOG  
33% MT04  
33% G305  
PARI25Y L4

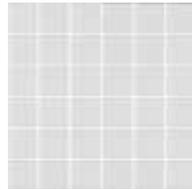


SYDNEY  
33.4 x 33.4 cm.  
13.15" x 13.15"  
33% WHITE FOG  
33% MT01  
33% G328  
SYDN25Y L4

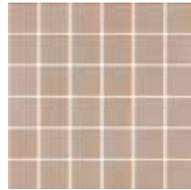
SILK/5ILK



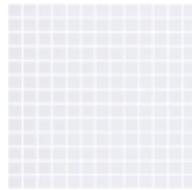
558 ANTI-SLIP  
31 x 31 cm.  
12.20" x 12.20"  
055850A B8



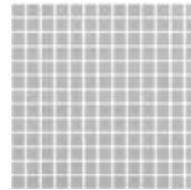
WHITE ANTI-SLIP  
31 x 31 cm.  
12.20" x 12.20"  
BNCO50A B8



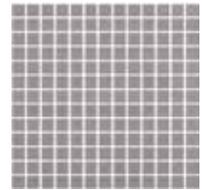
SAND ANTI-SLIP  
31 x 31 cm.  
12.20" x 12.20"  
AREN50A B8



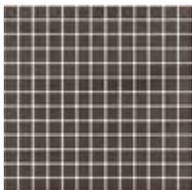
WHITE ANTI-SLIP  
33.4 x 33.4 cm.  
13.15" x 13.15"  
BNCO25AY B1



LIGHT GREY ANTI-SLIP  
33.4 x 33.4 cm.  
13.15" x 13.15"  
GRCL25AY B3



258 ANTI-SLIP  
33.4 x 33.4 cm.  
13.15" x 13.15"  
025825AY B3



BLACK ANTI-SLIP  
33.4 x 33.4 cm.  
13.15" x 13.15"  
NEGR25AY B3



## SNOW MACHINE



## SNOWPRO

ASTRALPOOL 

- + Feel the winter caressing your skin with Snowpro.
- + Produces the finest quality natural snow and features advanced technology for use in ambient temperatures up to 45°C.
- + Combine Snowpro with a custom-made room for your project.
- + Reinforce your inner peace and let relaxation take over. A subtle contrast between temperature and texture that transports you to a different world, a comfortable yet motivating place.

Code

**Snow Machine**

Snowfall 05L	73945
Snowfall 08W	73946
Snowfall 016W	73947
Snowfall 25W	73948
Snowfall 32W	73949

## TECHNICAL FEATURES

Model	Snowfall 05L	Snowfall 08W	Snowfall 16W	Snowfall 25W	Snowfall 32W
Code	73945	73946	73947	73948	73949
<b>GENERAL</b>					
Size	650 x 650 x 437 mm	910 x 830 x 480 mm	910 x 830 x 480 mm	910 x 830 x 900 mm	2 x 910 x 830 x 480 mm 1 x 680 x 830 x 480 mm
Size (condenser)	650 x 650 x 468 mm				
Weight	80 kg	90 kg	90 kg	125 kg	190 kg
Refrigeration	Air	Water	Water	Water	Water
Connection	230 V	230 V	230 V	400 V	400 V
Power	0.9 kW / 3.4 A	0.9 kW / 7.2 A	1.1 kW / 7.2 A	2.4 kW / 4.5 A	2.8 kW / 5.1 A
<b>SNOW</b>					
Quality	Natural	Natural	Natural	Natural	Natural
Weight	appx 140 kg/m <sup>3</sup>				
Flow	appx 0.7 m <sup>3</sup> / d	appx 1.2 m <sup>3</sup> / d	appx 2.3 m <sup>3</sup> / d	appx 3.4 m <sup>3</sup> / d	appx 4.6 m <sup>3</sup> / d
<b>TEMPERATURE</b>					
Snow coverage	max. +45°C				
Installation space	max. +35°C				
<b>OPTIONAL</b>					
Snow / LED Lighting	✓	✓	✓	✓	✓
Snow height sensor	✓	✓	✓	✓	✓
Auto on / off	✓	✓	✓	✓	✓



## WELLNESS

# WATER

### 442 EMOTIONAL SHOWERS

- 444 Sense Pro
- 445 Round Sense Pro
- 446 Aqua
- 447 Infinity
- 448 Vita

### 451 EMOTIONAL TUNNELS

- 451 Aqua
- 452 Infinity
- 453 Vita

### 454 CONTRAST SHOWERS

- 454 Bucket
- 454 Cold
- 454 Hot & Cold

### 455 HORIZONTAL SHOWERS

- 455 Nadir
- 456 Zenit
- 457 Aquamotus

### 458 KNEIPP

### 459 MINI CONTRAST POOLS

- 460 One
- 460 Two

### 462 VITALITY POOLS

- 463 Optimal / Wellness / Comfort / Sport
- 465 Playa / Playa Living

### 466 HYDRO LEISURE ELEMENTS

### 486 SPA RANGE

### 488 STAINLESS STEEL SPAS

- 488 Vulcano
- 488 Mercurio
- 489 Venus
- 489 Neptuno
- 490 Zeus
- 490 Apolo 6
- 491 Apolo 8
- 491 Apolo 10

### 492 ACRYLIC SPAS

- 492 Odisea 20
- 492 Mirage 40
- 493 Roma
- 493 Tokyo 70
- 494 Verona
- 494 Olympia
- 495 Hotel Spa

### 498 KITS FOR SPAS

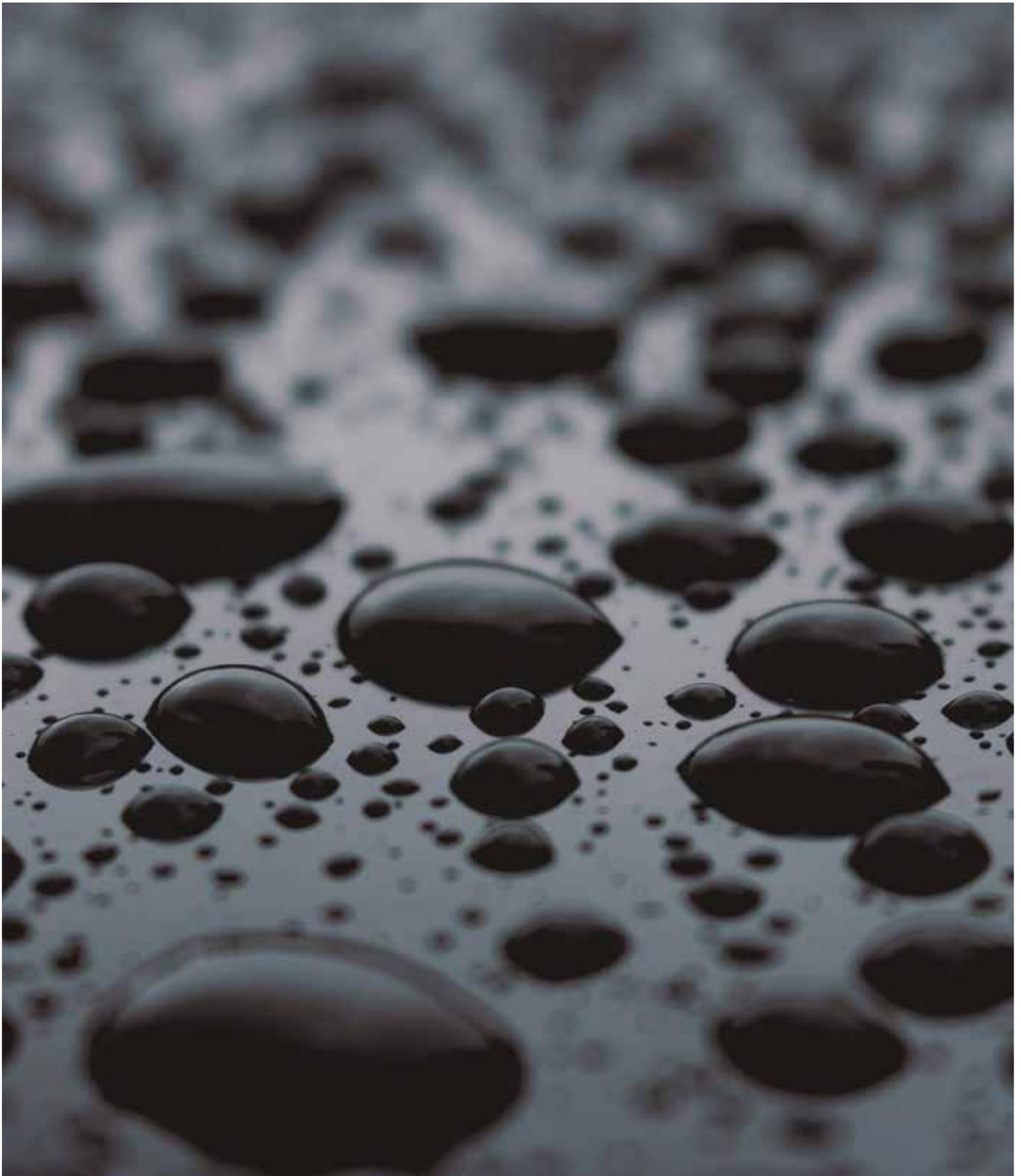
- 498 Optional Kits for spas

### 499 COMPLEMENTS FOR SPAS

### 500 NORDIC BATHS

**EMOTIONAL SHOWERS**

- + Hydrotherapy helps treat the most diverse illnesses, practically any ailment you can imagine, using pressure exerted on the body, simple showers or ones that use certain products, the top-down effect of jets, and localized therapy that stimulates the metabolism, nervous system, and blood flow by either holistically treating the body or with a more targeted solution using water with contrasting temperatures.
- + AstralPool's range of treatment showers features top-of-the-line parts. Designed for professional use, they are low-maintenance, easy to install, and equipped for long-term use.



EMOTIONAL SHOWERS

The emotional showers and tunnels combines fully programmed water, light, and temperature effects. The perfect fit for designs that incorporate water and moods created by lights, sounds, and fragrances.



TYPES OF JETS

	<p><b>RAIN</b> Delicate on the skin, the rain jet tickles it causing a pleasant, stimulating and relaxing sensation.</p>		<p><b>NEBULIZED</b> The nebulized jet slips in the environment, wrapping the body in a cosy and regenerating cloud of water.</p>		<p><b>TROPICAL</b> A constant and powerful jet, with an embracing and revitalizing effect, massaging the body and recharging its energy.</p>
	<p><b>WATERFALL</b> The powerful gesture of the waterfall absorbs us and, through the skin contact, communicates its energizing force to the whole body.</p>		<p><b>AERATED</b> Water and air mix and enhance each other, massaging the body and inducing creativity and dynamism.</p>		<p><b>ATOMIZED</b> By reducing the water into tiny particles, the atomized jet gives a refreshing and relaxing feeling of wellbeing.</p>
	<p><b>TROPICAL AERATED</b> The mix between tropical and aerated jets creates the effect of a dense rain which, descending, relieves and reduces muscular tension.</p>		<p><b>LED + NEBULIZED</b> A mixture of different therapies and effects, the LED light optimizes and enriches the regenerating effects of nebulization.</p>		<p><b>LED + ATOMIZED</b> The fusion of water particles and LED light heat enhances and intensifies the delicate touch of the atomized jet.</p>
	<p><b>LAMA</b> 180-degree axial misting jet to have a target on a specific body part.</p>		<p><b>TURBINE</b> Energizing jet enhanced by a turbine to have a powerful and intense effect.</p>		

ACCESSORIES



All accessories and optionals must to be defined and requested when ordered.

Audio	Water aromatherapy Essences: Mint/ Tropical/ Citrus/ Eucalyptus	Air aromatherapy	Inverted path

CONTROLS



<p><b>MANUAL</b> Control (on/off) each shower jets through the keypad (as many buttons as types of jets).</p>	<p><b>SEQUENCE</b> Activate the pre-programmed sequence of the different shower jets pressing only one button.</p>	<p><b>MULTI SEQUENCE</b> Activate the programmed sequence you want depending on your needs. Scheduled sequences: RELAX / BALANCE / SPORT / ENERGY</p>





RGBW Lighting

## EMOTIONAL SHOWERS

## ROUND SENSE PRO

ASTRALPOOL

- Ceiling mounted built-in round showerhead Ø 650 mm.
- Complete kit with control box for jets, lights, water temperature and installation system. Includes built-in wall-mounted IP67 keypad in stainless steel with 4 buttons and 7-module flush mount box (type 506) with electronic control to manage 4 pre-configured programs: Relax, Energy, Balance, Sport, 12V load transformer.
- Materials: Super mirror stainless steel plate, anti-limescale membrane in liquid silicone.
- Ceiling depth: 150 mm.
- Water supply ½" (inch)
- Operating pressure: 1,5 / 5 bar.
- Optionals (must be defined when ordered, otherwise it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

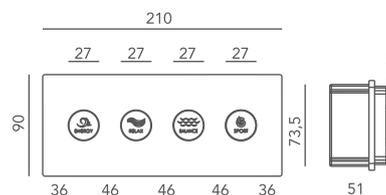
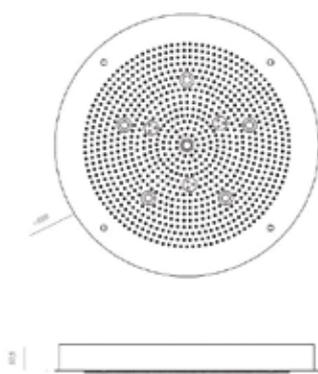
Code

Round Sense Pro

AF-FL048

## TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL048	ROUND SENSE PRO	RGBW	  	Ø65	4 preset programs	  



## RELAX PROGRAM SENSUS

The Relax program provides a comprehensive relaxation experience for both body and mind. It features soft, balanced water pressure and stable temperatures to maintain equilibrium. Chromotherapy uses soothing colors like blue and indigo to enhance mental relaxation. Gentle piano music, light rain sounds, and fresh aromas further engage the senses, creating a serene and calming atmosphere. This program offers a sanctuary for restoring balance and well-being.

## ENERGY PROGRAM SENSUS

The "Energy" program is designed to invigorate and awaken by using dynamic jets and alternating temperatures to tone muscles and skin. Ideal for morning or after a spa day, it reactivates the brain and stimulates the senses. Chromotherapy incorporates warm and cool colors for a dynamic visual effect. The program features tribal sounds and sensory rain dance for an engaging auditory experience, while citrus aromas like lemon and orange enhance the sense of vitality.

## BALANCE PROGRAM SENSUS

The "Balance" program helps users regain physical and mental equilibrium through gentle, relaxing stimulation. It features targeted water jet sequences that focus on areas like the neck, shoulders, and back to relieve tension. A distinctive metronome-like rhythm guides users toward relaxed concentration, stabilizing their sense of time and promoting harmonious mental stimulation.

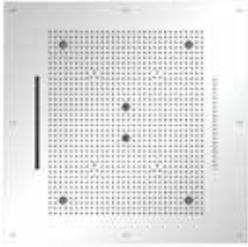
## SPORT PROGRAM SENSUS

The "Sport" program caters to muscle recovery and relaxation after intense physical activity. It features gradually varying water temperatures to stimulate circulation and aid muscle recovery. Sequential lateral jets massage various body areas to enhance flexibility, reduce stiffness, and promote relaxation. Energizing sounds and aromas further stimulate the body and mind, providing a sense of vitality and renewal.

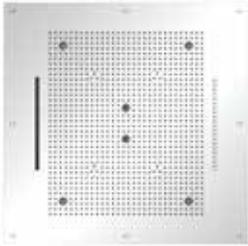
EMOTIONAL SHOWERS



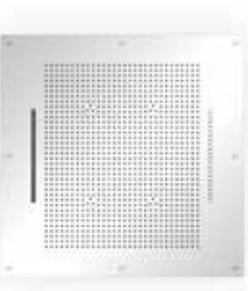
AQUA



Aqua  
RGBW Lighting



Aqua White  
White Lighting



Aqua Nude  
No Lighting

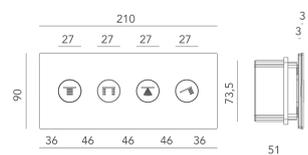
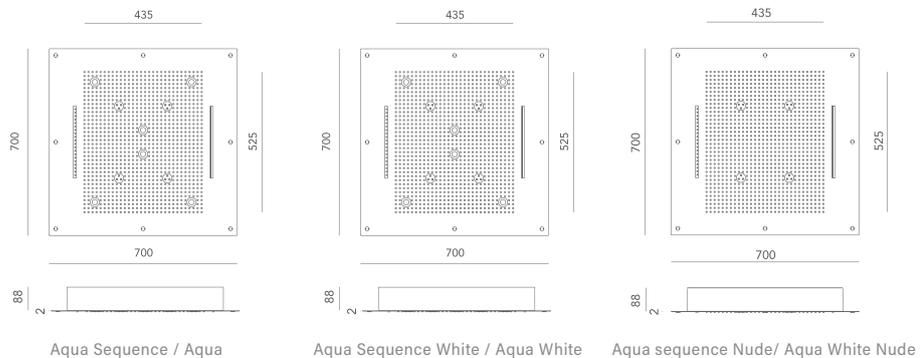
- Square shower head for recessed installation 700x700 mm. 4 water patterns: 1 rain jet, 4 mist jets, 1 tropical jet, and 1 waterfall jet.
- Includes 6 LED lights with chromotherapy.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 150 mm.
- Water supply 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.
- Default Sequence included: Relax Program: It offers a holistic relaxation experience, combining balanced water pressure and stable temperatures for physical well-being. It incorporates chromotherapy with soothing colors, gentle piano music, light rain sounds, and fresh aromas to create a calming atmosphere, ultimately serving as a sanctuary for restoring balance and mental relaxation.
- Optionals (must be defined when ordered, otherwise it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

Code

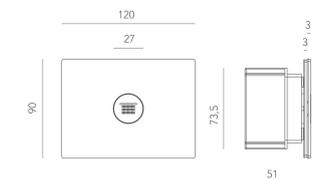
Aqua Sequence Shower	AF-FL002-25
Aqua Sequence White Shower	AF-FL003-25
Aqua Sequence Nude Shower	AF-FL004-25
Aqua Shower	AF-FL005-25
Aqua White Shower	AF-FL006-25
Aqua Nude Shower	AF-FL007-25

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL002-25	AQUA SEQUENCE	RGBW	   	70 x 70	Sequence (1 button)	  
AF-FL003-25	AQUA SEQUENCE WHITE	WHITE	   	70 x 70	Sequence (1 button)	  
AF-FL004-25	AQUA SEQUENCE NUDE	-	   	70 x 70	Sequence (1 button)	  
AF-FL005-25	AQUA	RGBW	   	70 x 70	Manual (4 buttons)	  
AF-FL006-25	AQUA WHITE	WHITE	   	70 x 70	Manual (4 buttons)	  
AF-FL007-25	AQUA NUDE	-	   	70 x 70	Manual (4 buttons)	  



Control: Aqua / Aqua White / Aqua nude

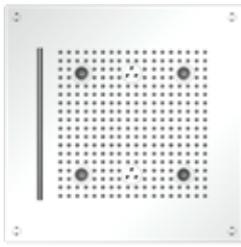


Control: Aqua sequence / Aqua Sequence White / Aqua sequence nude

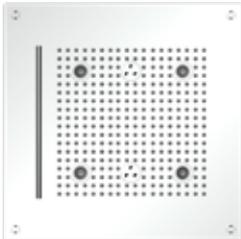
EMOTIONAL SHOWERS



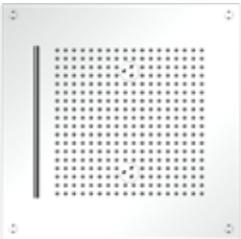
INFINITY



Infinity  
RGBW Lighting



Infinity White  
White Lighting



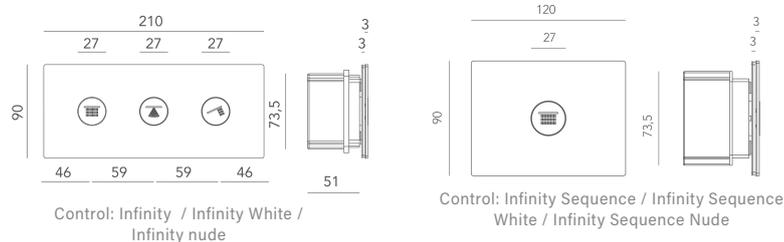
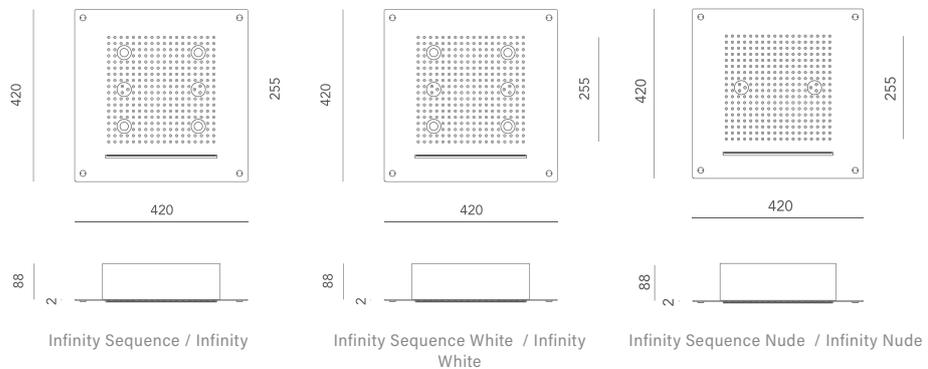
Infinity Nude  
No Lighting

- Square shower head for recessed ceiling installation 420 x 420 mm. 3 water patterns: 1 rain jet, 2 mist jets and 1 waterfall jet.
- Includes 4 LED lights with chromotherapy.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 150 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.
- Default Sequence included: Relax Program: It offers a holistic relaxation experience, combining balanced water pressure and stable temperatures for physical well-being. It incorporates chromotherapy with soothing colors, gentle piano music, light rain sounds, and fresh aromas to create a calming atmosphere, ultimately serving as a sanctuary for restoring balance and mental relaxation.
- Optionals (must be defined when ordered, otherwise it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

	Code
Infinity Sequence Shower	AF-FL008-25
Infinity Sequence White Shower	AF-FL009-25
Infinity Sequence Nude Shower	AF-FL010-25
Infinity Shower	AF-FL011-25
Infinity White Shower	AF-FL012-25
Infinity Nude Shower	AF-FL013-25

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL008-25	INFINITY SEQUENCE	RGBW		42 x 42	Sequence (1 button)	
AF-FL009-25	INFINITY SEQUENCE WHITE	WHITE				
AF-FL010-25	INFINITY SEQUENCE NUDE	-				
AF-FL011-25	INFINITY	RGBW		42 x 42	Manual (3 buttons)	
AF-FL012-25	INFINITY WHITE	WHITE				
AF-FL013-25	INFINITY NUDE	-				



EMOTIONAL SHOWERS



VITA



Vita  
RGBW Lighting



Vita  
White Lighting



Vita  
No Lighting

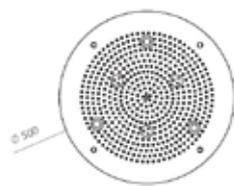
- Rounded shower head for recessed ceiling installation Ø500 mm. 2 water patterns: 1 rain jet and 2 mist jets.
- Infinity sequence and Infinity: includes 4 LED lights with chromotherapy.
- Infinity sequence White and Infinity White: includes 2 white LED lights.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.
- Optionals (must be defined when ordered, otherwise it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

Code

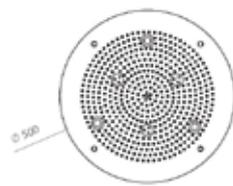
Vita Shower	AF-FL014
Vita White Shower	AF-FL015
Vita Nude Shower	AF-FL016

TECHNICAL FEATURES

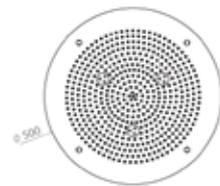
Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL014	VITA	RGBW		Ø 50	Manual (2 buttons)	
AF-FL015	VITA WHITE	WHITE				
AF-FL016	VITA NUDE	-				



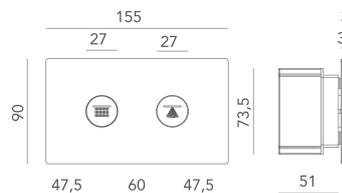
Vita



Vita White



Vita nude



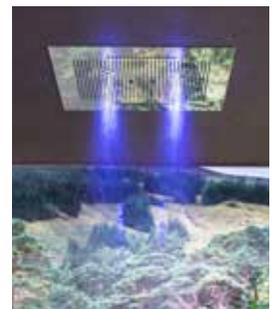
Control: Vita / Vita White / Vita nude

EMOTIONAL SHOWERS



SHOWERS SUMMARY TABLE

Code	Description	Lighting	Jets	Dimensions (cm)	Control	Accessories
AF-FL001-25	Sense Pro	RGBW		70 x 70	4 Pre-set programs (Relax, Sport, Balance, Energy) (MULTISEQUENCE)	
AF-FL048	Round Sense Pro	RGBW		Ø 65	4 Pre-set programs (Relax, Energy, Balance, Sport) (MULTISEQUENCE)	
AF-FL002-25	Aqua Sequence	RGBW		70 x 70	1 button to start the water sequence (SEQUENCE)	
AF-FL003-25	Aqua Sequence White	WHITE				
AF-FL004-25	Aqua Sequence Nude	-				
AF-FL005-25	Aqua	RGBW		70 x 70	4 buttons. 1 to start each water effect. (MANUAL)	
AF-FL006-25	Aqua White	WHITE				
AF-FL007-25	Aqua Nude	-				
AF-FL008-25	Infinity Sequence	RGBW				
AF-FL009-25	Infinity Sequence White	WHITE		42 x 42	1 button to start the water sequence (SEQUENCE)	
AF-FL010-25	Infinity Sequence Nude	-				
AF-FL011-25	Infinity	RGBW				
AF-FL012-25	Infinity White	WHITE		42 x 42	3 buttons. 1 to start each water effect. (MANUAL)	
AF-FL013-25	Infinity Nude	-				
AF-FL014	Vita	RGBW				
AF-FL015	Vita White	WHITE		Ø 50	2 buttons. 1 to start each water effect. (SEQUENCE)	
AF-FL016	Vita Nude	-				



## EMOTIONAL SHOWERS

## OPTIONALS SUMMARY TABLE

Optionals must be defined when ordered.

Code	Description	 Inverted path	 Audio	 Water aromatherapy	Essences for water aromatherapy (5 liters)				 Air aromatherapy
					MINT	TROPICAL	CITRUS	EUCALYPTUS	
AF-FL001-25	Sense Pro		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL002-25	Aqua Sequence		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL003-25	Aqua Sequence White		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL004-25	Aqua Sequence Nude		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL005-25	Aqua		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL006-25	Aqua White		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL007-25	Aqua Nude		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL008-25	Infinity Sequence		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL009-25	Infinity Sequence White		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL010-25	Infinity Sequence Nude		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL011-25	Infinity		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL012-25	Infinity White		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL013-25	Infinity Nude		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL014	Vita		AF-FL017 AF-FL018	AF-FL019 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL015	Vita White		AF-FL017 AF-FL018	AF-FL019 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL016	Vita Nude		AF-FL017 AF-FL018	AF-FL019 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL033-25	Emotional tunnel Aqua	AF-FL032	AF-FL043 AF-FL018	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL034-25	Emotional tunnel Infinity	AF-FL032		AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL035-25	Emotional tunnel Vita		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL037	Cold contrast shower			AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL038	Hot & cold contrast shower			AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL039-25	3 meters Kneipp			AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL040-25	5 meters Kneipp			AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025
AF-FL046	Horizontal shower Aquamotus	AF-FL047* (Fixing kit for counter ceiling)							
AF-FL048	Round Sense Pro		AF-FL043	AF-FL044 AF-FL020-25	AF-FL021	AF-FL022	AF-FL023	AF-FL024	AF-FL025

\*When ordered it is necessary to specify the height of the room.

EMOTIONAL TUNNELS

AQUA



- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Optionals (must be defined when ordered, otherwise it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

Code

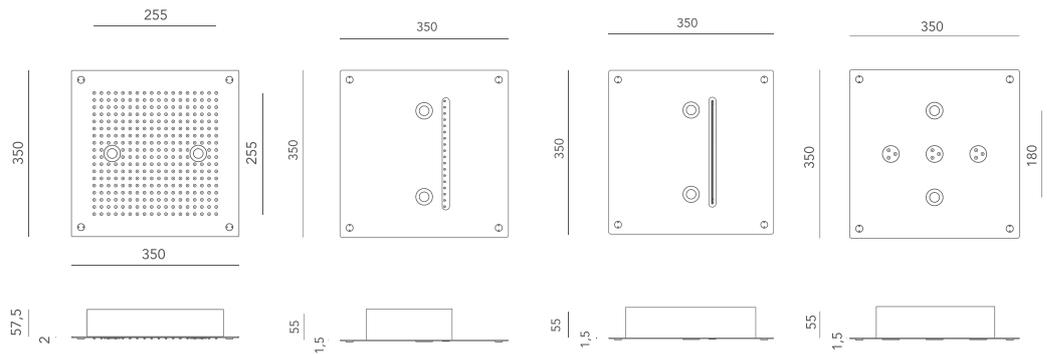
Aqua

AF-FL033-25



TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL033-25	AQUA	RGBW		35 x 35	1 button (sequence)	

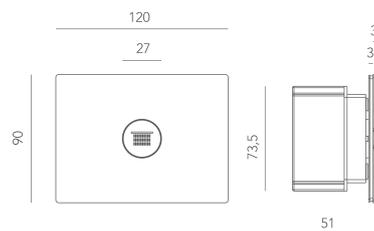


1 rain jet with 2 LED lights with chromotherapy included.

1 tropical jet with 2 LED lights with chromotherapy included.

1 waterfall jet 2 LED lights with chromotherapy.

3 atomized jets including 2 LED lights with chromotherapy.



Sequence activation with button.  
(Optional: reverse path)

EMOTIONAL TUNNELS

INFINITY

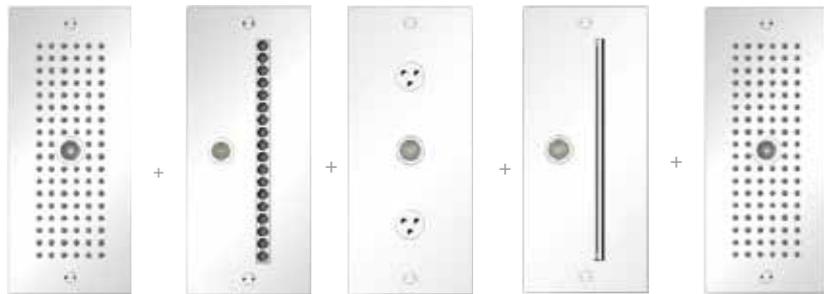


- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar
- The inverted path accessory (not included) makes it possible to run the sequence in reverse.
- Optionals must be defined when ordered, otherwise it will not be possible to add them later.

Code

Infinity

AF-FL034-25

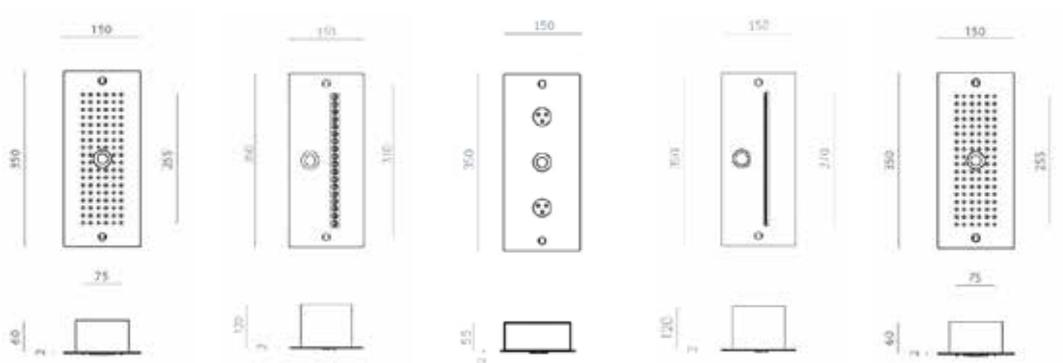


RGBW Lighting



TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL034-25	INFINITY	RGBW		5 x 35	1 button (sequence)	



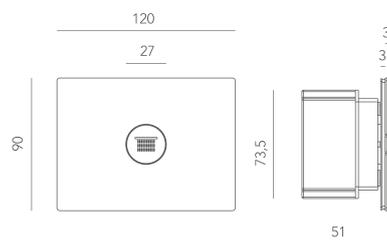
1 rain jet + 1 LED light with chromotherapy

1 tropical air jet + 1 LED light with chromotherapy

1 nebulized jet + 1 LED light with chromotherapy

1 waterfall + 1 LED light with chromotherapy

1 rain jet+ 1 LED light with chromotherapy



Sequence activation with button.  
(Optional: reverse path)

EMOTIONAL TUNNELS

VITA

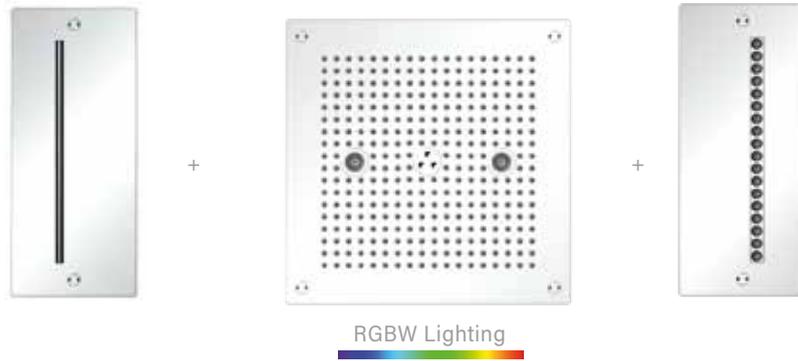


- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- The inverted path accessory (not included) makes it possible to run the sequence in reverse.
- Optionals must be defined when ordered, otherwise it will not be possible to add them later.

Code

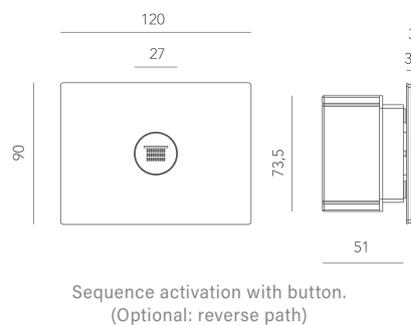
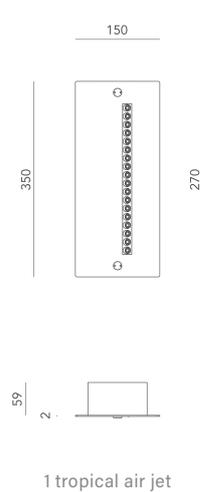
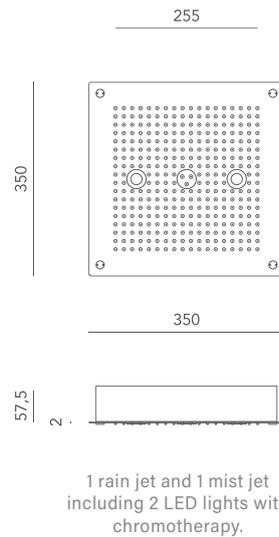
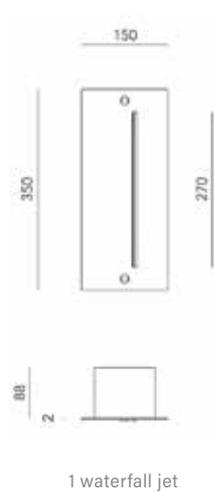
Vita

AF-FL035-25



TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL035-25	VITA	RGBW		2 x 35 x 15 1 x 35 x 35	1 button (sequence)	



CONTRAST SHOWERS

BUCKET



- Cube attached to the wall or ceiling.
- Capacity: 4.5 - 7.5 liters
- Size of upper diameter: 305 mm
- Height: 270mm
- Chain height: 630mm
- Pivot radius: 480mm
- Pipe connection: 1/2"

Code

Bucket Cube Shower

87038

COLD



- Built-in round chrome bodyjet with sequential control, with nebulized jet. Includes RGBW led for chromotherapy and control of temperature.
- Water supply connection: 1/2" inch
- Absorption 350 mA

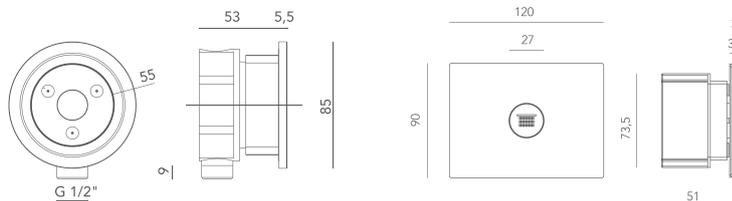
Code

Cold - Contrast Shower

AF-FL037

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL037	Cold	RGBW		Ø 8.5	1 push button	



HOT & COLD



- Built-in round chrome bodyjet with sequential control, with nebulized and atomized jet. Includes RGBW led for chromotherapy and control of temperature.
- Water supply connection: 1/2" inch
- Absorption 350 mA

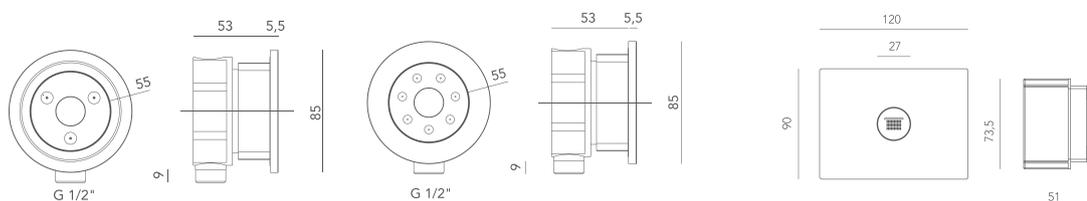
Code

Hot & Cold - Contrast Shower

AF-FL038

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL038	Hot & Cold	RGBW		Ø 8.5	2 push buttons	



## HORIZONTAL SHOWERS

## NADIR by aquaform

ASTRALPOOL 

NADIR, by Aquaform, is an horizontal shower and massage system, in mirror-finish stainless steel, for mounting on the ceiling, with electronic water mixer, chromotherapy and touch control panel to manage 4 pre-configured programs (sport, energy, relaxation, balance) or manual start.

**Hydraulic characteristics:**

- Water supply works with hot and cold water.
- Pressure 2/5 bar.
- Recommended pressure 3 bar.
- For pressures higher than 5 bar, we suggest installing a pressure reducer.
- Cold water temperature 10 / 15° C
- Hot water temperature 55° / 65° C
- Optimum hot water flow 15 l/m.

**NB:**

- A drainage of water in the ground is necessary to release the flow of water.
- It is suggested to install a water softener for water with hardness higher than 15/18 degrees F°

**Electrical characteristics:**

- Electrical supply 100-240V - 50 ÷ 60Hz
- 12V operation control panel.
- Maximum absorption 100W
- We suggest installing a dedicated RCCB.
- RGB system with 3 lights.

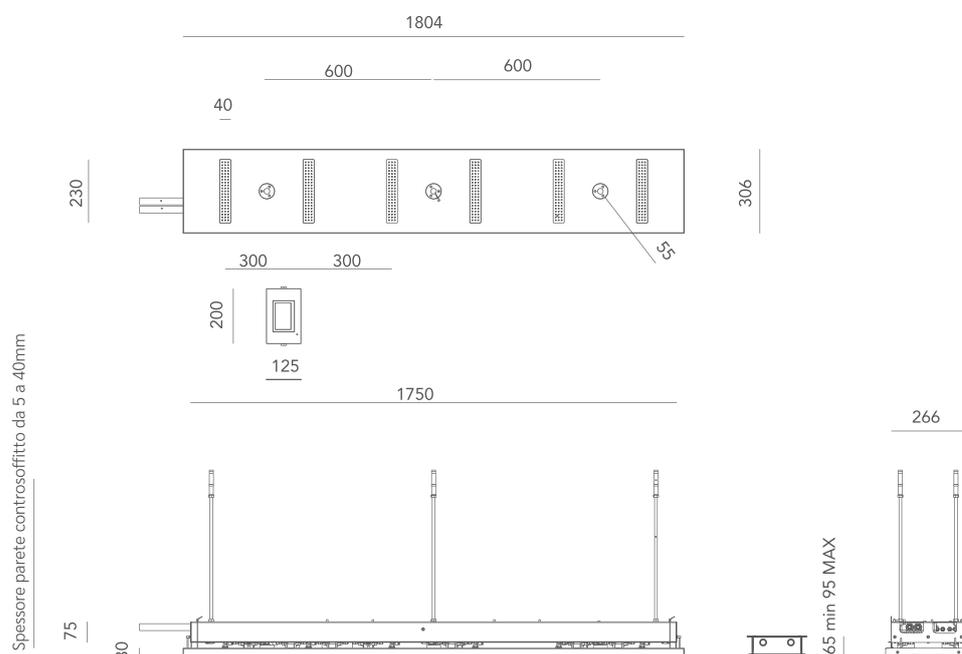
Code

Nadir

AF-FL036

## TECHNICAL FEATURES

Code	Description	Lighting	Jets
AF-FL036	Nadir	RGBW	



**HORIZONTAL SHOWERS**



**ZENIT by aquaform**



ZENIT, by Aquaform, is an horizontal shower and massage system, in supermirror stainless steel, WALL mounted, with electronic mixer, chromed hand shower, chromotherapy and control panel touch to manage 4 pre set up programs (sport, energy, relax, balance) or manual start up.

**Hydraulic characteristics:**

- Water supply works with hot and cold water.
- Pressure 2 / 5 bar.
- Recommended pressure 3 bar.
- For pressures higher than 5 bar, we suggest installing a pressure reducer.
- Cold water temperature 10°/ 15° C
- Hot water temperature 55° / 65° C
- Optimum hot water flow 15 l/m.

**NB:**

- A drainage of water in the ground is necessary to release the flow of water.
- It is suggested to install a water softener for water with hardness higher than 15/18 degrees F°

**Electrical characteristics:**

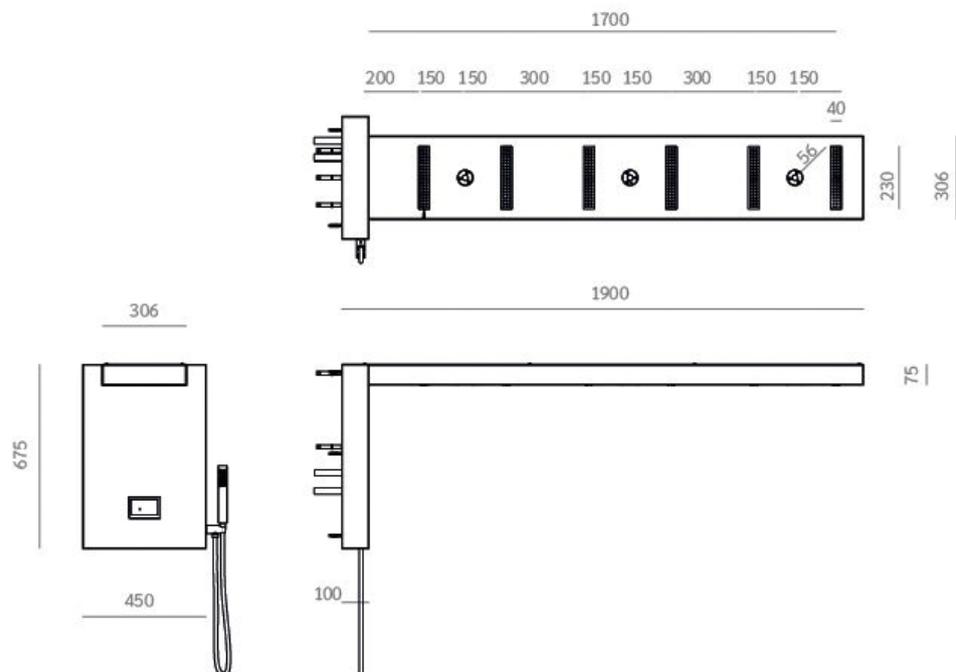
- Electrical supply 100-240V – 50/ 60Hz
- 12V operation control panel.
- Maximum absorption 100W
- We suggest installing a dedicated RCCB.
- RGB system with 3 lights.

Code

Zenit AF-FL045

**TECHNICAL FEATURES**

Code	Description	Lighting	Jets
AF-FL045	Zenit	RGBW	



**HORIZONTAL SHOWERS**



# AQUAMOTUS by aquaform



AQUAMOTUS, by Aquaform, is an evolution of the vichy shower. Aquamotus is a professional horizontal shower, in mirror-finish stainless steel, for the reproduction of 16 types of massage in the rain.

**Hydraulic characteristics:**

- Pressure 2 / 5 bar.
- Recommended pressure 3 bar.
- For pressures higher than 5 bar, we suggest installing a pressure reducer.
- Cold water temperature 10°/ 15° C
- Hot water temperature 55° / 65° C
- Minimum water flow 30 l/m.

**NB:**

- A drainage of water in the ground is necessary to release the flow of water.
- It is suggested to install a water softener for water with hardness higher than 15/18 degrees F°.

**Electrical characteristics:**

- Electrical supply 100-240V – 50/ 60Hz.
- 12V operation control panel.
- Maximum absorption 100W.
- We suggest installing a dedicated RCCB.
- RGB system with 4 lights.

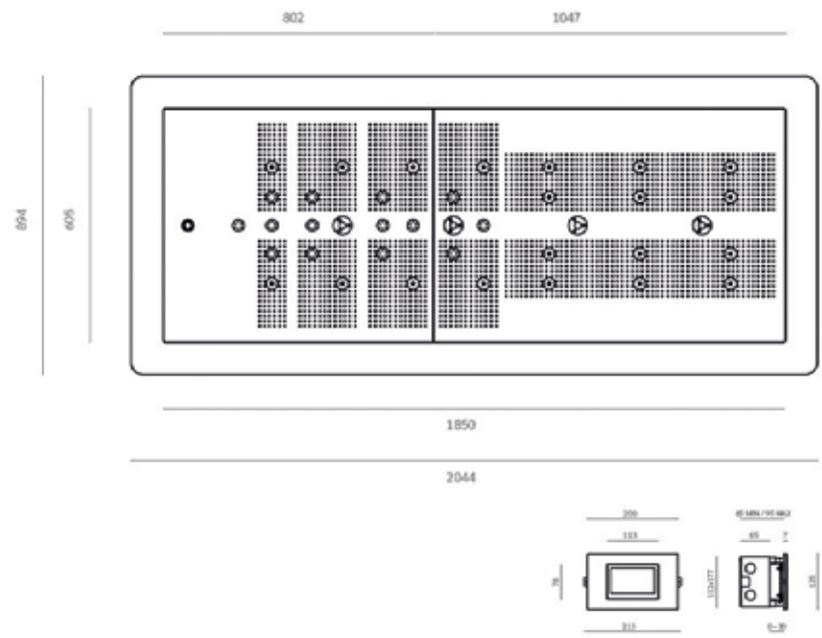
**Optionals:**

- AF-FL047 Fixing kit for counter ceiling.
- **IMPORTANT:** When ordered, it is necessary to specify the height of the room.

	Code
Aquamotus	AF-FL046

**TECHNICAL FEATURES**

Code	Description	Lighting	Jets
AF-FL046	Aquamotus	RGBW	



**KNEIPP**



### 3 METERS KNEIPP



- 8 bodyjets (4 nebulized + 4 atomized) built in chrome plated brass with sequence control.
- Led RGBW for chromotherapy and manual temperature control is included.
- Water supply connection: 1/2" inch
- Absorption 350 mA

Code

3 meters Kneipp AF-FL039-25

### 5 METERS KNEIPP



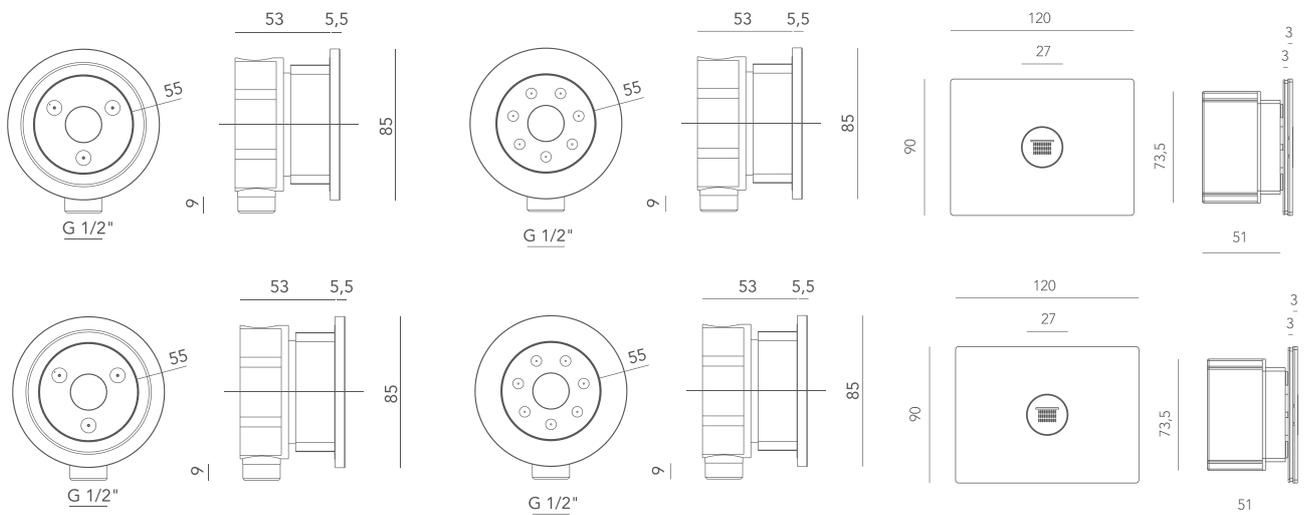
- 16 bodyjets (8 nebulized + 8 atomized) built in chrome plated brass with sequence control.
- Led RGBW for chromotherapy and manual temperature control is included.
- Water supply connection: 1/2" inch
- Absorption 350 mA

Code

5 meters Kneipp AF-FL040-25

**TECHNICAL FEATURES**

Code	Description	Lighting	Jets	Optionals
AF-FL039-25	3 Meters Kneipp	RGBW		
AF-FL040-25	5 Meters Kneipp	RGBW		



## MINI CONTRAST POOLS

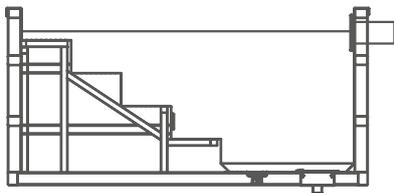
- + In the late 5 th century B.C., following the example of the Greeks, the popular Roman baths incorporated cold rooms called "Frigidariums", where bathers would finish their circuit after passing through hot rooms like the steam room or the hot pool.
- + We preserve these rituals of old, fully confident in the health benefits that contrast therapy has on the body.
- + Not only is it good for the skin, but it also increases metabolism, blood flow, and stimulates the widening and narrowing of the blood vessels.



**MINI CONTRAST POOLS**

The mini contrast pools has health benefits for the body, not only is it good for the skin, but it also increases metabolism, blood flow, and stimulates the widening and narrowing of the blood vessels. Up to 2 minutes of use recommended.

**ONE**



**TECHNICAL FEATURES**

Dimensions in cm (± 1cm)	218 x 098 x 108
--------------------------	-----------------

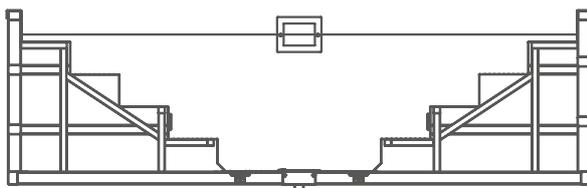
One is crafted from a single piece of AISI-316L 2-mm-thick satin-finish stainless steel. Elegant and robust design, careful finishes, and first-class materials make ONE a perfect choice for any "Frigidarium".

Code

Cold Plunge One Mini Contrast Pool

71482

**TWO**



**TECHNICAL FEATURES**

Dimensions in cm (± 1cm)	358 x 098 x 108
--------------------------	-----------------

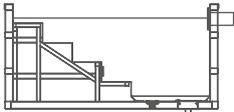
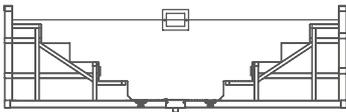
Two is crafted from a single piece of AISI-316L 2-mm-thick satin-finish stainless steel. Elegant and robust design, careful finishes, and first-class materials. It includes an entrance staircase and an exit staircase that facilitate the flow of people through the space.

Code

Cold Plunge Two Mini Contrast Pool

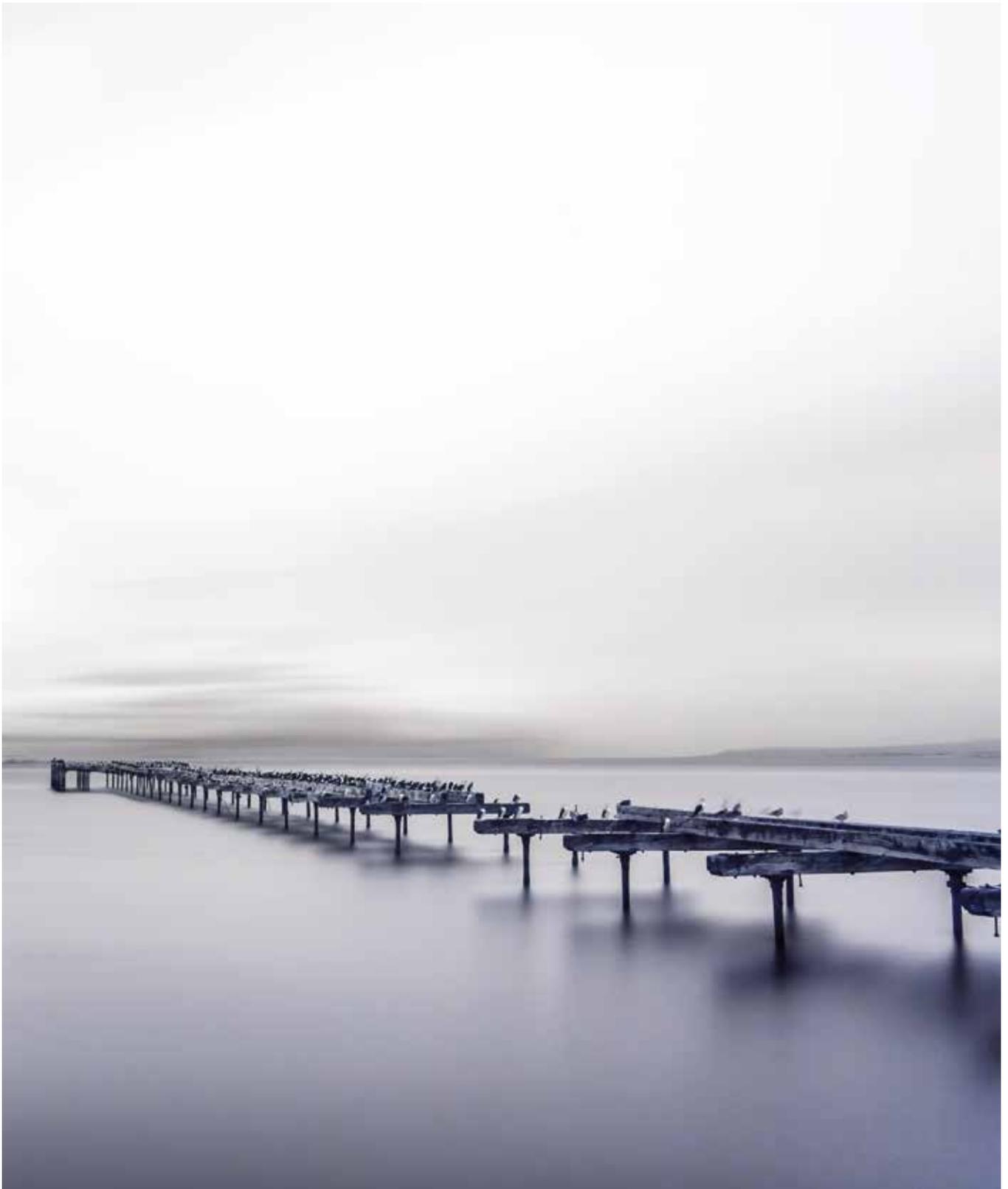
71483

## MINI CONTRAST POOLS

MODELS	 Cold Plunge One 71482	 Cold Plunge Two 71483
<b>GENERAL SPECIFICATIONS</b>		
Internal dimensions	2.00 x 0.80 x 0.85 m	3.40 x 0.80 x 0.85 m
External dimensions	2.18 x 0.98 x 1.08 m	3.58 x 0.98 x 1.08 m
Positions (seats / loungers)	-	-
Water capacity	0.90 m <sup>3</sup>	1.33 m <sup>3</sup>
Empty weight / Full weight	300 / 1200 kg	400 / 1730 kg
<b>CHARACTERISTICS</b>		
No of jets	-	-
No of air nozzles	-	-
Overflow / Skimmer	Skimmer	Skimmer
Overflow aspiration	-	-
Return inlet	1	2
Bottom cleaner nozzles	1	1
Main Drain	1	1
Headrests	-	-
LED lights	1	2
Piezoelectric press buttons	No	No
<b>OPTIONS (NOT INCLUDED)</b>		
Stainless steel Overflow grill	No	No
Wood Overflow grill	No	No
Cover	No	No
<b>RECOMMENDED EXT. EQUIPMENT</b>		
Compact filtration kit	No	No
Balance tank	No	No

## VITALITY POOLS

- + Opulence and elegance.
- + AstralPool's Vitality swimming pools are crafted in a single piece of satin-finish stainless steel with a non-slip bottom.
- + Ready to connect, minimizes installation times and eliminates construction work.



## VITALITY POOLS

**Opulence and elegance.** AstralPool's Vitality swimming pools are crafted in a single piece of satin-finish stainless steel with a non-slip bottom. Ready to connect, minimizes installation times and eliminates construction work.

## OPTIMAL / WELLNESS / COMFORT / SPORT

ASTRALPOOL 

Code

**5 x 2.85 m**

Optimal	71501
Wellness	71502
Sport	71503

**7 x 2.85 m**

Optimal	71507
Wellness	71508
Comfort	71509
Sport	71510

MODELS							
	Optimal	Wellness	Sport	Optimal	Wellness	Comfort	Sport
	71501	71502	71503	71507	71508	71509	71510

## GENERAL SPECIFICATIONS

Internal dimensions	5 x 2.85 x 1.2 m			7 x 2.85 x 1.2 m			
External dimensions	5.7 x 3.6 x 1.3 m			7.7 x 3.6 x 1.3 m			
Water capacity	18 m <sup>3</sup>			24 m <sup>3</sup>			
Empty weight / Full weight	2300 - 20300 kg	2550 - 20550 kg	2300 - 20300 kg	2300 - 20300 kg	3100 - 27100 kg	3300 - 27300 kg	2550 - 26550 kg

## CHARACTERISTICS

Skimmers	-	-	-	-	-	-	-
Overflow suction	2	2	2	2	2	2	2
Return inlet	3	4	3	3	4	4	3
Bottom cleaner nozzles	1	1	1	1	1	1	1
Main Drain	2	2	2	2	2	2	2
Projectors	2	2	2	2	2	2	2

## ACCESSORIES

Ladder (3 steps)	✓	-	✓	✓	-	-	✓
Steps	-	✓	-	-	✓	✓	-
Hydromassage bench	-	✓	-	-	✓	✓	-
Hydromassage cascade	-	✓	-	-	✓	✓	-
Hydromassage water jet	-	✓	-	-	✓	✓	-
Hydromassage beds	-	-	-	-	-	✓	-
Countercurrent equipment	-	-	✓	-	-	-	✓
Cover	-	✓	-	-	✓	✓	-

## RECOMMENDED EXT. EQUIPMENT

Hydraulic button and timer	-	45218 + 35761	-	-	45218 + 35761	45218 + 35761	-
Blower pump for hydro beds	-	-	-	-	-	31091	-
Blower pump for hydro bench	-	35388	-	-	35388	35388	-
Filtration equipment	27804						

## OPTIMAL / WELLNESS / COMFORT / SPORT

Code

**8.84 x 2.85 m**

Optimal	71514
Wellness	71515
Comfort	71516
Sport	71517

**11.84 x 2.85 m**

Optimal	71521
Wellness	71522
Comfort	71523
Sport	71524

MODELS								
	Optimal	Wellness	Comfort	Sport	Optimal	Wellness	Comfort	Sport
	71514	71515	71516	71517	71521	71522	71523	71524

**GENERAL SPECIFICATIONS**

Internal dimensions	8.84 x 2.85 x 1.2 m				11.84 x 2.85 x 1.2 m			
External dimensions	9.6 x 3.6 x 1.3 m				12.6 x 3.6 x 1.3 m			
Water capacity	31 m <sup>3</sup>				41 m <sup>3</sup>			
Empty weight / Full weight	3050 - 34050 kg	3500 - 34500 kg	3700 - 34700 kg	3050 - 34050 kg	3850 - 44850 kg	4350 - 45350 kg	4500 - 45500 kg	3850 - 44850 kg

**CHARACTERISTICS**

Skimmers	-	-	-	-	-	-	-	-
Overflow suction	3	3	3	3	4	4	4	4
Return inlet	4	5	5	4	5	6	6	5
Bottom cleaner nozzles	1	1	1	1	2	2	2	2
Main Drain	2	2	2	2	2	2	2	2
Projectors	2	2	2	2	3	3	3	3

**ACCESSORIES**

Ladder (3 steps)	✓	-	-	✓	✓	-	-	✓
Steps	-	✓	✓	-	-	✓	✓	-
Hydromassage bench	-	✓	✓	-	-	✓	✓	-
Hydromassage cascade	-	✓	✓	-	-	✓	✓	-
Hydromassage water jet	-	✓	✓	-	-	✓	✓	-
Hydromassage beds	-	-	✓	-	-	-	✓	-
Countercurrent equipment	-	-	-	✓	-	-	-	✓
Cover	-	✓	✓	-	-	✓	✓	-

**RECOMMENDED EXT. EQUIPMENT**

Hydraulic button and timer	-	45218 + 35761	45218 + 35761	-	-	45218 + 35761	45218 + 35761	-
Blower pump for hydro beds	-	-	31091	-	-	-	31091	-
Blower pump for hydro bench	-	35388	35388	-	-	35388	35388	-
Filtration equipment		23349				23350		

## VITALITY POOLS

PISCINE  
LAGHETTO®

## PLAYA / PLAYA LIVING

Playa is an elegant mini-pool created from great Italian design. Its soft hydromassage, hot water and its pleasant hand-woven fibers invite you to relax in a deep well-being both indoors and outdoors.

Playa Living, the evolution of the Playa model, incorporates soft cushions and sofas. This mini-pool transforms your space into a complete oasis of relaxation adding an elegant touch of sophistication.

## TECHNICAL FEATURES

Code	Model	Total Dimensions (W x L x H) cm	Water Dimensions (W x L x H) cm	Volume (L)	Panel Color	Ref. Lagetto
67338	Playa 1 / Standard	220x220x70	180x140x55	1200	Coffee	KITDVPLA1BICFIG
67339					White	KITDVPLA1BIBIIG
69349					Grey	KITDVPLA1BIGRIG
67340	Playa 2 / Standard	320x220x70	180x240x55	2000	Coffee	KITDVPLA2BICFIG
67341					White	KITDVPLA2BIBIIG
69351					Grey	KITDVPLA2BIGRIG
69355	Playa 3 / Standard	420x220x70	180x340x55	3000	Coffee	KITDVPLA3BICFIG
69356					White	KITDVPLA3BIBIIG
69358					Grey	KITDVPLA3BIGRIG
67342	Playa 1 / Bubbles & Heater	220x220x70	180x140x55	1200	Coffee	KITDVPLARB1BICFIG
67343					White	KITDVPLARB1BIBIIG
69352					Grey	KITDVPLARB1BIGRIG
67344	Playa 2 / Bubbles & Heater	320x220x70	180x240x55	2000	Coffee	KITDVPLARB2BICFIG
67345					White	KITDVPLARB2BIBIIG
69354					Grey	KITDVPLARB2BIGRIG
69361	Playa 3 / Bubbles & Heater	420x220x70	180x340x55	3000	Coffee	KITDVPLARB3BICFIG
69363					White	KITDVPLARB3BIBIIG
69364					Grey	KITDVPLARB3BIGRIG

## Panels



COFFEE

WHITE

GREY

## Upholstery (Living Option)

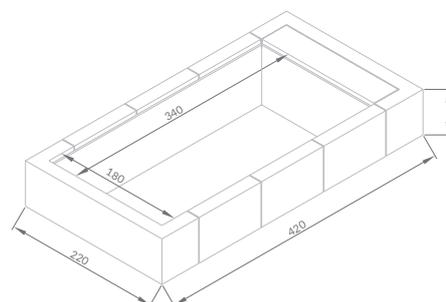
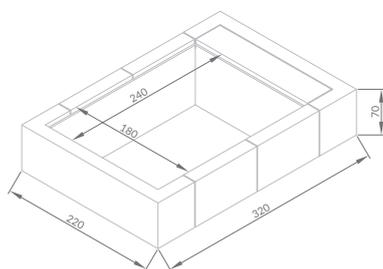
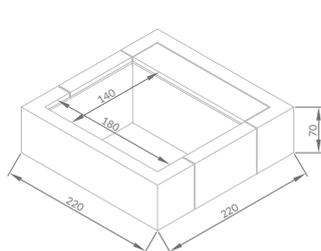


NATURAL-N

WATER-W

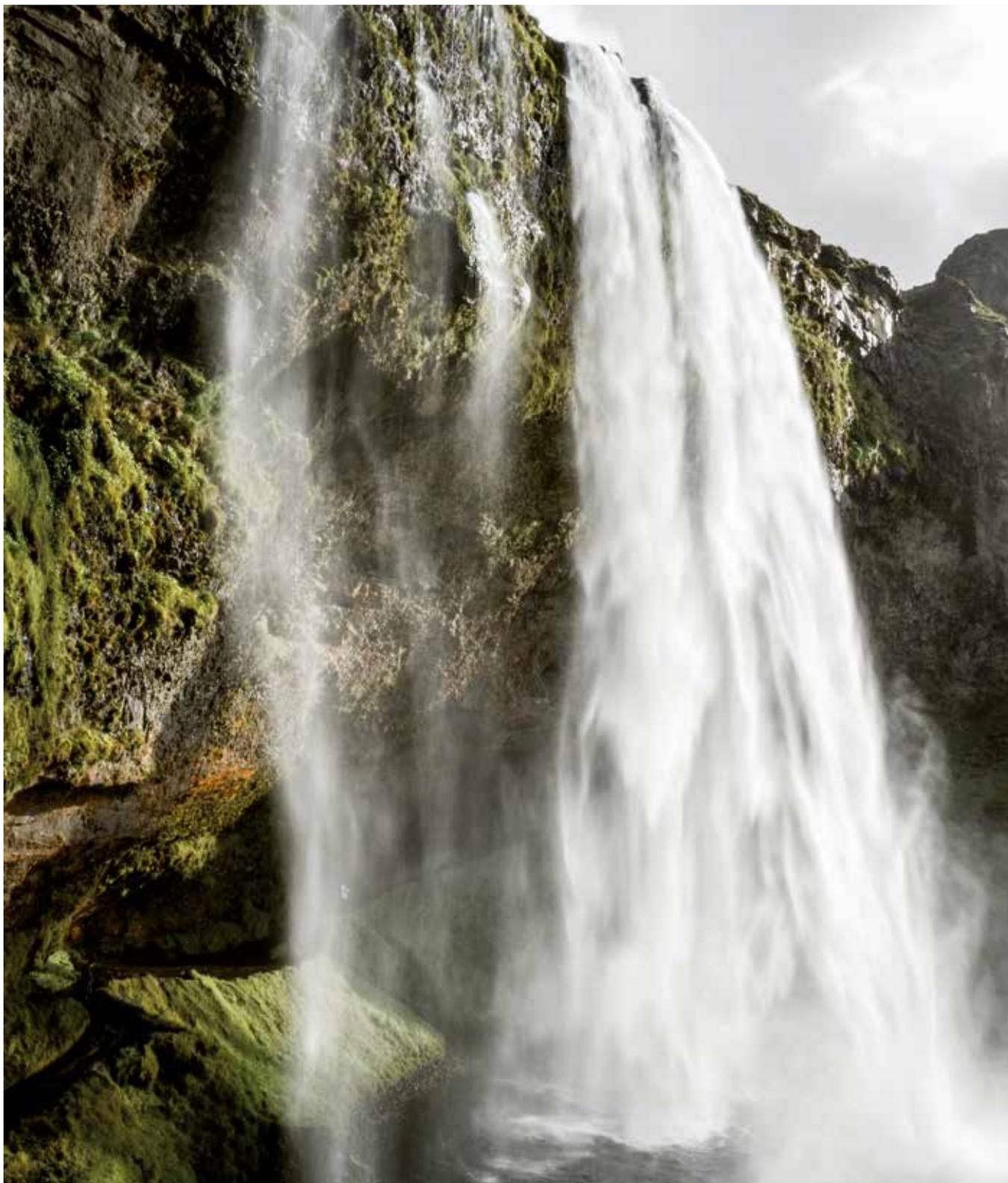
BROWN-B

GREY-G



## HYDRO LEISURE ELEMENTS

- + There are many variations of hydrotherapy, with spa water elements providing remarkable benefits that both relax and stimulate the nervous system.
- + AstralPool's range of hydrotherapy products, made of stainless steel, includes both outdoor pool elements and indoor sets. The clean, elegant design is paired with the finest finishes.
- + It releases the body's tension in a massage circuit using pressurized water.



HYDRO LEISURE ELEMENTS

POOL SURROUND CASCADE



A cascade for the pool surround designed to create an intense yet deeply relaxing curtain of water. This accessory is made from mirror-polished AISI 316 stainless steel and has to be ordered with the anchor plate for secure installation.

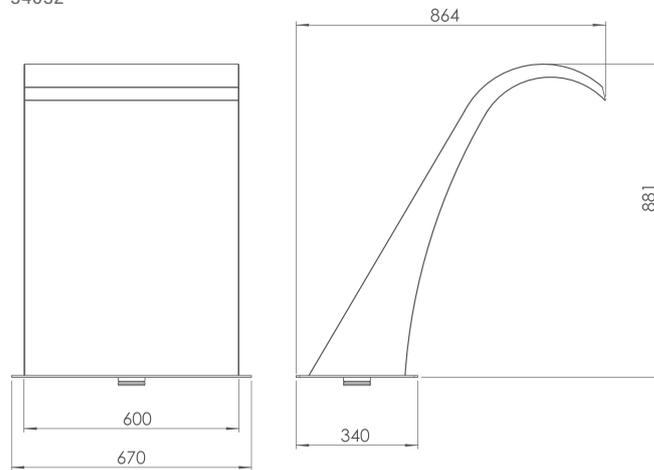
	Code
Pool Surround Cascade	34032
Anchoring Plate	34033

**Complementary accessories**

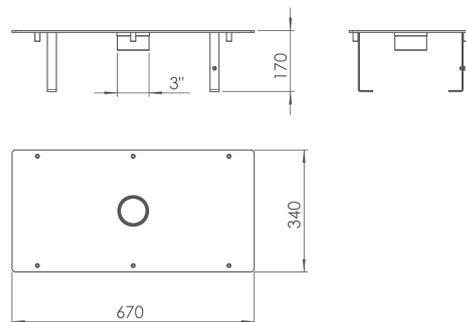
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

\* For a total water pressure head loss of 10 m.w.c.

34032



34033



# POOL SURROUND WATER JET



Water jet for pool surround, featuring swan-neck shaped cylindrical section, providing a high-pressure jet of water for a relaxing cervical massage. This accessory is made from polished AISI -316 stainless steel and has to be ordered with the anchor plate for secure installation.

Code

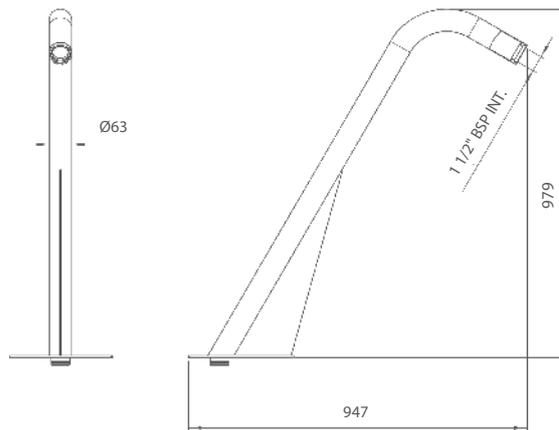
Pool Surround Water Jet	34039
Anchoring Plate	34040
Uniform pressure nozzle	34041
Double pressure nozzle	34042
Diffuser spray nozzle	34043
Fan spray nozzle	34044

**Complementary accessories**

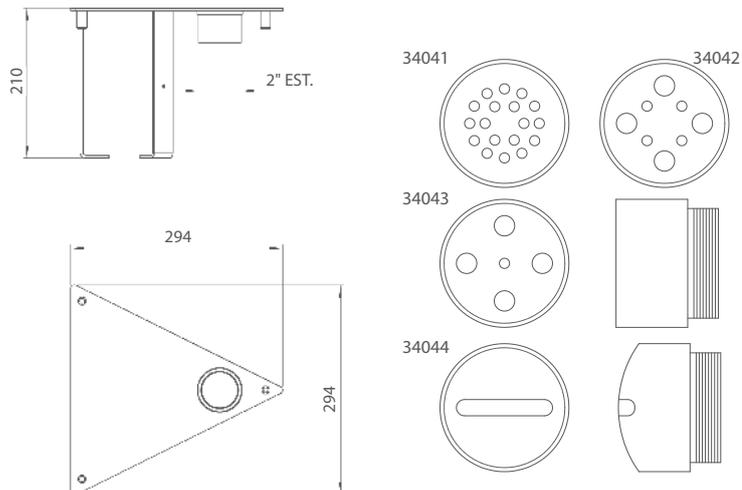
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

\* For a total water pressure head loss of 14 m.w.c.

34039



34040



HYDRO LEISURE ELEMENTS



## WALL-MOUNTED WATER JET

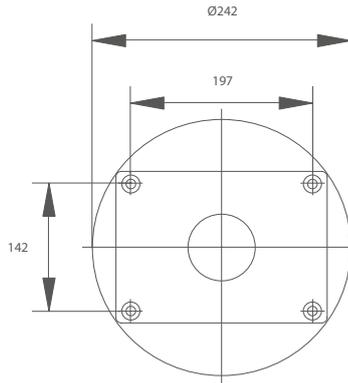
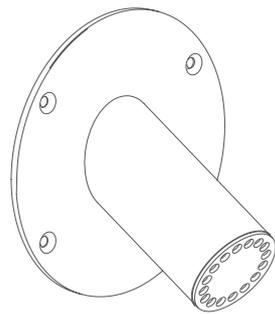


Wall-mounted water jet with cylindrical cross-section. Designed to produce multiple high-pressure water jets for a back and shoulder massage of medium intensity, depending on model. This accessory is manufactured from polished AISI-316 stainless steel. Anchor system for wall mounting.

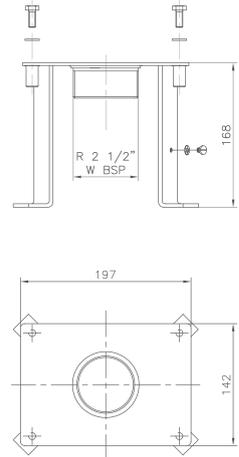
Code

Wall-mounted circular water jet Ø84	34464
Rectangular concrete pool anchor	19983

34464



19983



## CERVICAL MASSAGE JET



The Astralpool's Neck massage has 6 jets oriented with focus on the cervical area. Its medium massage intensity allows its use for a long time. Ideal to install on the seating area. It is an element made of polished stainless steel AISI-316.

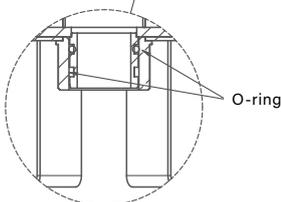
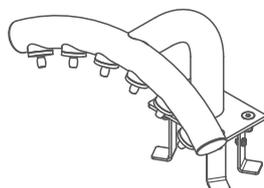
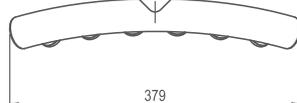
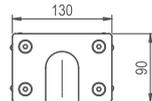
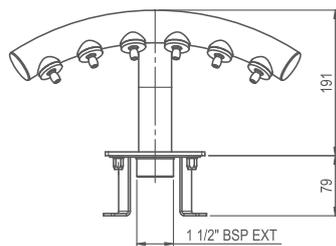
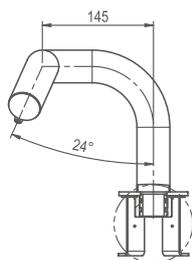
Code

Cervical Massage Jet	60792
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**Complementary accessories**

Recommended pump*	65558
Suction concrete	19987
Suction liner	20091
Push button and timer	45219+35761

\* For a total water pressure head loss of 8 m.w.c.



DETAIL A  
SCALE 1 : 2

# MASSAGE NOZZLES



Set comprising three massage effect nozzles, using a combination of water and air to stimulate calves, thighs and hips. These are hung in a vertical arrangement on the wall of the pool, at a height of 30, 60 and 90 cm from the pool bottom. The set is completed with a polished rounded stainless steel handrail which can either be attached to the pool surround or the wall of the pool itself. This handrail serves two functions - it gives pool users something to hold onto whilst allowing air to enter through holes situated along its length which is then directed to the nozzle by the so-called Venturi effect.

Code

3 Massage Nozzle Kit for Concrete	43049
Handrail for massage nozzle set	34050

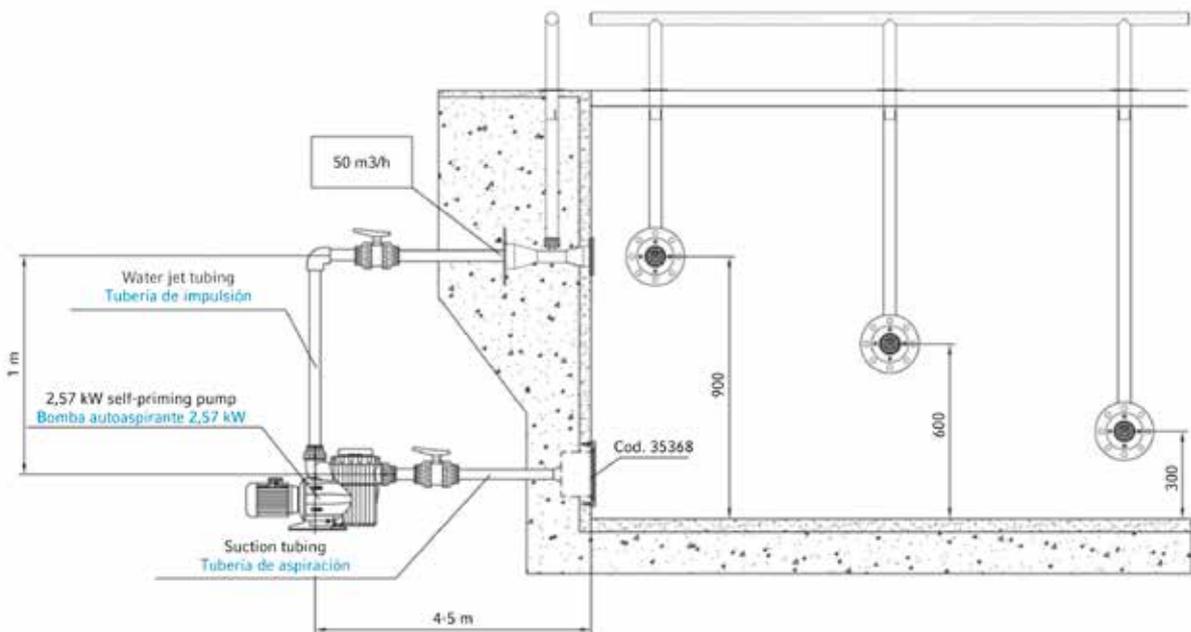
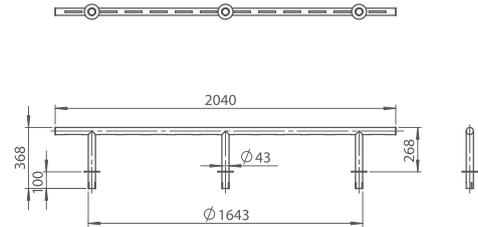
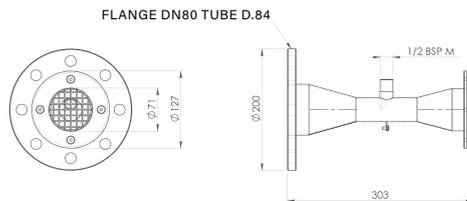
**Complementary accessories**

Water feature concrete	34049 + 34050
Water feature liner	40981 + 34050
Recommended pump*	08003
Suction concrete	35368
Push button and timer	45219+35761-

\* For a total water pressure head loss of 10 m.w.c.

34049

34050



HYDRO LEISURE ELEMENTS



# HYDROMASSAGE JET



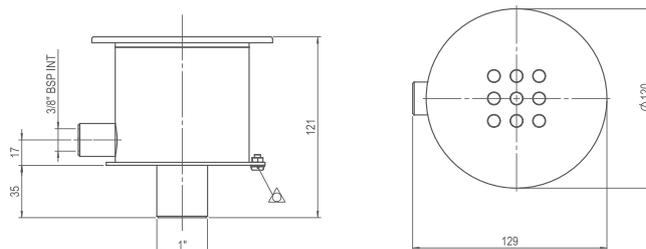
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect. This accessory is 100% mirror-polished AISI-316 stainless steel with interchangeable nozzles.

Code

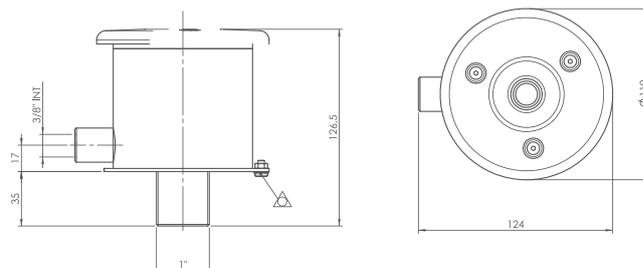
9 Nozzle Trim and Jet Set Concrete  
Ball jet trim set concrete

35753  
35754

35753

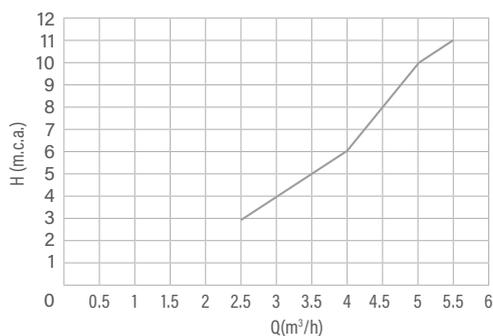


35754



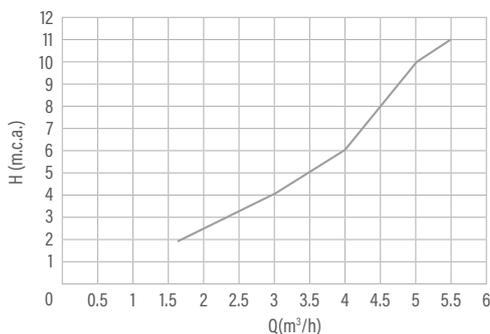
TECHNICAL FEATURES 35753

Pressure (m.c.a.)	Water flow (m <sup>3</sup> /h)	Observation
1	1	
2	1.6	
3	2.5	Effect start
4	3	
5	3.5	Recommended water flow
6	4	
7	4.25	
8	4.5	
9	4.75	
10	5	
11	5.5	



TECHNICAL FEATURES 35754

Pressure (m.c.a.)	Water flow (m <sup>3</sup> /h)	Observation
1	0.75	
2	1.6	
3	2.5	Effect start
4	3	
5	3.5	Recommended water flow
6	4	
7	4.25	
8	4.5	
9	4.75	
10	5	
11	5.5	



# HYDROMASSAGE MINI JET



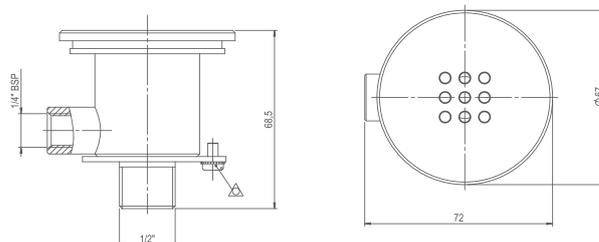
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect.

Code

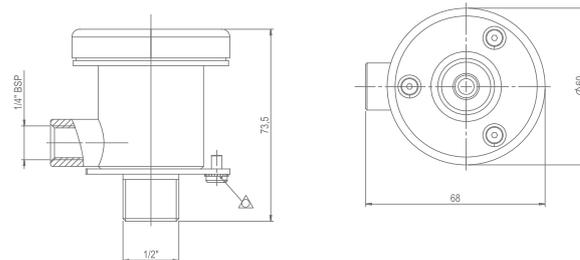
9 Nozzle Trim and Minijet Set  
Ball minijet trim set

41282  
41283

41282

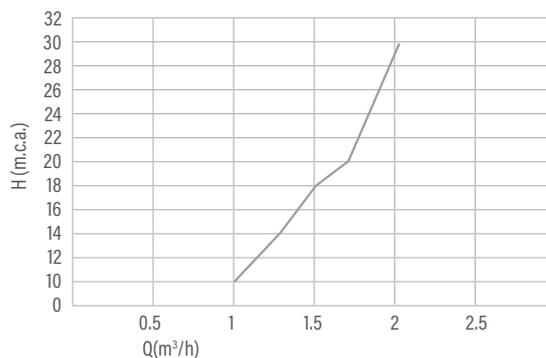


41283



TECHNICAL FEATURES

Pressure (m.c.a.)	Water flow (m <sup>3</sup> /h)	Observation
10	1	
12	1.2	
14	1.3	
16	1.4	
18	1.5	
20	1.6	
22	1.65	
24	1.7	
26	1.8	
28	1.9	
30	2	



HYDRO LEISURE ELEMENTS

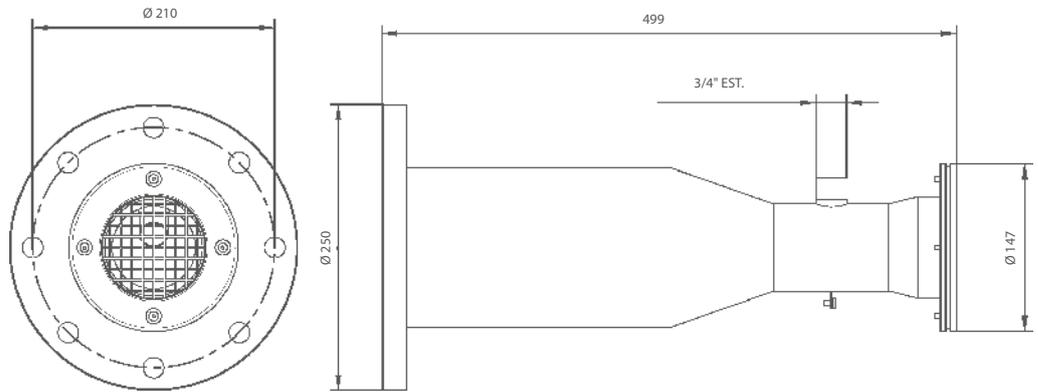
# DYNAMIC HYDRO-CHANNEL JET



Comprised of a set of water jet nozzles in mirror-polished stainless steel which, when situated and directed correctly, provide a flow of water using recycled pool water. Creates water currents of varying strengths.

	Code
Dynamic Hydro-Channel Jet Concrete	34055
<b>Complementary accessories</b>	
Water feature concrete	34055
Recommended pump*	08003
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

\* For a total water pressure head loss of 10 m.w.c.



HYDRO LEISURE ELEMENTS

POOL FLOOR MASSAGE GRILLS



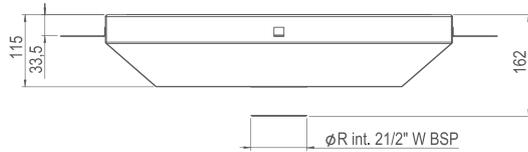
Pool floor massage effect air bubble generator. Cylindrical polished stainless steel accessory to be installed in pool floors, specially prepared for concrete pools. Available for liner installation on request.

Code

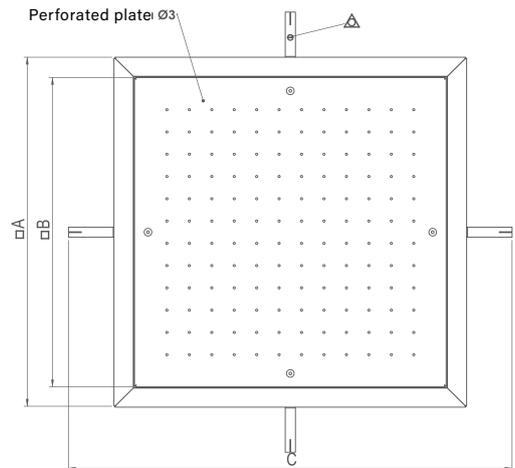
Hydromassage grill Ø300 mm concrete	35078
Hydromassage grill 300 x 300 mm concrete	35077
Hydromassage grill 500 x 500 mm concrete	35074
Hydromassage grill 675 x 675 mm concrete	35075
Hydromassage grill 750 x 750 mm concrete	35076

Water feature concrete	Recommended air blower*	Push button and timer
35078	35388	45219 + 35761
35077	35388	45219 + 35761
35074	31091	45219 + 35761
35075	31091	45219 + 35761
35076	31091	45219 + 35761

\* For a total water pressure head loss of 120 mbar.



Code	A	B	C
35074	550	490	692
35075	675	615	830
35076	750	690	905
35077	300	240	455



HYDRO LEISURE ELEMENTS

# BUBBLE SNAKE



Elongated pool floor massage effect air bubble generator. The casing is made from polished stainless steel in the form of a long snake, to be installed in pool floors. The steel sheeting has holes along its length to allow the bubble to escape and create the desired effect.

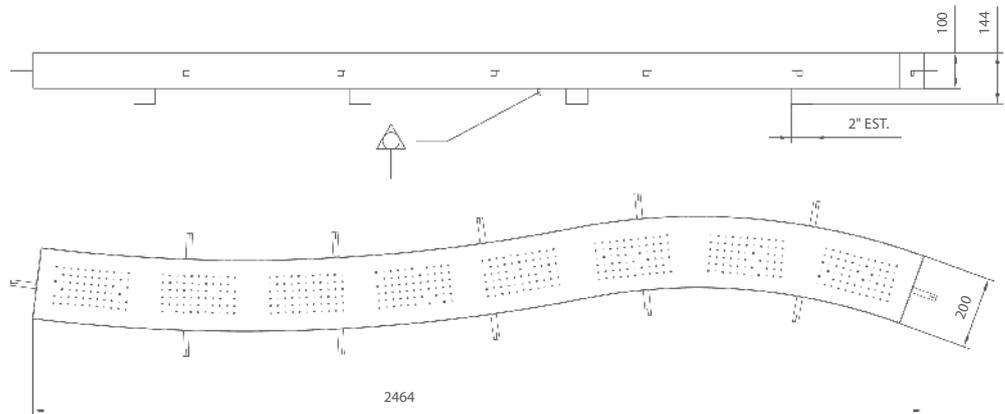
Code

Bubble snake for concrete 34048

**Complementary accessories**

Water feature concrete 34048  
 Water feature liner 40980  
 Recommended air blower\* 31092  
 Push button and timer 45219+35761

\* For a total water pressure head loss of 120 mbar.



HYDRO LEISURE ELEMENTS



# HYDROMASSAGE BENCH



Elongated massage effect air bubble generator for pool floor and/or bench for feet and buttocks. Polished AISI 316 rectangular or semi-circular stainless steel casing accessory for mounting on pool bottoms or benches. The steel sheeting has holes along its length to allow the bubble to escape and create the desired effect.

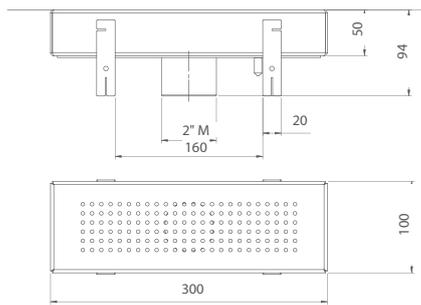
Code

300 mm Model for Concrete	60714
300 mm Model Liner	60746
600 mm Model for concrete	34051
1200 mm Model for concrete	34052

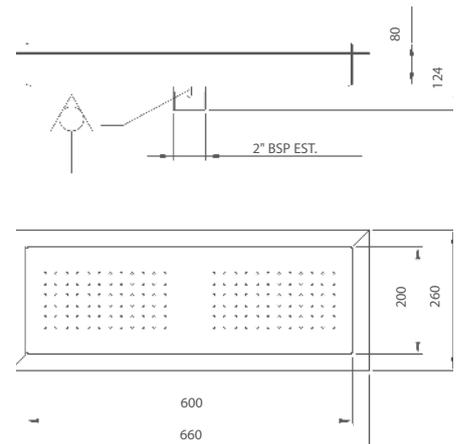
Water feature concrete	Water feature liner	Recommended air blower*	Push button and timer
34051	Request	35387	45219 + 35761
34052	Request	31091	45219 + 35761
60714	60746	35388	45219 + 35761

\* For a total water pressure head loss of 100 mbar.

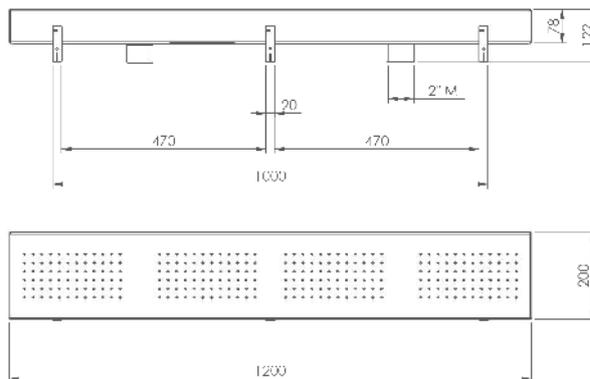
60714 68746



34051



34052



HYDRO LEISURE ELEMENTS

AIR BEDS



Ergonomically designed massage accessory with air jets in the back, lumbar and leg regions. The bed is comprised of stainless steel casing with air holes situated in the key massage areas. The range includes both a single and double model.

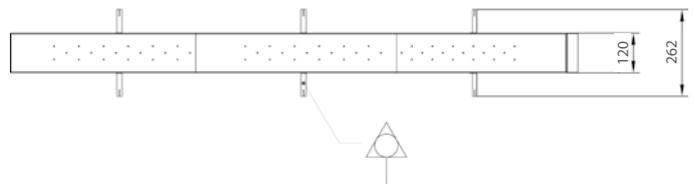
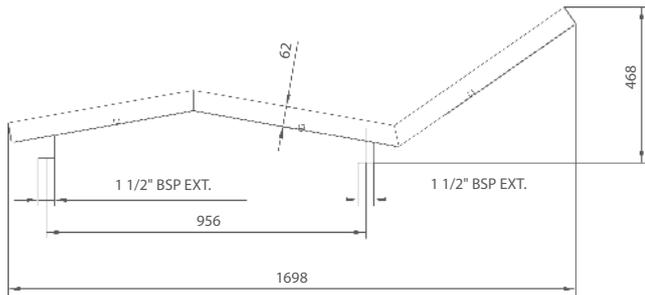
Code

Single model for concrete	35249
Double model concrete	35250
Double model liner	41159

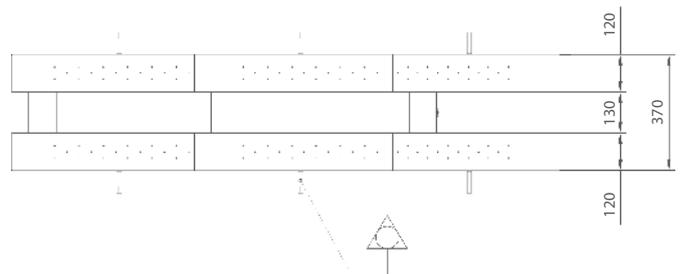
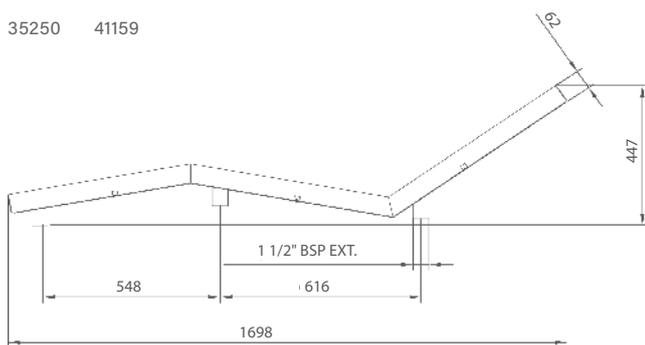
Water feature concrete	Water feature liner	Recommended air blower*	Push button and timer
35249		35388	45219 + 35761
35250	41159	31091	45219 + 35761

\* For a total water pressure head loss of 100 mbar.

35249



35250 41159



# HYDROMASSAGE LOUNGER



Manufactured in AISI-316 stainless steel and ergonomically designed to provide maximum comfort. The system is based on air which is injected through the base of the lounger, providing a muscle-relaxing massage. Available in two versions: embedded or installed with column.

Code

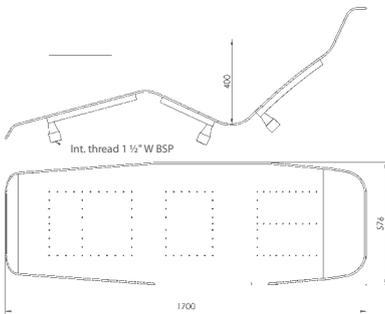
1700 mm Embedded Lounger	31998
1700 mm Embedded Column Lounger	31996
1450 mm Embedded Column Lounger	32070
500 mm Column for lounger	31997L0500
Rectangular anchor for concrete pool	19983
Rectangular anchor for prefabricated pool	15833

Water feature concrete	Water feature liner	Recommended air blower*	Push button and timer
31998		31091	45219 + 35761
32071	41159	31091	45219 + 35761

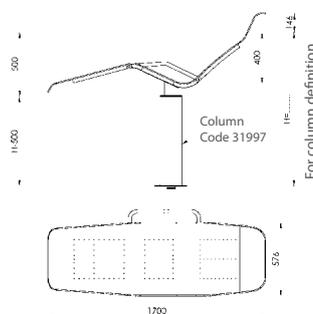
Lounger	Column	Concrete anchoring	Liner anchoring	Recommended air blower*	Push button and timer
31996	31997	19983	15833	31091	45217 + 35761

\* For a total water pressure head loss of 100 mbar.

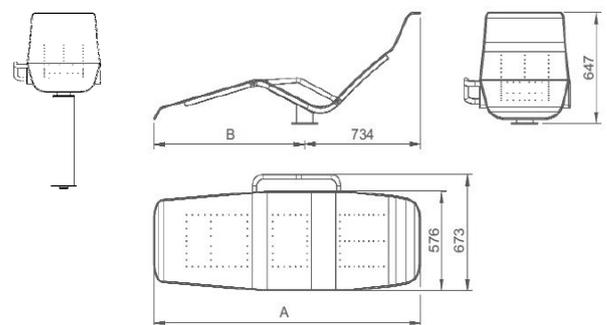
31998



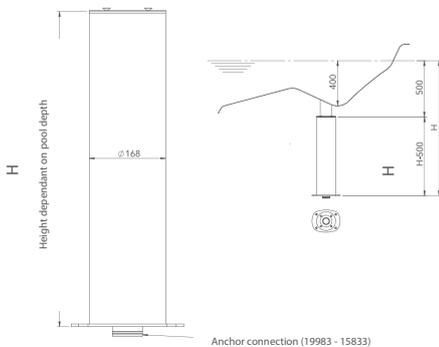
31996



32070



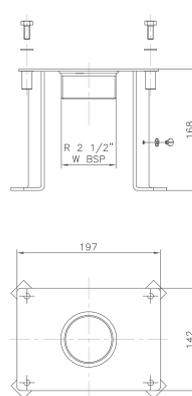
31997L0500



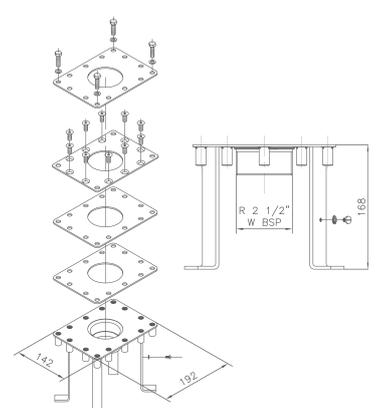
Anchor connection (19983 - 15833)

To be specified in orders.  
H: Column height  
H = Pool depth - 500

19983



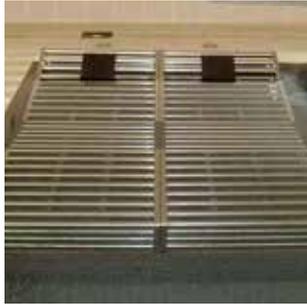
15833



HYDRO LEISURE ELEMENTS



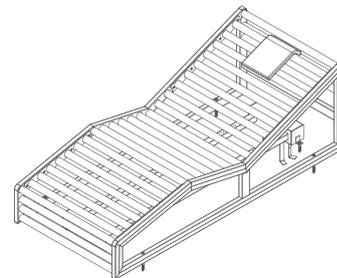
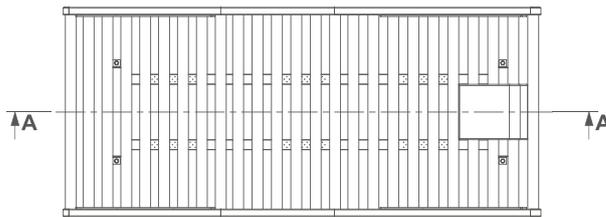
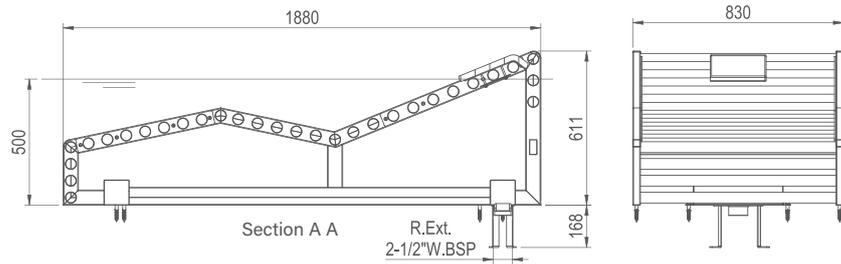
# HYDROMASSAGE BED



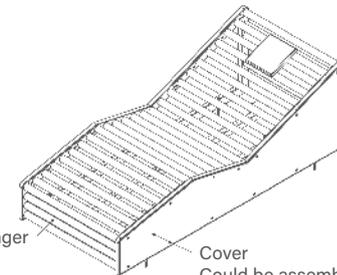
An elegant, modern design made of stainless steel tubes. Its flexible design allows as many beds as desired to be linked in parallel, achieving variable widths adaptable to each project.

	Code
Tubular concrete hydromassage bed	58812

\* Can be customised with logo.

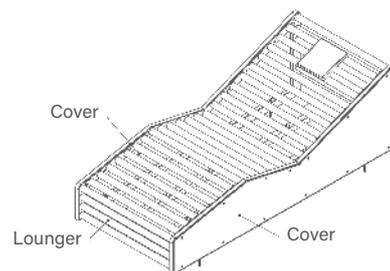


58812



67746  
1 cover

Cover  
Could be assembled in the right or the left side



67747  
2 covers

## SPAECIAL HYDROMASSAGE BEDS

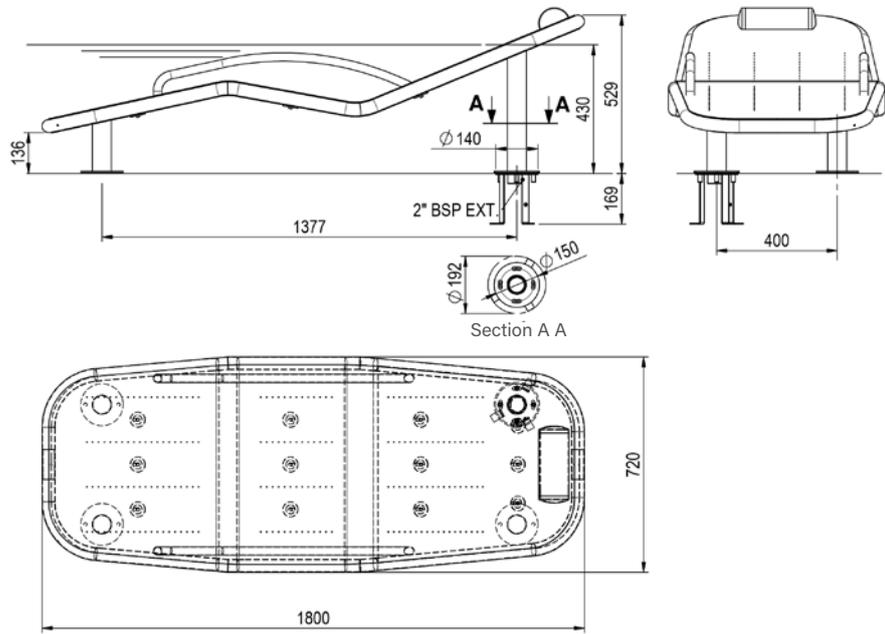
Stainless steel ergonomic waterbed for individual use. Composed of 200 air micro-outlets which provide a relaxing and pleasant massage. Easy installation.



Code

Spaecial hydromassage bed

45665



HYDRO LEISURE ELEMENTS

# HIGH FLOW SUCTION GRILLS

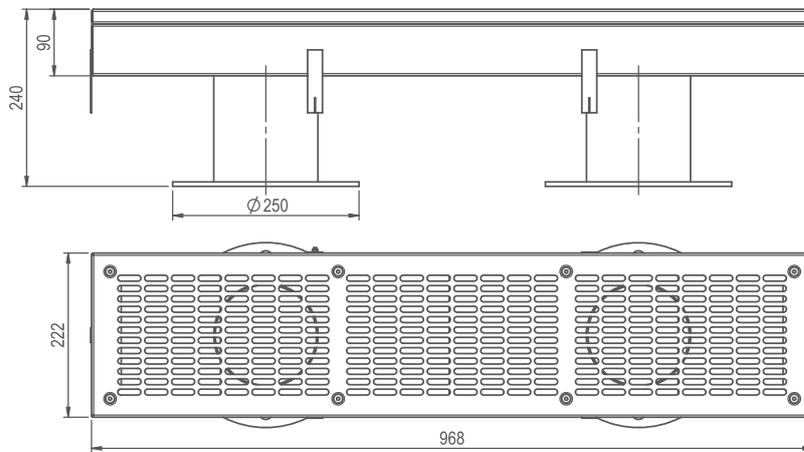


An attractive element manufactured in AISI-316 stainless steel, comprised of a frame and modular grill, this piece has been specially designed to protect the suction tubes which feature in high-flow grills.

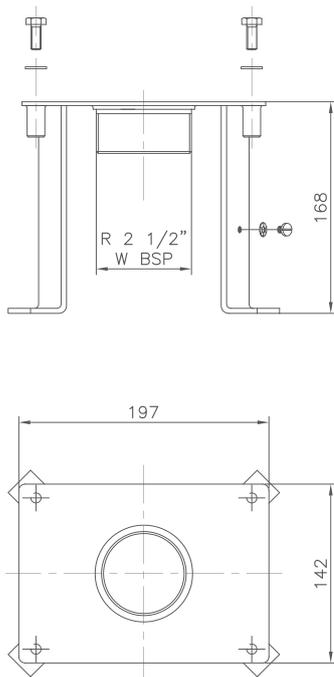
Code

High Flow Rate Suction Cabinet of 120 m <sup>3</sup> /h for concrete	58814
Rectangular anchor for concrete pool	19983
Rectangular anchor for prefabricated pool	15833

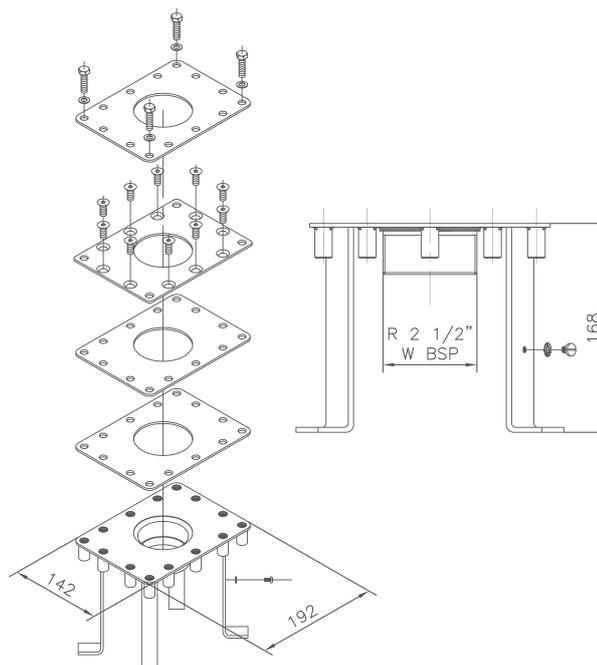
58814



19983



15833



## AIR BLOWERS



Air pump designed for spas, baths, hydromassage installations and similar which produces a constant stream of air bubbles at medium and high air volume levels. It can also be used to stir up the filter bed, for example in back wash cycles where a low intensity air current is required.

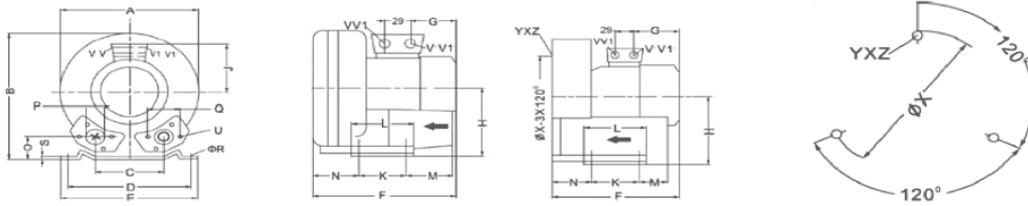
Code	Pump Power	Flow	Pressure	Voltage
35387-FG	0.75 kW 3 phase	144	190	110 / 220 V
35388-FG	0.75 kW 3 phase	144	190	220 / 380 V
31090-FG	1.1 kW single phase	216	180	220 V
31091-FG	1.3 kW 3 phase	216	180	220 / 380V
31092-FG	1.75 kW 3 phase	216	250	220 / 380 V
35389-FG	1.75 kW 3 phase	156	320	220 / 380 V
31093-FG	2.2 kW 3 phase	312	220	220 / 380 V
31094-FG	3.4 kW 3 phase	222	410	220 / 380 V
31095-FG	3.4 kW 3 phase	312	280	200 / 380 V
31096-FG	4 kW 3 phase	312	280	200 / 380 V
31097-FG	5.5 kW 3 phase		280	200 / 380 V
31098-FG	7.5 kW 3 phase		360	380 / 660 V
33970-FG	0.4 kW 3 phase			
33971-FG	1.5 kW single phase			
33972-FG	5.5 kW 3 phase			
33973-FG	11 kW 3 phase			

COMPRESSION @ 50Hz - PRESSURE (mbar) / FLOW (m³/h)

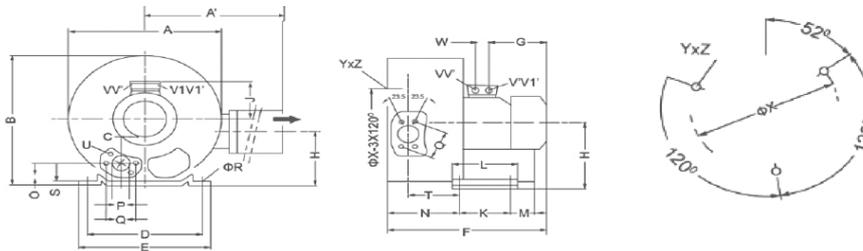
Model	Conn.	kW	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625	650	
BL02000100400	33970-FG	1"1/4	0.4	80	58	45	33	12																				
BL04000100900	35387-FG	1"1/2	0.85	140	112	100	90	70	55																			
BL040001M0900	35388-FG	1"1/2	0.85	140	112	100	90	70	55																			
BL05000101300	31091-FG	2"	1.5	210	180	165	145	125	115																			
BL050001M1300	31092-FG	2"	1.5	210	180	165	145	125	115																			
BL05000101500	31090-FG	2"	1.5	210	180	165	145	125	115	90																		
BL050001M1500	33971-FG	2"	1.5	210	180	165	145	125	115	90																		
BL06000102200	31093-FG	2"	2.2	320	290	270	250	230	210	200	180																	
BL06000103000	31095-FG	2"	3	320	290	270	250	230	210	200	180	165	140	120														
BL07000105500	31097-FG	2"1/2	5.5	520	490	470	430	410	395	380	355	330	305	290	255													
BL07000107500	31098-FG	2"1/2	7.5	520	490	470	430	410	395	380	355	330	305	290	255	240	220	200	180	160	130							
BL42000201600	35389-FG	1"1/2	1.6	150	135	130	125	120	115	100	95	90	85	75														
BL52000203000	31094-FG	2"	3	230	220	210	195	185	175	170	165	155	145	135	125	120	110	100	85	80								
BL52000204000	31096-FG	2"	4	230	220	210	195	185	175	170	165	155	145	135	125	120	110	100	85	80	70	60	50					
BL62000205500	33972-FG	2"	5.5	340	335	320	310	295	290	280	265	255	245	240	230	225	220	215	200	190	180	170	155	145				
BL92000211000	33973-FG	2"1/2	11	520	495	480	470	455	440	430	420	410	390	380	375	370	360	340	335	330	320	315	300	290	280	270		

HYDRO LEISURE ELEMENTS

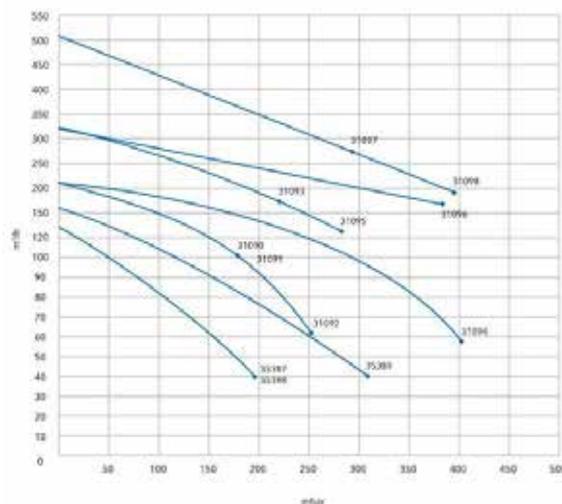
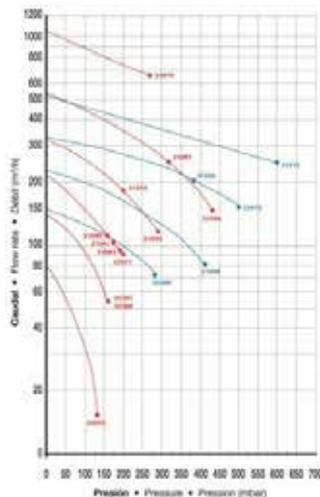
AIR BLOWERS



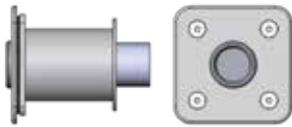
																	(1~)	(3~)																			
	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	L	M	N	N'	O	P	P'	Q	ØR	S	T	U	V	V'	V1	V1'	W	α	ØX	XYZ	holes X
33970-FG	246	247	90	205	230	256						135	128	101	83	108	75	71	39	G1¼		64	10	3		M6x19			M25x1.5	M16x1.5			140	M6x15	0°/120°/240°		
35387-FG	286	302	115	225	255	292						160	154	120	95	130	70	75	46	G1½		72	12	3		M6x19			M25x1.5	M16x1.5			174	M6x15	0°/120°/240°		
35388-FG	286	302	115	225	255	294						160	154	120	95	130	70	75	46	G1½		72	12	3		M6x19	M16x1.5	M25x1.5					174	M6x15	0°/120°/240°		
31091-FG	334	337	120	260	295	346						191	175	128	115	155	96	87	48	55		83	14	4		M8x17			M25x1.5	M16x1.5	29		200	M8x20	0°/120°/240°		
31092-FG	334	337	120	260	295	346						191	175	128	115	155	96	87	48	55		83	14	4		M8x17			M25x1.5	M16x1.5	29		200	M8x20	0°/120°/240°		
31090-FG	334	337	120	260	295	346						191	175	128	115	155	96	87	48	55		83	14	4		M8x17			M25x1.5	M16x1.5	29		200	M8x20	0°/120°/240°		
33971-FG	334	337	120	260	295	346						191	175	128	115	155	96	87	48	55		83	14	4		M8x17			M25x1.5	M16x1.5	29		200	M8x20	0°/120°/240°		
31093-FG	382	384	125	290	325	377						191	197	128	140	180	84	109	54	55		83	15	4.5		M8x17			M32x1.5	M32x1.5	29		240	M10x20	0°/120°/240°		
31095-FG	382	384	125	290	325	409						188	197	135	140	180	84	109	54	55		83	15	4.5		M8x17			M32x1.5	M32x1.5	42		240	M10x20	0°/120°/240°		
31097-FG	451	461	509	152	356	394	433	477				230	240	148	170	217	140	124	65	2"1/2				15	6									286	M12x20	0°/120°/240°	
31098-FG	451	461	509	152	356	394	433	477				230	240	148	170	217	140	124	65	2"1/3				15	6									286	M12x20	0°/120°/240°	



																	(1~)	(3~)																			
	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	L	M	N	N'	O	P	P'	Q	ØR	S	T	U	V	V'	V1	V1'	W	α	ØX	XYZ	holes X
33970-FG	322	324	315	58	225	255	401					191	154	153	128	95	130	73	151		45	G1/2"		72	12	3	104	M6x19			M25x1.5	M16x1.5	28		174	M6x15	51.5°/171.5°/291.5°
35387-FG	372	411	371	60	260	295	465					190	175	144	135	115	155	98	171		48	55		83	14	4	116	M8x17			M32x1.5	M32x1.5	42		200	M8x20	51.5°/171.5°/291.5°
35388-FG	372	411	371	60	260	295	499					224	175	144	135	115	155	98	171		48	55		83	14	4	116	M8x17			M32x1.5	M32x1.5	42		200	M8x20	51.5°/171.5°/291.5°
31091-FG	426	426	410	154	290	325	571					226	197	162	167	140	180	200	205		53	G2		83	15	4.5	130	M8x17			M32x1.5	M32x1.5	42		240	M10x20	51.5°/171.5°/291.5°
31092-FG	500	549	490	509	76	356	394	694	717			318	240	199	197	170	217		212	84	105	G2½			15	6									286	M12x20	51.5°/171.5°/291.5°



HYDRO LEISURE ELEMENTS

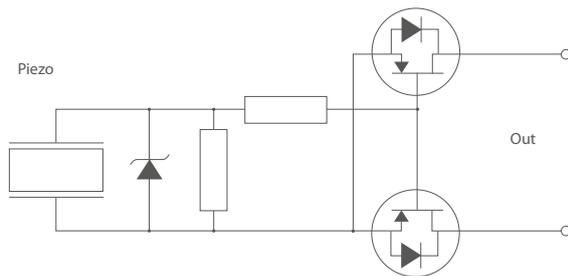
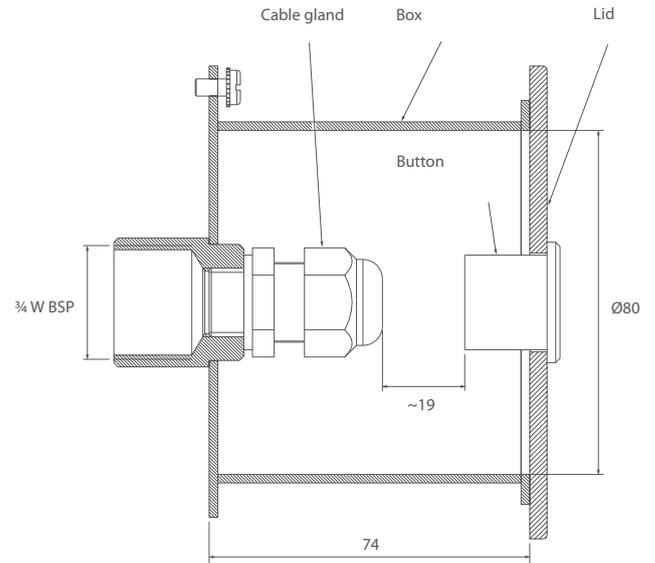
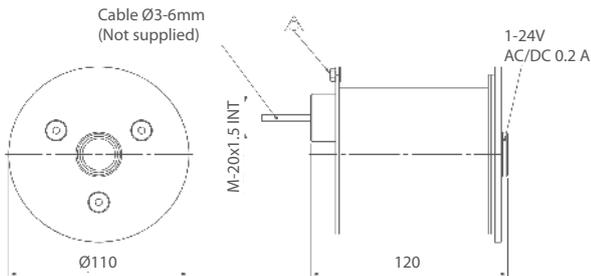


PIEZOELECTRONIC PUSH BUTTON KIT

A new piezoelectric push button with an attractive design. It is specially designed to work in adverse environments. Its high resistance helps reduce maintenance costs. Despite IP-68 protection, immersion is not recommended.

Code

Single piezoelectric push button	45219
1 LED push button	35759
2 LEDs push button	35760



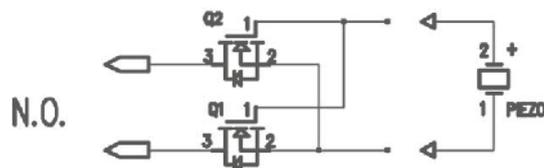
SINGLE PIEZOELECTRIC PUSH BUTTON



- Housing: stainless steel
- Connection: RED PVC WIRES 24 AWG
- Switching voltage: 1 - 24 V AC/DC
- Switching current: 0.200 A
- Switch resistance "on": <math><20\Omega</math>
- Switch resistance "off": >math>5\Omega</math>
- Actuation force: 3-5N
- Make impulse time: 125-300 mSEC
- Operating and storage temp: -40 °C to 125 °C.

Code

Single piezoelectric push button	60747
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HYDRO LEISURE ELEMENTS

# WATER EFFECT TIMER

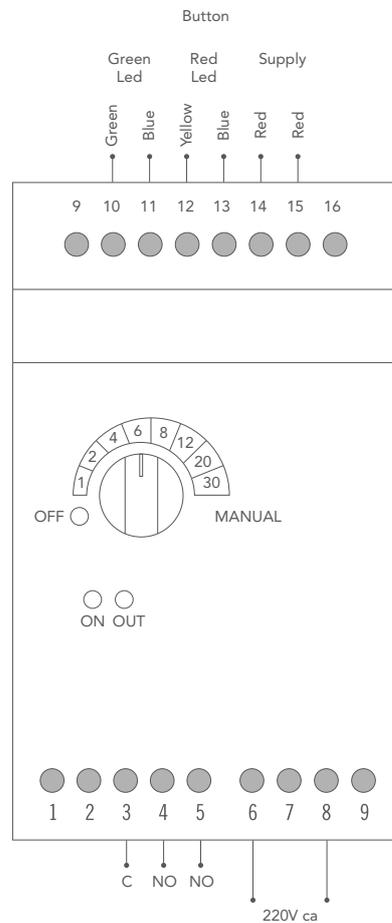


- Voltage: 220 V AC - 50 Hz.
- Maximum relay current: - 50 Hz 12 A.
- Contact type NC/NA.
- LED voltage outlet: red and green, independently.
- Timer dimensions 52 x 90 x 80 mm
- Times available: 1,2,3,4,5,6,7,8,10,12,15,20,25 and 30 minutes.
- LED indications:
- LEDs off = no voltage.
- Permanent green LED: relay circuit activated.
- Permanent red LED: relay circuit deactivated.
- Flashing green LED: 10 seconds to shut off.

**Regulations:**

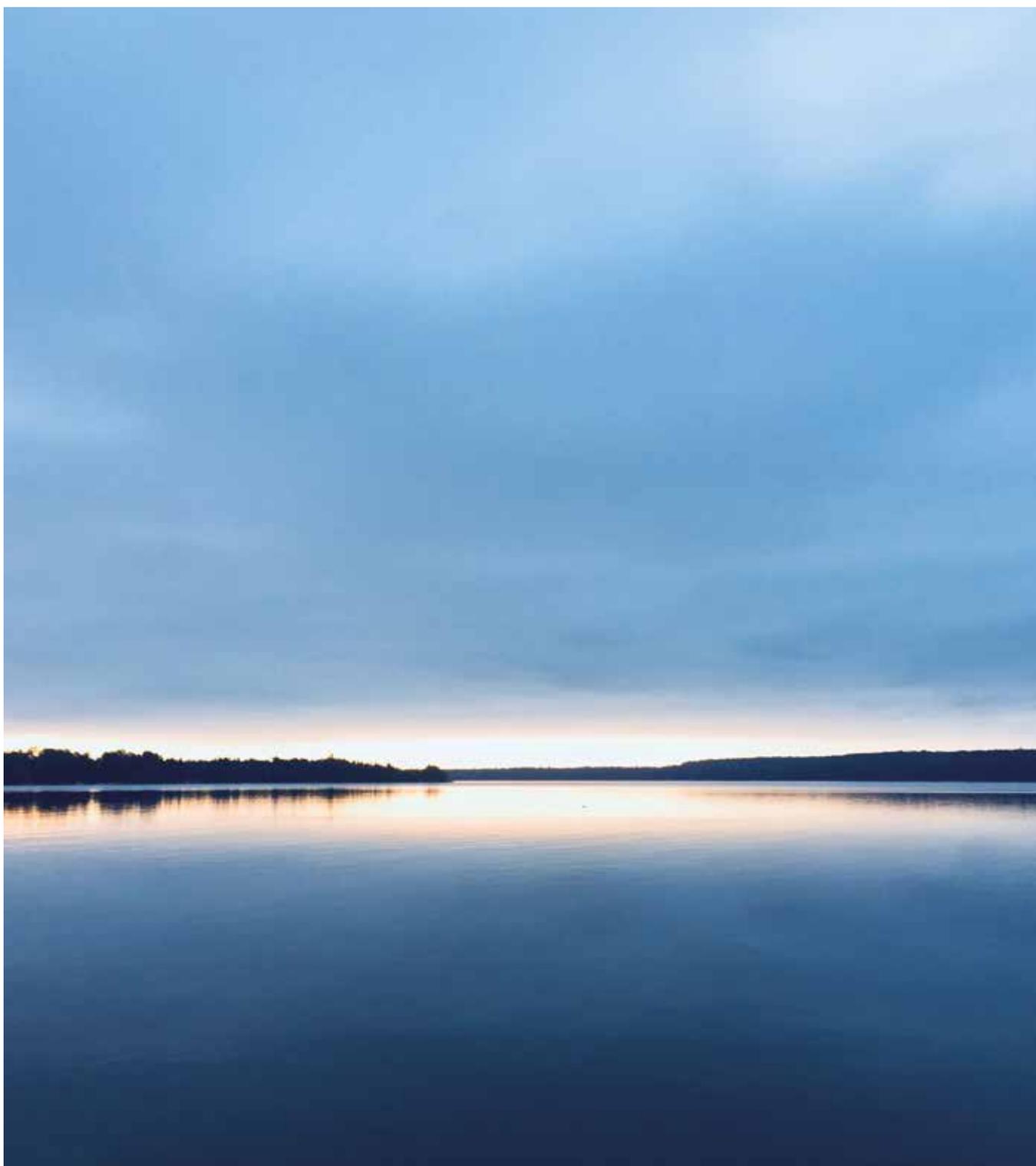
- Directive 2014/35/EU, on electrical equipment designed for use within certain voltage limits
- Directive 2014/30/EU, on electromagnetic compatibility
- Directive 2011/65/EU, on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- Directive 2009/125/EC on the framework for setting ecodesign requirements for energy-related products.

	Code
Water effect timer	35403



## SPA RANGE

- + Sit back, relax, and enjoy...
- + Water has also been essential for human survival, and the benefits of hydrotherapy have been known since ancient times.
- + Today, hydrotherapy is a natural solution used to alleviate and treat conditions including stress, anxiety, and insomnia, symptoms of our hectic lives.
- + Hydrotherapy helps stimulate blood circulation and eliminate toxins from the body and is an excellent tool for treating a range of diseases, as well as bone and muscle injuries.

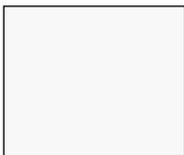




### Commercial spas with overflow channel and compact units

- + Spas designed for commercial spaces, gyms, wellness centres, hotels...
- + A wide range of options and finishes that cover all needs.
- + Spas with both an acrylic and mosaic tile finish.

## COLOUR CHART FOR SPAS



N° 44 WHITE



N° 59 STERLING



N° 64 PEARL SHADOW



N° 65 ALBA



N° 27 SILVER

### OPTIONAL EQUIPMENT

## CHROMOTHERAPY LED SPOTLIGHT,

for public spas only



The Mini LED spotlight is the best option for lighting public spas. Thanks to the high intensity LEDs, lighting is similar to that attained with conventional lamps.

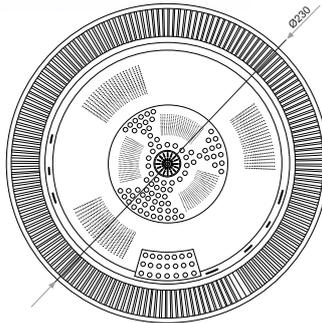
The range of LumiPlus Mini 2.0 projectors has a multitude of possible colour combinations and sequences with higher light intensity and better energy efficiency, which result in an 80% saving on electricity consumption compared with conventional projectors, as well as 100,000 hours of useful life time without the need for maintenance.

Chromotherapy LED spotlight option

STAINLESS STEEL SPAS



VULCANO



TECHNICAL FEATURES

Dimensions in cm ( $\pm 1$ cm)	$\emptyset$ 230 x 90
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	12 + 15
Recommended compact kit	Kit 75 - Code 05135

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

VULCANO circular stainless steel SPA + Spotlight

43723

MERCURIO

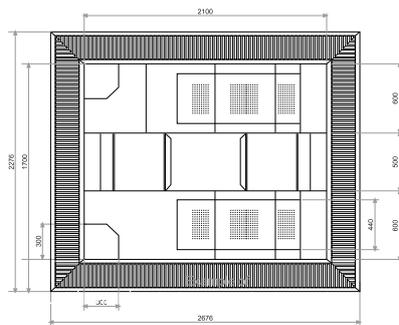


TECHNICAL FEATURES

Dimensions in cm ( $\pm 1$ cm)	268 x 230 x 90
Positions (Seats / Loungers)	4 (2 / 2)
Jets + nozzles	12 + 29
Recommended compact kit	Kit 75 - Code 05135

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code



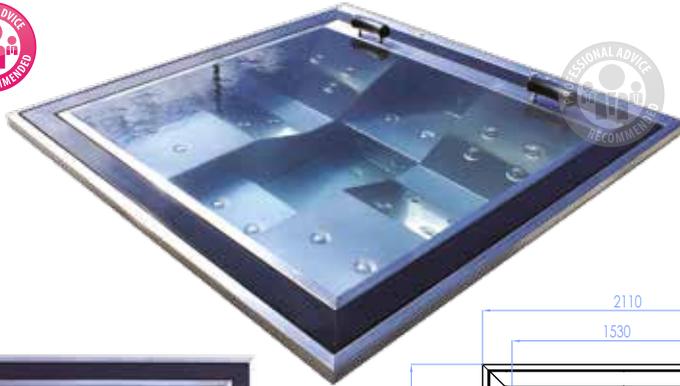
MERCURIO Rectangular Stainless steel SPA + Spotlight

71470

STAINLESS STEEL SPAS



VENUS



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	211 x 211 x 90
Positions (Seats / Loungers)	4 (2 / 2)
Jets + nozzles	20 + 16
Recommended compact kit	Kit 75 - Code 05135

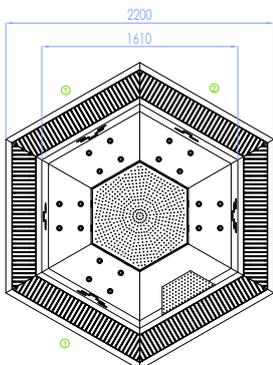
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

VENUS Rectangular Stainless steel SPA + Spotlight

46027

NEPTUNO



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	254 x 220 x 100
Positions (Seats / Loungers)	5 (5 / -)
Jets + nozzles	23 + 20
Recommended compact kit	16412

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

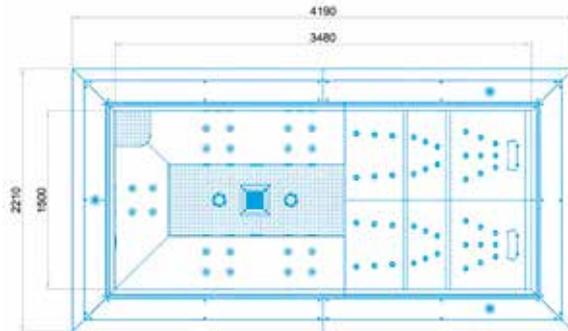
NEPTUNO Design Stainless steel SPA + Spotlight

71473

STAINLESS STEEL SPAS



ZEUS



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	348 x 150 x 98
Positions (Seats / Loungers)	7 (5 / 2)
Jets + nozzles	25 + 62
Recommended compact kit	Send inquiry

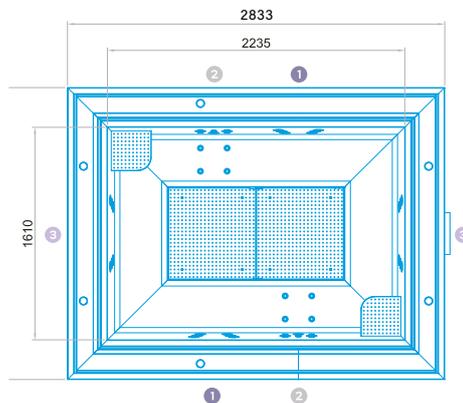
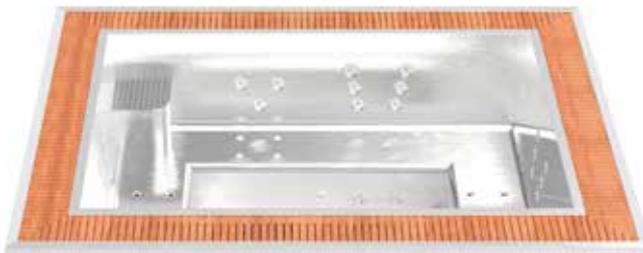
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

ZEUS Rectangular Stainless steel SPA + Spotlight

71474

APOLO 6



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	224 x 162 x 98
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	34 + 16
Recommended compact kit	16412

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

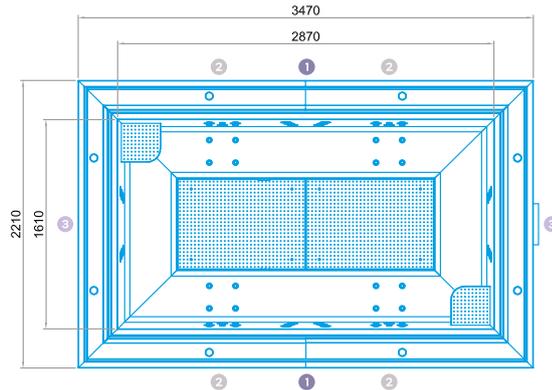
Code

APOLO Rectangular Stainless steel SPA + Spotlight

71475

STAINLESS STEEL SPAS

APOLO 8



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	288 x 162 x 98
Positions (Seats / Loungers)	8 (8 / -)
Jets + nozzles	40 + 24
Recommended compact kit	43639

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

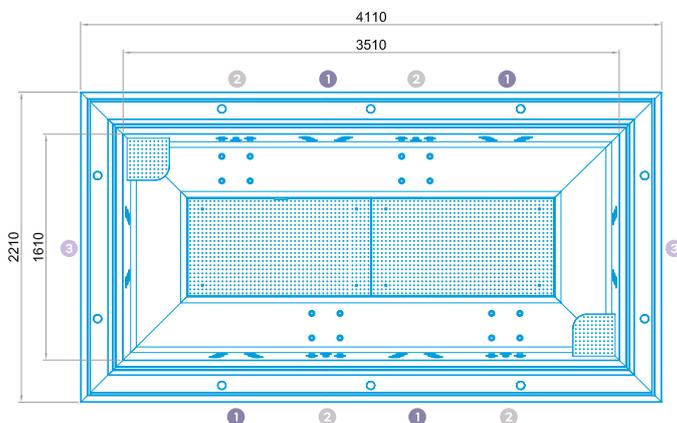
Code

APOLO Rectangular Stainless steel SPA + Spotlight

71476

WATER

APOLO 10



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	352 x 162 x 98
Positions (Seats / Loungers)	10 (10 / -)
Jets + nozzles	56 + 24
Recommended compact kit	43639

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

APOLO Rectangular Stainless steel SPA + Spotlight

71477

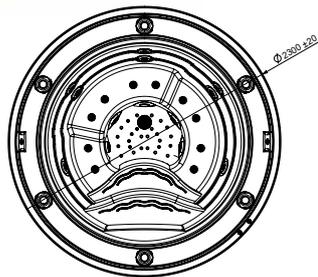
## ACRYLIC SPAS

ASTRALPOOL 

## ODISEA 20



WHITE COLOUR (44)



## TECHNICAL FEATURES

Dimensions in cm (± 1cm)	Ø 230
Positions (Seats / Loungers)	5 (5 / -)
Jets + nozzles	8 + 10
Recommended compact kit	Kit 50 / 75

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

Code

ODISEA Circular Acrylic SPA + Spotlight

45709

## MIRAGE 40

ASTRALPOOL 

COLOUR: A72

## TECHNICAL FEATURES

Dimensions in cm (± 1cm)	Ø 250
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	25 + 12
Recommended compact kit	Kit 75 2M

Spa cover and balance tank sold separately. See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

Code

MIRAGE Circular Acrylic SPA + Spotlight

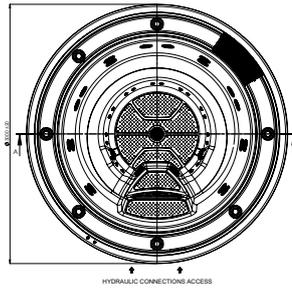
44630

ACRYLIC SPAS

ROMA



WHITE COLOUR (44)



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	Ø 300
Positions (Seats / Loungers)	9 (9 / -)
Jets + nozzles	18 + 18
Recommended compact kit	Kit 75 2M

Spa cover and balance tank sold separately. See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

Code

ROMA Circular Acrylic SPA + Spotlight

40769

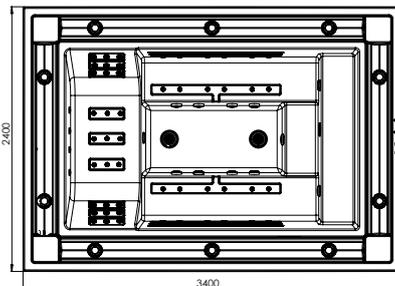
WATER

TOKYO 70



WHITE COLOUR (44)

TOKYO 70



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	340 x 240
Positions (Seats / Loungers)	7 (6 / 1)
Jets + nozzles	58 + 21
Recommended compact kit	Kit 75 3M

Spa cover and balance tank sold separately. See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

Code

TOKYO Rectangular Acrylic SPA + Spotlight

53990

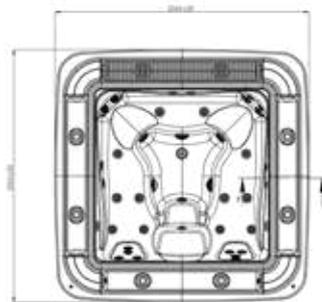
ACRYLIC SPAS



VERONA



WHITE COLOUR (44)



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	228 x 228
Positions (Seats / Loungers)	5 (3 / 2)
Jets + nozzles	24 + 12
Recommended compact kit	Kit 75 2M

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

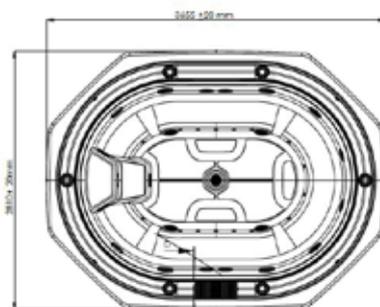
VERONA Rectangular Acrylic SPA + Spotlight

70550

OLYMPIA



WHITE COLOUR (44)



TECHNICAL FEATURES

Dimensions in cm (± 1cm)	365 x 280
Positions (Seats / Loungers)	12 (12/-)
Jets + nozzles	16 + 16
Recommended compact kit	Kit 75 2M

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank and compact filtration kit not included. Optional Cover sold separately.

Code

OLYMPIA Acrylic SPA + Spotlight

73587

ACRYLIC SPAS

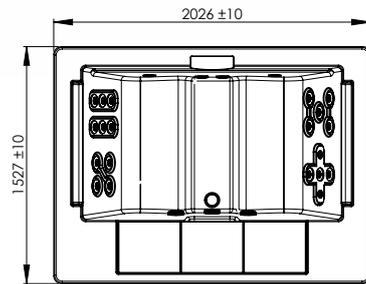
HOTEL SPA



WHITE COLOUR (44)  
GRAPHITE CABINET

TECHNICAL FEATURES

Dimensions in cm (± 1cm)	203 x 150 x 72
Positions (Seats)	4 (4)
Jets	20



New model that **fills** the hot tub with water **automatically**. It fills the hot tub with new water in only **45 minutes**, making it the perfect and most practical option for hotels.

Code

Graphite Cabinet + Stainless Steel Jets + Spotlight +EcoSpa + Cover

71463AL305

## STAINLESS STEEL SPAS Comparison of models

								
MODELS	Vulcano	Mercurio	Venus	Neptuno	Zeus	Apolo 6	Apolo 8	Apolo 10
	43723	71470	71471	71473	71474	71475	71476	71477
<b>GENERAL SPECIFICATIONS</b>								
Internal dimensions	Ø1.73 x 0.81 m	2.10 x 1.70 x 0.80 m	1.68 x 1.53 x 0.70 m	1.86 x 1.61 x 0.90 m	3.48 x 1.51 x 0.94 m	2.24 x 1.62 x 0.98 m	2.88 x 1.62 x 0.98 m	3.52 x 1.62 x 0.98 m
External dimensions	Ø2.30 x 0.90 m	2.70 x 2.30 x 0.90 m	2.11 x 2.11 x 0.90 m	2.54 x 2.20 x 1.00 m	4.21 x 2.10 x 1.04 m	2.84 x 2.21 x 1.18 m	3.47 x 2.21 x 1.18 m	4.11 x 2.21 x 1.18 m
Positions (seats / loungers)	6 (6 / -)	4 (2 / 2)	4 (2 / 2)	5 (5 / -)	7 (5 / 2)	6 (6 / -)	8 (8 / -)	10 (10 / -)
Water capacity	1.5 m <sup>3</sup>	2 m <sup>3</sup>	1.23 m <sup>3</sup>	1.2 m <sup>3</sup>	2.65 m <sup>3</sup>	2.40 m <sup>3</sup>	3.20 m <sup>3</sup>	4.00 m <sup>3</sup>
Empty weight / Full weight	400 - 1900 kg	900 - 2900 kg	325 - 1560 kg	400 / 1600 kg	650 / 3300 kg	550 / 2950 kg	700 / 3900 kg	720 / 4720 kg
<b>CHARACTERISTICS</b>								
No of jets	12	12	20	23	25	34	40	56
No of air nozzles	18	32	16	20	62	16	24	24
Overflow / Skimmer	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow
Overflow aspiration	4	4	8	6	6	6	6	8
Return inlet	2	2	1	2	3	2	4	4
Pool floor inlet	1	1	No	1	1	1	1	1
Main Drain	1	1	1	1	1	1	2	2
Colours	Stainless steel							
Headrests	No	Yes	Yes	No	On request	No	No	No
LED lights	3	2	4	3	2	2	2	4
Chromotherapy	as standard	as standard	as standard	as standard				
Piezoelectric press buttons	2	2	2	2	3	2	2	2
High resistance metallic structure	•	•	•	•	•	-	-	-
<b>OPTIONS (NOT INCLUDED)</b>								
Stainless steel Overflow grill	Optional	Optional	Optional	Optional	Yes	Optional	Optional	Optional
Wood Overflow grill	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>EXTRA NECESSARY EQUIPMENT</b>								
Compact filtration kit	05135	05135	05135	16412	On request	16412	43639	43639
Balance Tank	1000 l	1000 l	1000 l	2000 l				

## SPA RANGE

## ACRYLIC SPAS Comparison of models



							
MODELS	Odisea 20	Mirage 40	Roma	Tokyo 70	Verona	Olympia	Hotel SPA
	45709	44630	40769	53990	70550	73587	71463

## GENERAL SPECIFICATIONS

Dimensions (± 1cm)	Ø 230	Ø 250	Ø 300	340 x 240	228 x 228	365 x 280	203 x 150 x 72
Positions (seats / loungers)	5 (5 / -)	6 (6 / -)	9 (9 / -)	7 (6 / 1)	5 (3 / 2)	12 (12/-)	4 (4)
Water capacity	1,120 l	1,410 l	2,290 l	2,200 l	1,200 l	2,490 l	520 l
Empty weight / Full weight	163 kg / 1,283 kg	358 kg / 1,768 kg	310 kg / 2,600 kg	502 kg / 2,702 kg	147 kg / 1,347 kg	373 kg / 2,863 kg	257 kg / 777 kg
Color external finishes	44-White / 59-Sterling / 65 - Alba / 64-Pearl Shadow	A02 / A72	44-White / 59-Sterling	44-White / 59-Sterling	44-White / 59-Sterling / 65 - Alba / 64-Pearl Shadow /	44-White / 59-Sterling	Graphite / Thunder / Butterfly

## CHARACTERISTICS

No of jets	8	25	18	58	24	16	20
No of air nozzles	10	12	18	21	12	16	-
Color jets	White	Inox	White	Inox	White	White	Inox
Headrests	-	-	-	2	-	-	2
Cascade	-	-	-	Optional	-	-	-
Chromotherapy LED lights	Optional 1 LED	Yes 1 LED	Optional 1 LED	4 LED	Optional 1 LED	Optional 1 LED	2 LED
Galvanized metal structure	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Piezoelectric press buttons	2	2	2	3	2	2	Touch panel
Cover	Optional	Optional	Optional	Optional	Optional	Optional	Yes
EcoSpa thermal insulation							Optional
Nordic Insulation							Optional

## EXTRA NECESSARY EQUIPMENT

Compact filtration kit	Kit 50/75	Kit 75 2M	Kit 75 2M	Kit 75 3M	Kit 75 2M	Kit 75 2M	
Balance Tank	1.000 l	1.000 l	2.000 l	2.000 l	1.000 l	2.000 l	

## SPA FILTRATION EQUIPMENT

Filter	Ø 500	Ø 650					
Filtration pump	0.60 Kw	0.82 Kw	0.2 Kw				
Massage pump (P1)	1.4 Kw	2 x 1.81 Kw	2 x 1.81 Kw	2 x 1.81Kw+2.7Kw	2 x 1.81 Kw	2 x 1.81 Kw	1.850 Kw / 2,5 CV
Blower pump	1.3 Kw	-					
Electric heat	6 Kw	3 Kw					
Water disinfection system	Optional	Optional	Optional	Optional	Optional	Optional	Ultraviolet Treatment UV
Water-water exchanger 20 kw	Optional	Optional	Optional	Optional	Optional	Optional	-
Push buttons / Control	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	-
Required power Low AMP (W)	9.362 W	11.802 W	11.802 W	14.485 W	11.802 W	11.802 W	3.400 W
Required power (A)	18.1 A	23 A	23 A	27.5 A	23 A	23 A	14.6 A
Voltage	400 V III + N	400 V III					

## OPTIONAL KITS FOR SPAS

				
MODELS	Kit 50	Kit 75	Kit 75 2M	Kit 75 3M
	04015	05135	16412	43639
<b>GENERAL SPECIFICATIONS</b>				
Filter	Ø 500	Ø 650	Ø 650	Ø 650
Filtration pump	0.60 Kw	0.82 Kw	0.82 Kw	0.82 Kw
Massage pump (P1)	1.4 Kw	1.4 Kw	2 x 1.81 Kw	2 x 1.81 Kw + 2.7 Kw
Blower pump	1.3 Kw	1.3 Kw	1.3 Kw	1.3 Kw
Electric heat	6 Kw	6 Kw	6 Kw	6 Kw
Water disinfection system	Optional	Optional	Optional	Yes
Dosific. auto + pH y Cl. control	Optional	Optional	-	-
Water-water exchanger 20 kW	Optional	Optional	Optional	Optional
Push buttons / Control	Piezoelectric	Piezoelectric	Piezoelectric	Piezoelectric
Required power Low AMP (W)	9,362 W	9,582 W	11,802 W	14,485 W
Required power (A)	18.1 A	15.3 A	18.9 A	27.5 A
Voltage	400 V III + N	400 V III + N	400 V III + N	400 V III + N

## COMPLEMENTS FOR SPAS



## POLYESTER BALANCE TANK

Used for collecting water volume displaced in overflow channel of commercial spas.

Code

1000 litres capacity (162 x 122 x 83 cm)	11372
2000 litres capacity (204 x 160 x 75 cm)	27865



## PE BALANCE TANK

1000 litres capacity. Used for collecting water volume displaced in overflow channel of commercial spas..

Code

158 x 92 x 95 cm	17144
------------------	-------

## TECHNICAL FEATURES

Code	Balance tank	Spa model
11372	1000 litre polyester tank	Casiopea, Formentera, Veneda, Colliseum, Odisea 20, Mirage 40
17144	1000 litre polyethylene tank	
27865	2000 litre polyester tank	Olympia, Wellmax, Casiopea, Formentera, Venecia, Colliseum, Odisea 20, Mirage 40

## COVERS FOR SPAS



Code

Odisea 20 / Infinity Spa Cover	45721
Olympia Spa Cover	73587
Mirage Spa Cover	41892
Tokyo Spa Cover	54184
Verona Spa Cover	71194
Roma Spa Cover	62402

## NORDIC BATHS



## WOODEN NORDIC BATH

ASTRALPOOL 

The baths are made with the best quality of Red Cedar (grade 2.40 mm thick) for maximum durability. They are available in different diameters from 150 cm to 220 cm to accommodate 2 to 8 people.

Code

**Wooden nordic bath**

150 cm - 2/3 people	74095
160 cm - 3/4 people	74096
180 cm - 5/6 people	74109
200 cm - 6/7 people	74110
220 cm - 7/8 people	74111



## STAINLESS STEEL NORDIC BATH

ASTRALPOOL 

The baths are made with the best quality of Red Cedar (grade 2.40 mm thick) and stainless steel for maximum durability. They are available in different diameters from 150 cm to 220 cm to accommodate 2 to 8 people.

Code

**Stainlees Steel nordic bath**

150 cm - 2/3 people	74112
160 cm - 3/4 people	74113
180 cm - 5/6 people	74114
200 cm - 6/7 people	74115
220 cm - 7/8 people	74116

## NORDIC BATHS



## STAINLESS STEEL BATH

ASTRALPOOL 

AstralPool Nordic bath offers a unique filtration and treatment technology for Nordic baths to guarantee bacteria-free water.

- Ultra fine 1 micron filtration captures 100% of particles.
- The 18 m<sup>3</sup>/h pump have a 6 minutes turnover.
- High radiation UV and Ozone treatments kill bacteria and disinfect the water.
- OZONE CHOC® treatment cleans biofilms and eliminates bacteria (international patent EP2785648).
- The measurement and management of water quality are managed by an integrated computer (ORP reader, pH, T° C).

Code

**Water treatment nordic bath**

Standard	74117
PRO	74118
PRO+	74119

## TECHNICAL FEATURES

Code	Description	Pump	Ozone generator	UV	Heater	PH/ORP gestion	Smartphone APP
74117	Water treatment nordic bath Standard	550 w	1 lamp	1 lamp	3 kw	-	-
74118	Water treatment nordic bath PRO	550 w	2 lamps	1 lamp	3 kw	Yes	-
74119	Water treatment nordic bath PRO+	750 w with integrated heater 1.5 wh	3 lamps	1 lamp	3 kw + 3 kw	Yes	Yes



## WELLNESS

# RELAX

### 504 COATED RELAX LOUNGERS

- 504 Luxor Lounger
- 505 Tarifa Lounger
- 506 Ítaca Lounger
- 507 Santorini Lounger
- 508 Destination Lounger

### 509 RELAX LOUNGERS

- 509 SPÆCIAL Relax Lounger
- 510 Aqua Lounger
- 511 Calm Chair
- 512 Calm Lounger
- 513 Elna Lounger
- 514 Vega / Vega Wet Lounger

COATED RELAX LOUNGERS

LUXOR LOUNGER



The chaise longue model for reclining with semi-flexible legs, a classic, timeless design on a raised rectangular base, its particular shape adapts to the body in all the critical areas of the body.

The versatility of the design means it can be integrated into any wellness area (spas, saunas, solariums, etc.), as you can choose between the heated model and the basic model without heating.

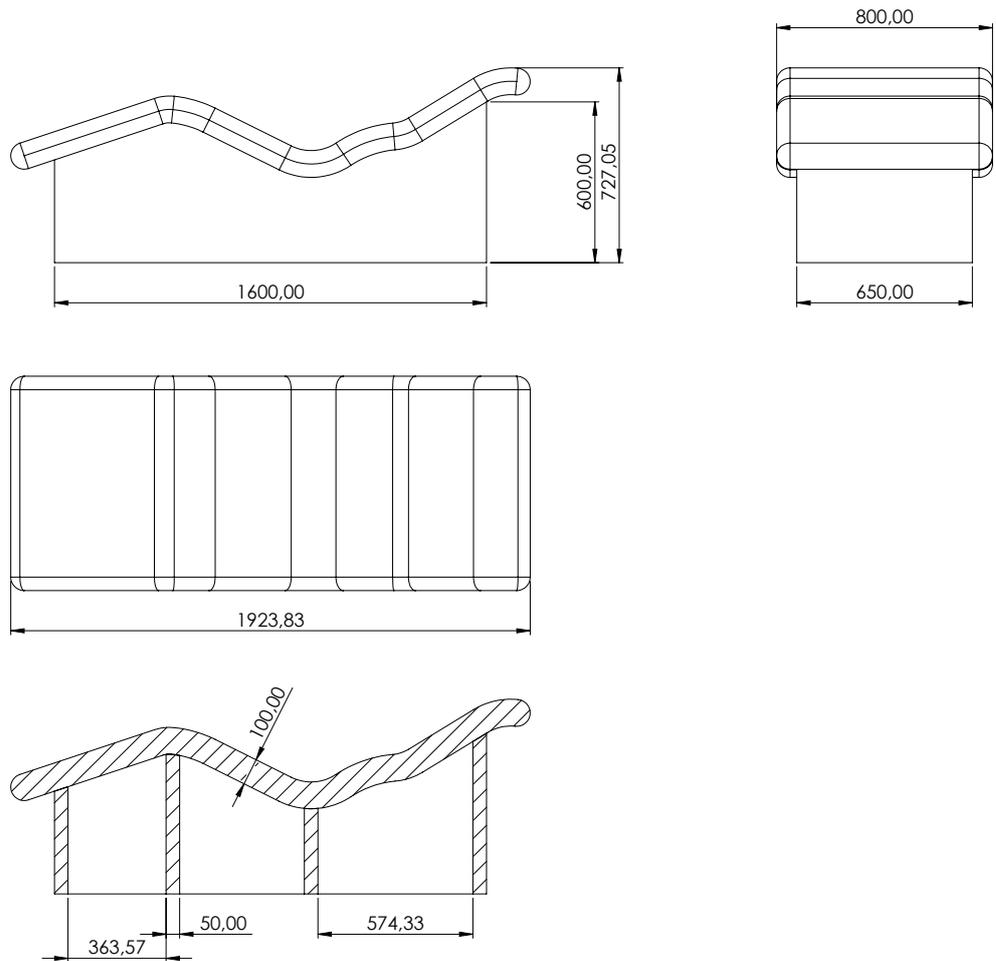
Divided into two parts, the base and top of the chaise longue, which, combined with its light weight, makes it easy to assemble and install. Both parts are constructed from a lightweight, high-density EPS core and are made from high-quality material.

The insulating material, reinforced with fibres and polymers, is highly resistant and suitable for any damp environment, even immersion. The product can be customised by choosing the finish of the corners (straight or rounded), so it can be adapted to any covering or requirement.

Code

Luxor Lounger Without Heating  
Luxor Lounger With Heating

On request  
On request



COATED RELAX LOUNGERS

TARIFA LOUNGER



A chaise longue with a semi-fowler backrest that provides muscle relaxation thanks to its support for critical areas such as the cervical and lumbar spine.

Designed for easy access and quick, effortless incorporation.

The versatility of the design means it can be integrated into any wellness area (spas, saunas, solarium), as you can choose between the heated model and the basic model without heating.

Divided into two parts, the base and top of the chaise longue, which, combined with its light weight, makes it easy to assemble and install. Both parts are constructed from a lightweight high-density EPS core and are made from high-quality material.

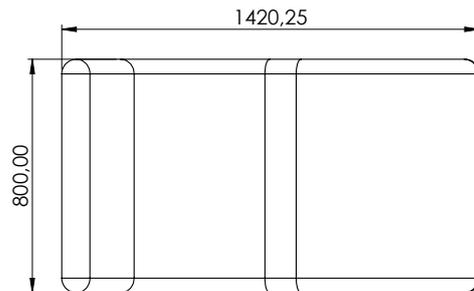
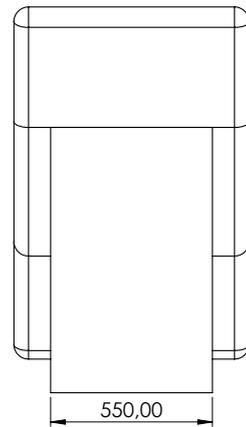
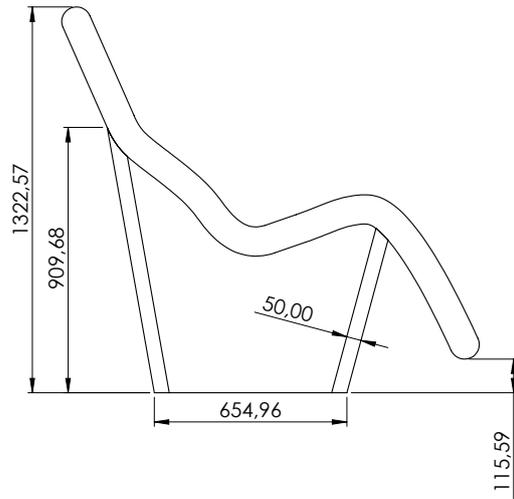
The insulating material, reinforced with fibres and polymers, is highly resistant and suitable for any damp environment, even immersion.

The product can be customised by choosing the finish of the corners (straight or rounded), so it can be adapted to any covering or requirement.

Code

Tarifa Lounger Without Heating  
 Tarifa Lounger With Heating

On request  
 On request



COATED RELAX LOUNGERS

# ÍTACA LOUNGER



This semi-recumbent chaise longue is ideal for total body relaxation, allowing the legs to bend slightly and supporting the lumbar region.

Designed with a raised elliptical base that adds a high degree of aesthetics and stability.

The versatility of the design means it can be integrated into any wellness area (spas, saunas, solariums, etc.), as you can choose between the heated model and the basic model without heating.

Divided into two parts, the base and top of the chaise longue, which, combined with its light weight, makes it easy to assemble and install. Both parts are constructed from a lightweight high-density EPS core and are made from high-quality material.

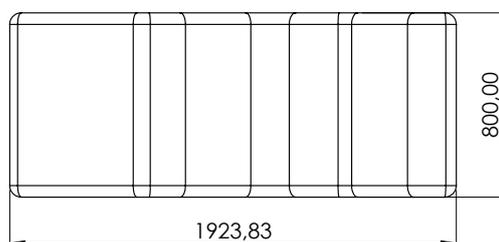
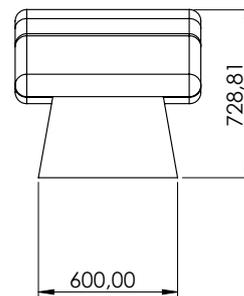
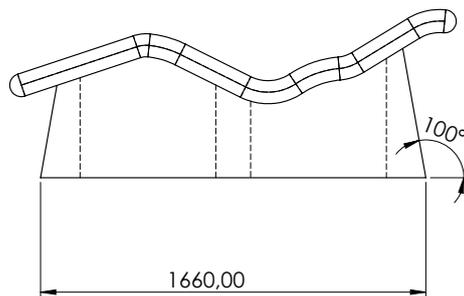
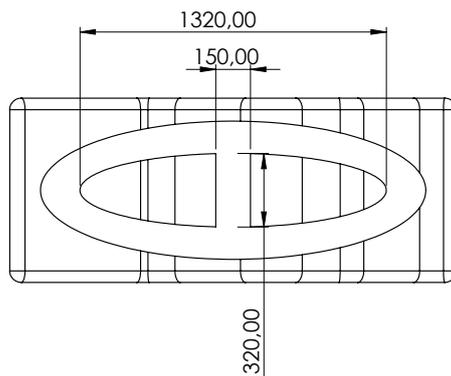
The insulating material, reinforced with fibres and polymers, is highly resistant and suitable for any damp environment, even immersion.

Customisation of the product allows you to choose the finish of the corners of the upper part (straight or rounded), so it can be adapted to any covering or requirement.

Code

Ítaca Lounger Without Heating  
 Ítaca Lounger With Heating

On request  
 On request



COATED RELAX LOUNGERS

SANTORINI LOUNGER



A model of chaise longue with a sloping backrest that allows the body to be supported and relaxed in a natural way.

Designed on a small base for easy access and incorporation. Its low height optimises space and ensures great stability.

The versatility of the design means it can be integrated into any wellness area (spas, saunas, solariums, etc.), as you can choose between heated and unheated models.

Divided into two parts, the base and top of the chaise longue, which, combined with its light weight, makes it easy to assemble and install. Both parts are made from a lightweight core of high-density EPS and a layer of expanded polystyrene.

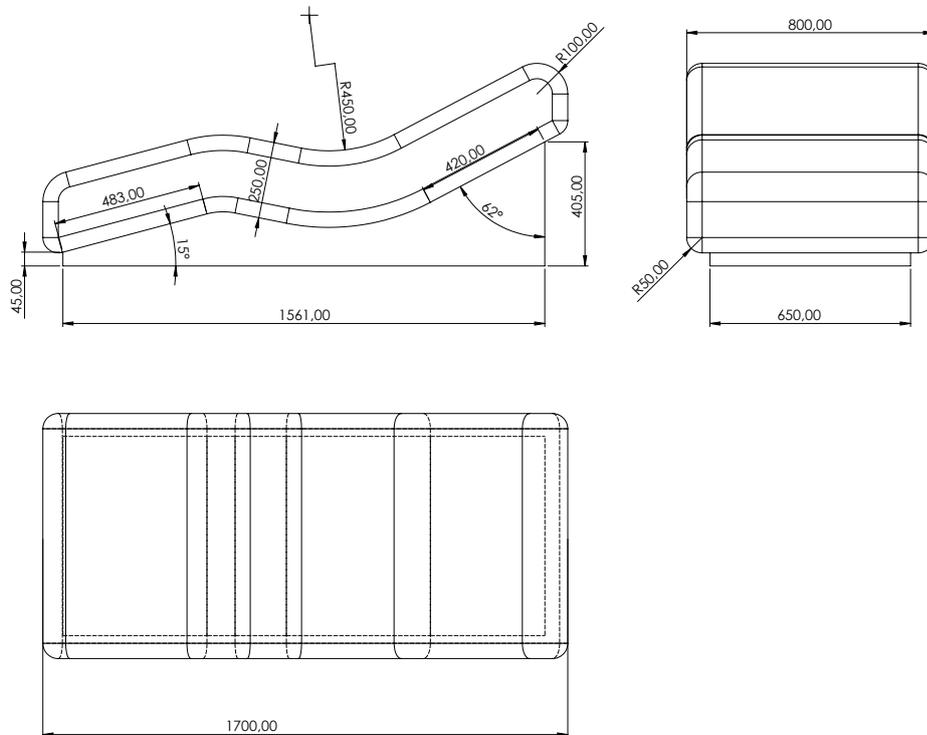
The insulating material, reinforced with fibres and polymers, is highly resistant and suitable for any damp environment, even immersion.

The product can be customised by choosing the finish of the corners (straight or rounded), so it can be adapted to any covering or requirement.

Code

Santorini Lounger Without Heating  
Santorini Lounger With Heating

On request  
On request



COATED RELAX LOUNGERS



DESTINATION LOUNGER



The Destination Lounger lets you relax and enjoy the pool without a splash. Elegant design and sturdy construction combine to give pool owners the opportunity to upgrade their sun shelf space with ease. Made using an advanced RTM manufacturing process, Destination Loungers are lightweight yet strong. The innovative design allows pool owners to easily fill the base section with water but, more importantly, also allows them to move the lounger to remove water so it's easy to take it off the sun shelf when not in use.



- Perfect for commercial use
- For use on a pool ledge with water depths up to 30 cm
- High-quality RTM composite material
- UV protection to resist fading
- Compatible with all pool types, including vinyl
- Exclusive colors and visual textures
- Easy to drain and remove when not in use

4 colors available:



Solid Gray

Solid Tan

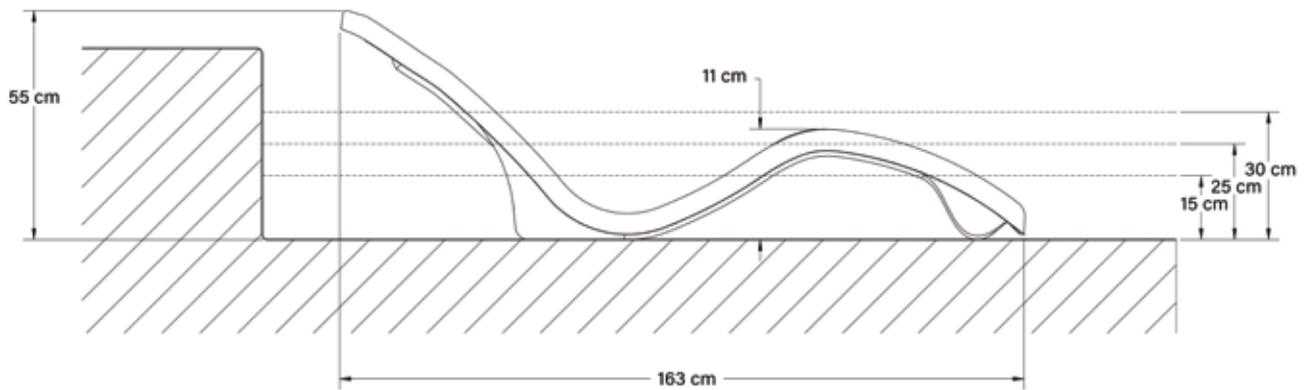
Starry Night

Seashell

Code

- Destination Lounger - Solid Tan
- Destination Lounger - Solid Gray
- Destination Lounger - Starry Night
- Destination Lounger - Seashell

- DS-1-51
- DS-1-52
- DS-1-60
- DS-1-61



Weight of empty lounger = 11 kg  
 Weight of lounger in water:  
 15 cm Depth = 24 kg  
 23 cm Depth= 29 kg  
 30 cm Depth= 31 kg

## RELAX LOUNGERS

## SPÆCIAL RELAX LOUNGER

ASTRALPOOL 

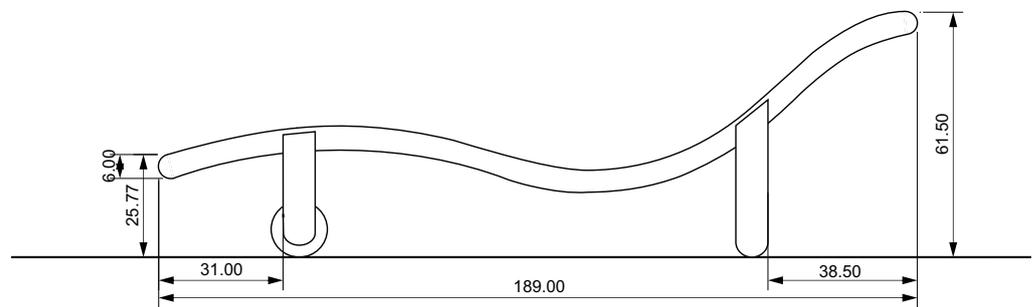
Made entirely of Scandinavian spruce and specially designed for wet areas (not recommended for outdoor use). This easily transportable lounger comes in a wide range of colors.

- Completely manufactured in scandinavian spruce.
- Specially designed for humidity areas.
- Not recommended for outdoor use.

Code

Spæcial Relax Lounger  
Mattress For Spæcial Relax Lounger

44421  
44422



RELAX LOUNGERS



AQUA LOUNGER

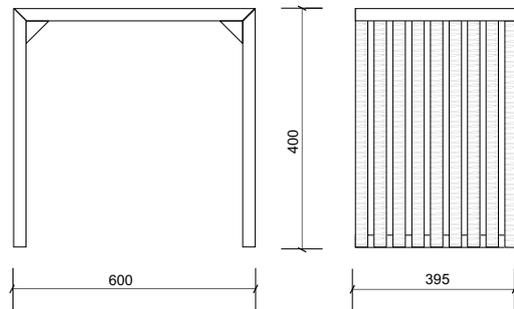
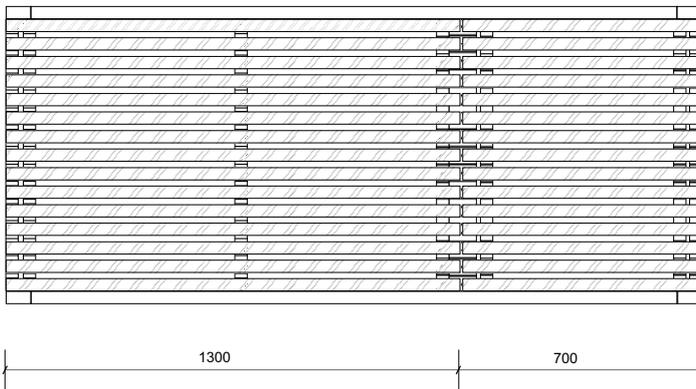
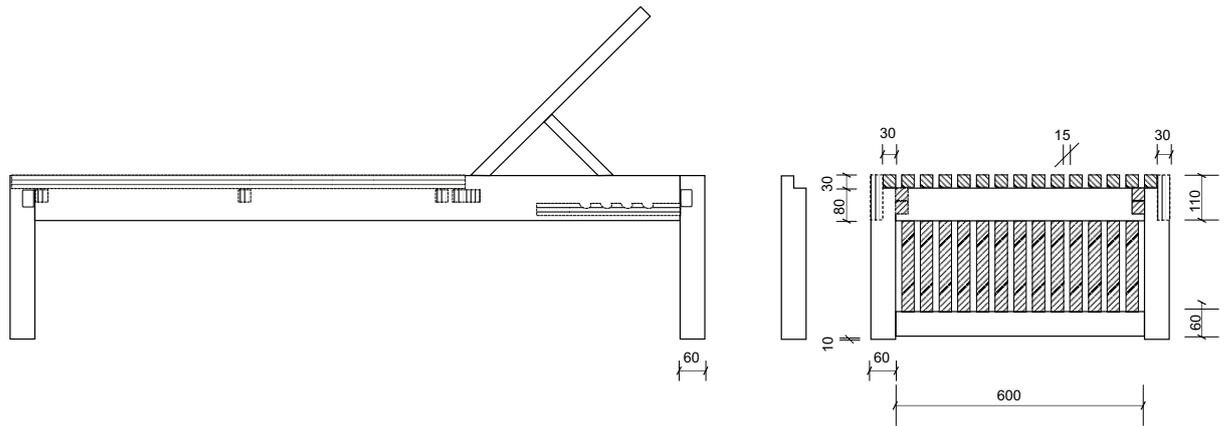
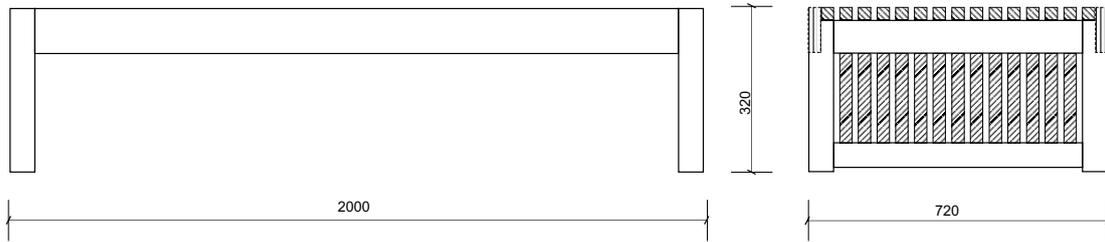


Simple, fine, and elegant design. Made of premium wood, this lounger with adjustable backrest is the ideal option for casual conversations between cycles of contrast therapy.

Code

Aqua Lounger

On request



## RELAX LOUNGERS

ASTRALPOOL 

## CALM CHAIR

The Calm chair for professionals is designed for long periods of continuous use. This lounge chair, for toning and relaxation areas, is manufactured in a fixed position with three infrared lamps to relieve localized muscle tension.

**Materials**

- Sides: Made in birch plywood board with phenolic resin sheets for external protection (depending on the model).
- Boards: Made in Iroko.
- Levelling feet: AISI 304 stainless steel rod. Plastic support.
- Lamp: Infrared system composed of 3 lamps located under the tables. Switch operation.
- ATTENTION: Not suitable for areas with relative air humidity higher than 90%.

**Characteristics**

- Dimensions (mm): 1245 x 806 x 663.
- Infrared lamp:
  - 3 lampholders.
  - Model: PAR 38 IR Red 100W / (5000h).
  - Stop - start switch.
  - 3 protective glass for the lamps.
  - 1.5m connection cable with grounded plug.
- Connection: 230 V I + Neutro.

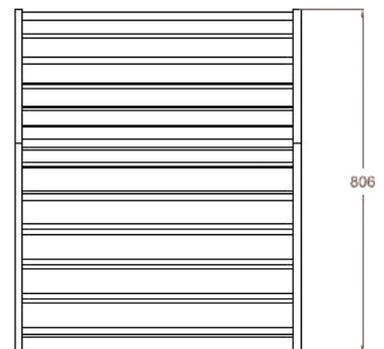
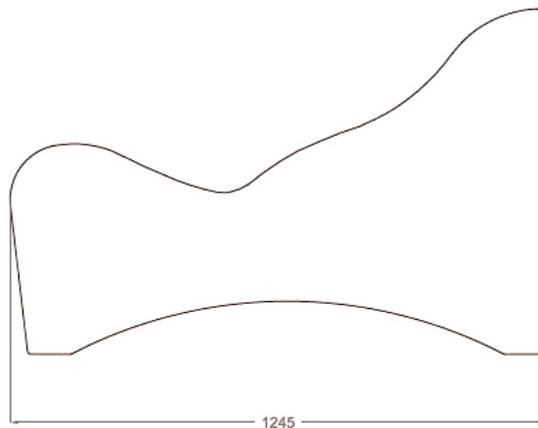
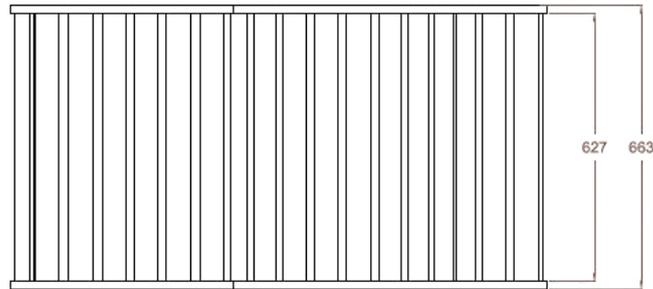
**Optionals under request:**

- Timer for infrared sunbed.
- Manual reclining system.
- Electric reclining system.
- Cervical cushion.

Code

Calm - Relax Chair With Infrared Lamps

73901





## CALM LOUNGER

The Calm Lounger for professionals is designed for long periods of continuous use. This lounger, for toning and relaxation areas, is manufactured in a fixed position with four infrared lamps to relieve localized muscle tension.

### Materials

- Sides: Made in birch plywood board with phenolic resin sheets for external protection (depending on the model).
- Boards: Made in Iroko.
- Levelling feet: AISI 304 stainless steel rod. Plastic support.
- Lamp: Infrared system composed of 4 lamps located under the tables. Switch operation.
- ATTENTION: Not suitable for areas with relative air humidity higher than 90%.

### Characteristics

- Dimensions (mm): 1754 x 806 x 661
- Infrared lamp:
  - 4 lampholders
  - Model: PAR 38 IR Red 100W / (5000h)
  - Stop - start switch.
  - 4 protective glass for the lamps
  - 1.5m connection cable with grounded plug.
- Connection: 230 V I + Neutro

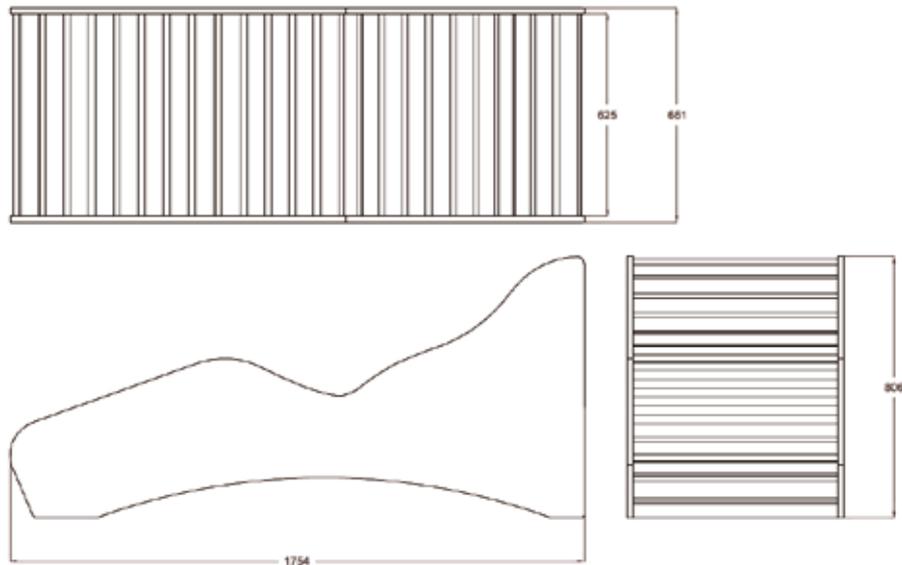
### Optionals under request:

- Timer for infrared sunbed.
- Manual reclining system.
- Electric reclining system.
- Cervical cushion.

Code

Calm lounge - relax deckchair with infrared lamps

73902



RELAX LOUNGERS



# ELNA LOUNGER



Elna is designed for professionals and long periods of continuous use. This lounger, for relaxations and toning areas, is made in solid surface and has a temperature-controlled heating system.

**Materials**

- Lounger: Solid surface of 12 mm thick.
- Heating system: Thermal blanket made of 2 layers of 50g/m<sup>2</sup> perforated polyester fabric and a PETG protective layer on both sides.
- Internal insulation: 10 mm thick construction panel.
- Levelling feet: AISI 304 stainless steel rod. Plastic support.
- Neck pad: fireproof Polyskin - M2 category.

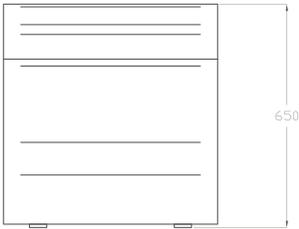
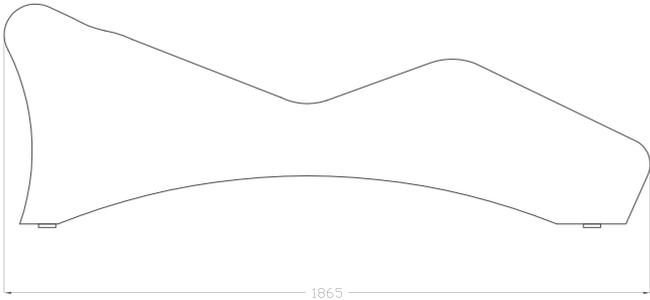
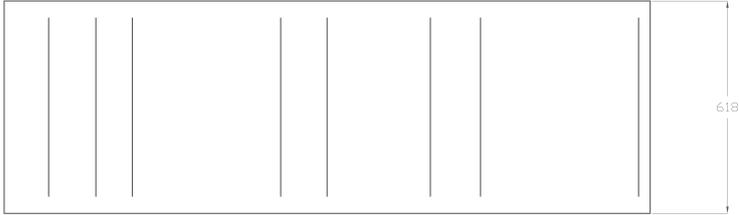
**Characteristics**

- Dimensions (mm): 1865 x 650 x 618
- Power (kW): 0,60
- Resistance:
  - Model: CRS-1000.
  - Length: 10m.
  - Coating: Silicone.
- Control panel: Digital thermostat with temperature control (max: 40 °C).
- Connection: 230 V I + Neutro.

Code

Elna - Relax Lounger In Solid Surface

73903



RELAX LOUNGERS



VEGA / VEGA WET LOUNGER



Stylish shapes, harmonious and ergonomic curves. Vega's wooden structure comes with standard "soft-touch" fire-resistant polyurethane upholstery.

Vega Wet is the option for wet areas. It comes in a painted-metal structure and the upholstery can be optionally waterproof.

**VEGA**

- Wooden structure
- Harmonious and ergonomic design and curved shapes
- Fire-resistant "soft-touch" polyurethane upholstery.

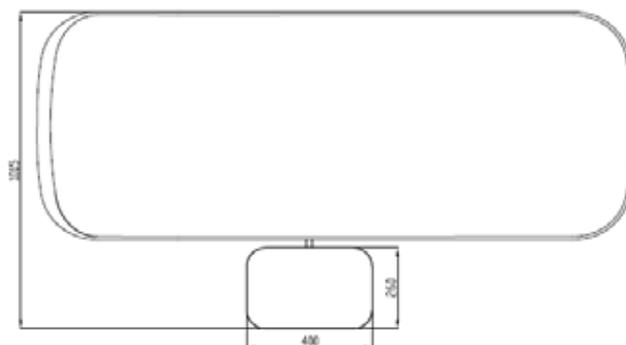
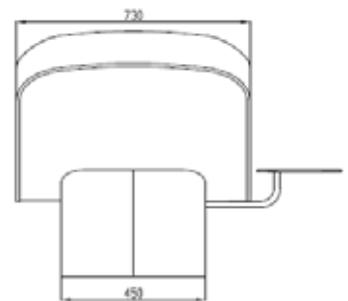
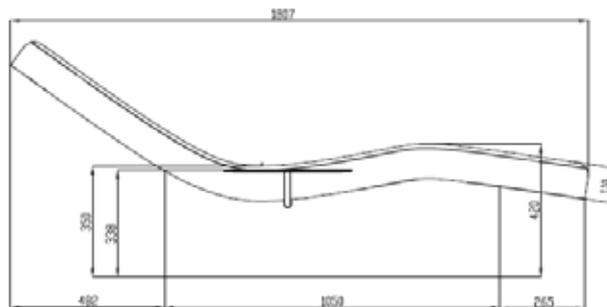
**VEGA WET**

- Metal structure painted in white or other RAL colors (see below)
- Suitable for wet zones
- Harmonious and ergonomic design and curved shapes
- Standard upholstery: "Fire resistant soft-touch" polyurethane.
- Optional upholstery: waterproof (see below)

Code

Vega - Relax Lounger  
Vega Wet - Relax Lounger

N9225  
N9226



## RELAX LOUNGERS

## VEGA / VEGA WET LOUNGER



## VEGA / VEGA WET LOUNGER - SKAY STANDARD FINISHES



## VEGA / VEGA WET LOUNGER - SKAY SPECIAL FINISHES



# VEGA / VEGA WET LOUNGER

## VEGA LOUNGER - STRUCTURE



Wood: Nut

## VEGA WET LOUNGER - STRUCTURE



White

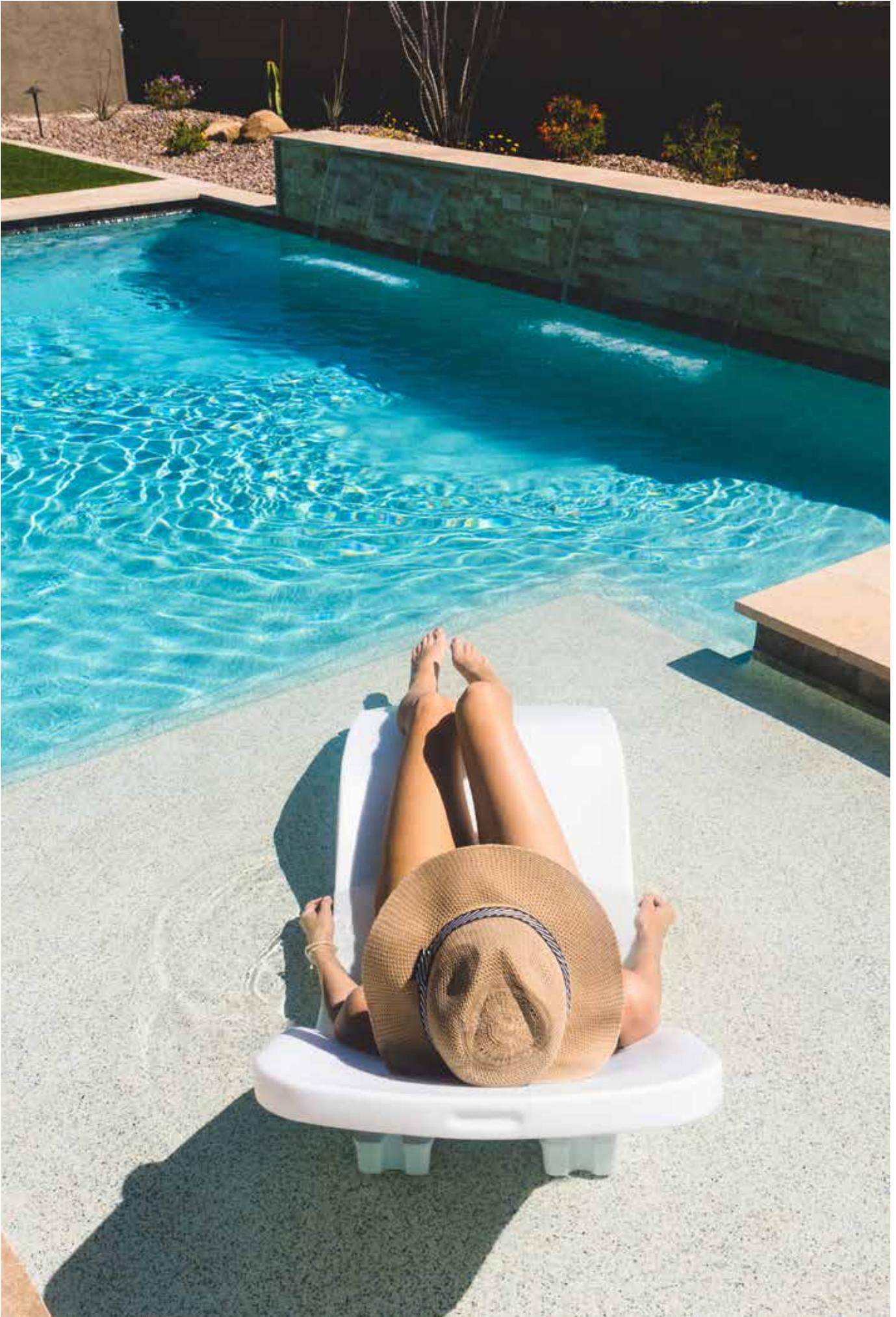


Black

If the table is placed near a swimming pool or sauna, we recommend the Wet Relax Lounger version (with metal frame and waterproof upholstery)

## VEGA WET LOUNGER - OPTIONAL WATER-RESISTANT UPHOLSTERY







## WELLNESS

# TREATMENTS

### 520 HALOTHERAPY SYSTEMS

- 520 Sanama Salt Cabin
- 521 Salt Wall
- 521 Salt Diffuser

### 522 PORTABLE MASSAGE BEDS

- 522 Comfortflex
- 522 Deluxe
- 522 Marlin

### 524 SPA TABLES

- 524 Genuine
- 524 Sense
- 524 Daphne
- 525 Ocean
- 525 Aqua
- 525 Venus

HALOTHERAPY SYSTEMS



## SANAMA SALT CABIN



- + Sanama features a modern design that fuses natural wood with elements of Himalayan salt\*.
- + Top-of-the-line finishes and outstanding details make this product a must-have for any wellness area.

Code

150 x 150 x 210 Sanama Salt Cabin	65400S
150 x 218 x 210 Sanama Salt Cabin	65401S
218 x 218 x 210 Sanama Salt Cabin	65402S
286 x 318 x 210 Sanama Salt Cabin	65403S

\* Independent salt cabin modules.

TECHNICAL FEATURES

Code	Model	Dimensions	Cabin Panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen / Alder / Pine	Red Cedar	Magnolia	Bench Wood
65400S	Sanama Salt Cabin	150 x 150 x 210	Standard	N/A	N/A	N/A	N/A	N/A	Thermo Aspen
65401S		150 x 218 x 210							
65402S		218 x 218 x 210							
65403S		286 x 318 x 210							

## HALOTHERAPY SYSTEMS



## SALT WALL

ASTRALPOOL 

- + As simple as relaxing and breathing inside a room with salt particles in the air.
- + AstralPool's salt walls are made of blocks of Himalayan salt and built on a transparent methacrylate panel.
- + Exceptionally easy to install and maintain. These walls include LED backlighting. Combine it with the Himalaya Cube.

## Included elements:

- Mineral salt brick from Asia 200 x 100 x 20 mm. Approximate quantity 50 units/m<sup>2</sup>.
- Laminated glass 3 + 3 transparent.
- White led backlight with frame and diffuser.
- 12V power supply
- ATTENTION: Not suitable for areas with a relative humidity higher than 65% such as basements, outdoor saunas, water areas without dehumidifiers or those without continuous activity that can raise the humidity to 65%.

Code

Salt Wall 73881

## TECHNICAL FEATURES

Code	Description	Size	Lighting
73881	Backlight salt wall	On request /m <sup>2</sup>	LED 12V White strip

## SALT DIFFUSER

ASTRALPOOL 

Salt nebulizer for inhalation for sauna or dry environment.

## Components:

- Peristaltic pump
- Piston compressor
- Control unit
- Spray nozzle
- Illuminated switch
- Includes a 5L can installed on the structure and a spare 5L can.

Code

Salt Diffuser 73882

## TECHNICAL FEATURES

Code	Room maximum size (m <sup>2</sup> )	Size (mm)	Dosage maximum output	Electrical connection	Power consumption
73904	35	580 x 630 x 25	3.3 l/h in continuous operation	230v / 50HZ	400w



Quality construction

## PORTABLE MASSAGE BEDS

## COMFORTFLEX

ASTRALPOOL

- Supremely comfortable Therafoam padding
- Luxurious, soft-touch PU upholstery
- Raisable backrest
- European beech wood frame
- Affinity ergonomic breathing hole and plug
- Easy grip thumbscrew for rapid height adjustment
- Includes a quality carry case with wheels for easy transportation
- Includes face cradle frame and hanging arm rest
- Holes each end to hold the face cradle frame and a paper towel holder
- Reiki style end panels
- Soft touch carrying handles
- Rounded corners
- Anti-slip feet
- Excellent stability

Code

Beige Comfortflex  
Latte Comfortflex

AFCFLEX3/B  
AFCFLEX3/L

## DELUXE

ASTRALPOOL



Quality construction

- Supremely comfortable Therafoam padding
- Luxurious, soft-touch PU upholstery
- European beech wood frame
- Affinity ergonomic breathing hole and plug
- Easy grip thumbscrew for rapid height adjustment
- Includes a quality carry case with wheels for easy transportation
- Includes face cradle frame and arm rest shelf
- Holes each end to hold the face cradle frame and a paper towel holder
- Reiki style end panels
- Soft touch carrying handles
- Rounded corners
- Anti-slip feet
- Excellent stability

Code

Beige Deluxe  
Purple Deluxe

AFDLX2/B  
AFDLX2/P

## MARLIN

ASTRALPOOL



Quality construction

- Exceptionally comfortable
- Raisable backrest
- Therafoam sports padding
- Lightweight, moulded aluminium frame
- Rapid set up
- Excellent stability
- Clean lines
- Reiki style end panels
- Affinity ergonomic breathing hole and plug
- Shaped leg for rapid height adjustment
- Holes each end to hold the face cradle frame and a paper towel holder
- Includes a quality carry case
- Soft touch carrying handles
- Rounded corners
- Anti-slip feet

Code

White Marlin  
Navy Marlin

AFALU4/W  
AFALU4/N

## PORTABLE MASSAGE BEDS

## PORTABLE MASSAGE BEDS Comparison of models



## TECHNICAL FEATURES

	AFCFLEX3/B	AFCFLEX3/L	ADLX2/B	ADLX2/P	AFALU4/W	AFALU4/N
<b>Height adjustment</b>	26" - 32" (66cm 81cm)		26" - 32" (66cm 81cm)		32.5" (62cm 82.5cm)	
<b>Weight</b>	16kgs		16kgs		25" - 14.4kg	28" - 16.5kg
<b>Dimensions</b>	Unfolded: L: 73" (185cm), W: 27" (68cm)		Unfolded: L: 73" (185cm), W: 27" (68cm)		Length 73" (185cm), Anchi 25" (63cm)/ Width 28" (71.2cm)	
<b>Materials</b>	Wooden frame with 2.5 "Therafoam padding, PU vinyl.		Wooden frame with 2.5 "Therafoam padding, PU vinyl.		Aluminum frame and base with 2 "semi firm, padded Therafoam, PVC vinyl ".	
<b>Weight capacity</b>	450lbs / 205kgs / 32 stones		450lbs / 205kgs / 32 stones		450lbs / 205kgs / 32 stones	
<b>Warranty</b>	2 years		2 years		2 years	
<b>Cradle / Towel port holes</b>	Both end		Both end		Both end	
<b>Armrest</b>	Included		Included		-	
<b>Headrest</b>	Included		Included		-	
<b>Case</b>	Included		Included		Included	
<b>Color</b>	BEIGE	CAFÉLATTE	BEIGE	PURPLE	WHITE	NAVY
<b>Shipping measures (approx)</b>	L95cm x W23cm x H85cm. Gross weight: 25kg.		L97cm x W27cm x H87cm. Gross weight: 23.5kg.		25" L96cm x W23cm x H70cm. Gross weight: 19kgs. 28" L96cm x W24cm x H78cm. Gross weight: 21kgs	

## SPA TABLES

ASTRALPOOL 

## GENUINE



Multifunctional bed with a single motor, ideal for facial, body and massage treatments. Metal structure finished in white wood. Soft touch, fireproof, and oil resistant PU upholstery. Electrically adjustable height. Manually adjustable backrest. Lower base/shelf for storage.

Code

Genuine Spa Table

N9030

## SENSE

ASTRALPOOL 

Multi-function table with four motors for face and body massage treatments. Electrically adjustable height, backrest, and legs. Adjustable armrests with gas pump. Soft touch, fireproof, and oil resistant PU upholstery. LED lighting around the base.

Code

Sense Spa Table  
Sense Thermic Spa TableN9032  
N9032T

## DAPHNE

ASTRALPOOL 

Multi-function table with 4 motors for treatments and massages. Metal structure finished in curved wood. Electrically adjustable height, backrest, and leg rest. Lower accessory compartment with drawer.

Code

Daphne Spa Table  
Daphne Thermic Spa TableN9287  
N9287T

## SPA TABLES



## OCEAN

**ASTRALPOOL** 

3-motor table with metal structure finished in white or oak wood. Extra-long armrests and finger relaxation: adjustable with gas pump. Electrically adjustable height, backrest, and leg rest. Soft touch and fireproof PU upholstery. Oil resistant.

Code

Ocean Spa Table  
Ocean Thermic Spa Table

N90291  
N9029T



## AQUA

**ASTRALPOOL** 

Multi-function table for classic treatments (with mattress) and for spa treatments (warm + wet) on a Corian surface. White metal structure. Folding mattresses (storage compartment). Aromatherapy. Telescopic shower. It includes hospital-style and easily disinfected Corian trays.

Code

Aqua Spa Table

N9020



## VENUS

**ASTRALPOOL** 

Multi-function table for classic treatments (with mattress) and for spa treatments (warm + wet) on a Corian surface. White metal structure. Folding mattresses (storage compartment). Aromatherapy. Telescopic shower. It includes hospital-style and easily disinfected Corian trays.

Code

Venus Spa Table

N9022

## SPA TABLES Comparison of models

Code	Description	Measures	Num. Motors	Base Color	Optionals		
N9030	GENUINE	76 x 188 x 56/76	1 (height)	WHITE	Paper clip	Memory foam option	Thermic
N9032	SENSE	78.5 x 189 x 54/74	4			Memory foam option	
N9032T	SENSE THERMIC	78.5 x 189 x 54/74	4			Memory foam option	Armrest
N9287	DAPHNE	82 x 200 x 65/90	4	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">WHITE OAK</div> <div style="border: 1px solid black; padding: 2px;">OLD WOOD</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px;">NATURAL OAK</div> <div style="border: 1px solid black; padding: 2px;">WALNUT</div> </div>		Memory foam option	
N9287T	DAPHNE THERMIC	82 x 200 x 65/90	3			Memory foam option	Thermic
N90291	OCEAN	74 x 200 x 57/88	3	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">WOOD WHITE</div> <div style="border: 1px solid black; padding: 2px;">WOOD WHITE</div> </div>		Memory foam option	
N9029T	OCEAN THERMIC	74 x 200 x 57/88	3				
N9020	AQUA	92 x 219 x 61/81	1	White metal			
N9022	VENUS	92 x 219 x 58/84	1	WOOD WHITE	Traditional mattress in PU	Himalaya salt or Quartz	

## SKAY STANDARD FINISHES



## SKAY SPECIAL FINISHES



## OPTIONAL AYURVEDIC ACCESSORIES

AYURVEDA MASSAGE STONE  
73764AYURVEDA SMALL OIL WARMER  
N8354AYURVEDA STONE HEATER  
N5610





# FOUNTAINS

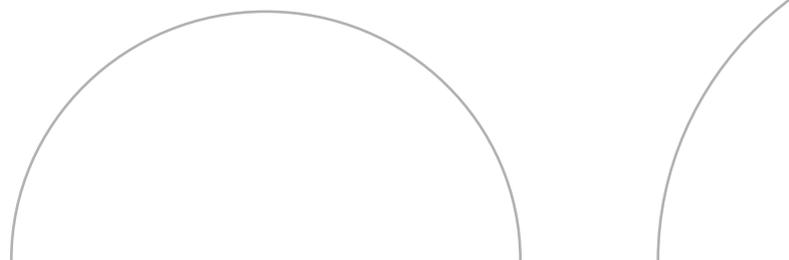
# FLUIDRA



FOUNTAINS



Astana Expo 2017





# WATER IS THE ORIGIN OF EVERYTHING THAT EXISTS. IT IS THE ESSENTIAL ELEMENT.

(Tales de Mileto)

Fountains have always been synonymous with life. Playing a vital role as a source of happiness, a place where communities gather, a vibrant and dynamic space, a meeting point and a metaphor for life.

Natural and artificial, decorative and functional. Today we can enjoy fountains as a more decorative, sustainable, participatory and spectacular event.

Fluidra has extensive experience with more than 40 years creating a wide range of different innovative and sustainable fountain solutions through its own products and engineering technologies: dry-deck fountains, watershows, cascades, vessel fountains, water curtains, etc.

Each fountain is practically handcrafted, as every detail matters. With a custom-client approach, from the conceptualization and design we conceive **refreshing spaces that add an ornamental touch to any aquatic project as well as a great added value.**





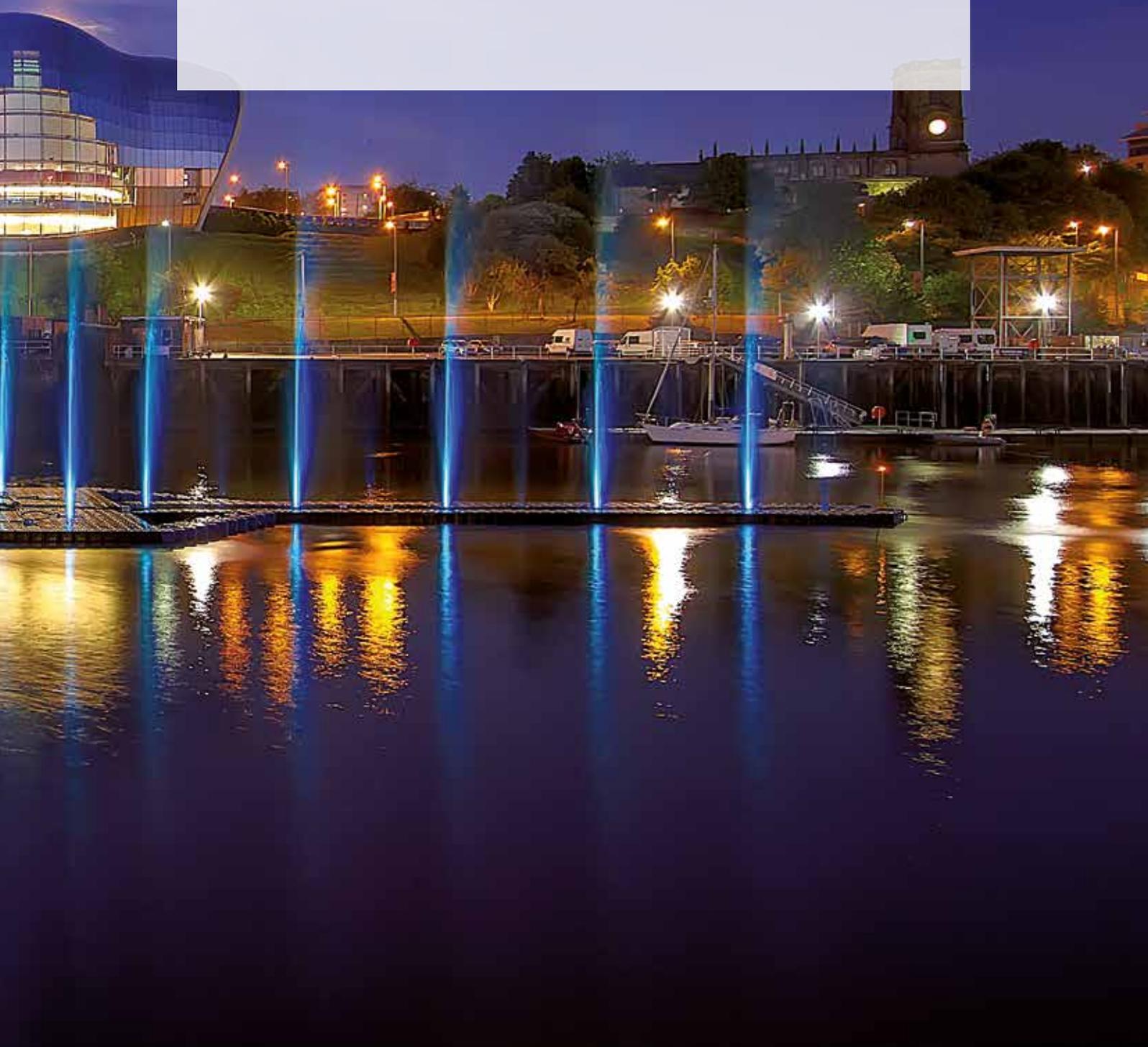
PROJECTS

535



PRODUCTS

563





## FOUNTAINS

# PROJECTS

- |     |  |     |  |
|-----|--|-----|--|
| 536 | Font dels Colors -<br>Andorra la Vella, Andorra              | 549 | Vadi Istanbul - Istanbul, Turkey                         |
| 536 | Astana Central Mosque -<br>Astana, Kazakhstan                | 549 | Nou Barris Central Park -<br>Barcelona, Spain            |
| 537 | Vladivostok Central Square -<br>Vladivostok, Russia          | 550 | The Harbor Merida - Merida, Mexico                       |
| 537 | Dostyk Fountain - Almaty, Kazakhstan                         | 550 | Isataya Square - Atyrau, Kazakhstan                      |
| 538 | Boulevard Turkistan -<br>Turkistan, Kazakhstan               | 551 | Nazarbaev Street Funsquare -<br>Almaty, Kazakhstan       |
| 538 | Cascade Pushkin street -<br>Almaty, Kazakhstan               | 551 | Boscolo Airone Hotel - Venice, Italy                     |
| 539 | Kurmaganzy Street Fountain -<br>Almaty, Kazakhstan           | 552 | Nazarbaev Street Vessel Fountain -<br>Almaty, Kazakhstan |
| 539 | Druzhba Square - Almaty, Kazakhstan                          | 552 | Almaty Shell Fountains -<br>Almaty, Kazakhstan           |
| 540 | Nazarbayev Square -<br>Nur Sultan, Kazakshtan                | 553 | Astana Expo 2017 - Astana, Kazakhstan                    |
| 540 | Omarova Street Fountains -<br>Nur Sultan, Kazakhstan         | 554 | Gravellona Toce -<br>Verbano-Cusio-Ossola, Italy         |
| 541 | Siwssotel Fountain -<br>Alatau, Kazakhstan                   | 554 | Mega Silk Way - Astana, Kazakhstan                       |
| 541 | 1000 Jets Fountain complex -<br>Almaty, Kazakhstan           | 555 | Planet Hollywood Hotel -<br>Cancún, Mexico               |
| 542 | Glala - New Galala City, Egypt                               | 555 | The Style Outlets Funsquare -<br>Viladecans, Spain       |
| 542 | Mivida - New cairo, Egypt                                    | 556 | Taman Anggrek Funsquare -<br>Jakarta, Indonesia          |
| 543 | Gia Tower Waterfall -<br>Phnom Penh, Cambodia                | 556 | Catalonia Square Fountains -<br>Barcelona, Spain         |
| 543 | Gia Tower Funsquare -<br>Phnom Penh, Cambodia                | 557 | Oceania Shopping Mall -<br>Moscow, Russia                |
| 544 | Lity Square - Bryansk, Russia                                | 557 | Radisson Resort Zavidovo -<br>Zavidovo, Russia           |
| 544 | Boat Fountain - Shelekhov, Russia                            | 558 | Moremall Fountain - Sochi, Russia                        |
| 545 | The Outlet Moscow - Moscow, Russia                           | 558 | Constitution Square - Lleida, Spain                      |
| 545 | Raffles City Funsquare -<br>Chongqing, China                 | 559 | Timisoara Sunsquare -<br>Timisoara, Romania              |
| 546 | Fluidra 50th Anniversary -<br>Barcelona, Spain               | 559 | Baku Geyser (140 m) - Baku, Azerbaijan                   |
| 546 | Turkistan I City Hall -<br>Turkistan, Kazakhstan             | 560 | Shamkir Park - Shamikir, Azerbaijan                      |
| 547 | Funsquare in Lodz - Lodz, Poland                             | 560 | Madrid Rio Fountains - Madrid, Spain                     |
| 547 | Viggiano - Viggiano, Italy                                   | 561 | Magic Fountain of Montjuïc -<br>Barcelona, Spain         |
| 548 | Great Exhibition of the North -<br>Newcastle, United Kingdom |     |  |
| 548 | Kashirskaya - Mocow, Russia                                  |     |  |

# FONT DELS COLORS - ANDORRA LA VELLA, ANDORRA



# ASTANA CENTRAL MOSQUE - ASTANA, KAZAKHSTAN



# VLADIVOSTOK CENTRAL SQUARE - VLADIVOSTOK, RUSSIA



# DOSTYK FOUNTAIN - ALMATY, KAZAKHSTAN



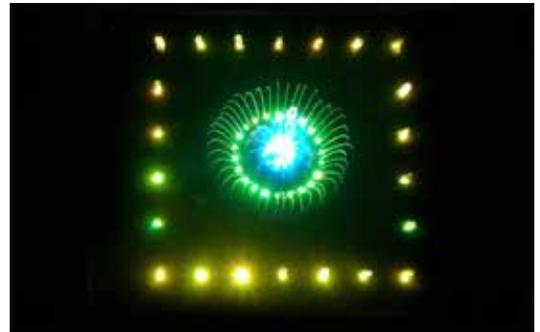
# BOULEVARD TURKISTAN - TURKISTAN, KAZAKHSTAN



# CASCADE PUSHKIN STREET - ALMATY, KAZAKHSTAN



# KURMAGANZY STREET FOUNTAIN – ALMATY, KAZAKHSTAN



# DRUZHBA SQUARE – ALMATY, KAZAKHSTAN



# NAZARBAYEV SQUARE - NUR SULTAN, KAZAKHSTAN



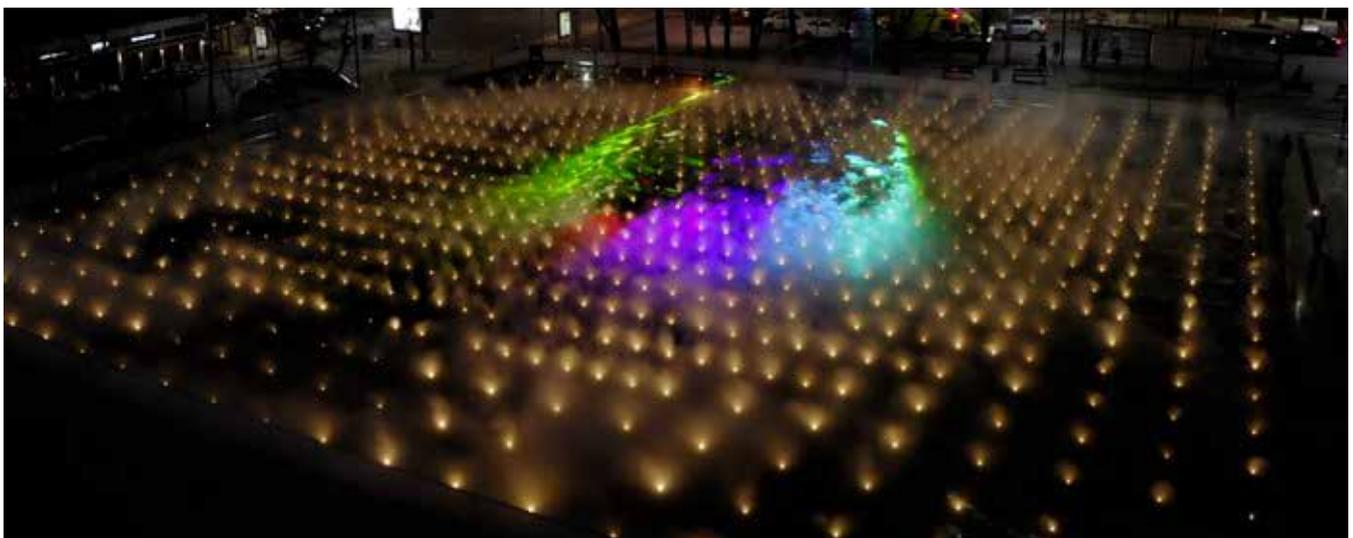
# OMAROVA STREET FOUNTAINS - NUR SULTAN, KAZAKHSTAN



# SIWSSOTEL FOUNTAIN – ALATAU, KAZAKHSTAN



# 1000 JETS FOUNTAIN COMPLEX – ALMATY, KAZAKHSTAN



# GLALA - NEW GALALA CITY, EGYPT



# MIVIDA - NEW CAIRO, EGYPT



# GIA TOWER WATERFALL - PHNOM PENH, CAMBODIA



PROJECTS

# GIA TOWER FUNSQUARE - PHNOM PENH, CAMBODIA



# LITIY SQUARE - BRYANSK, RUSSIA



# BOAT FOUNTAIN - SHELEKHOV, RUSSIA



# THE OUTLET MOSCOW - MOSCOW, RUSSIA



PROJECTS

# RAFFLES CITY FUNSQUARE - CHONGQING, CHINA



# FLUIDRA 50TH ANNIVERSARY - BARCELONA, SPAIN



# TURKISTAN | CITY HALL - TURKISTAN, KAZAKHSTAN



# FUN SQUARE IN LODZ - LODZ, POLAND



PROJECTS

# VIGGIANO - VIGGIANO, ITALY



# GREAT EXHIBITION OF THE NORTH - NEWCASTLE, UNITED KINGDOM



# KASHIRSKAYA - MOSCOW, RUSSIA



# VADI ISTANBUL - ISTANBUL, TURKEY



# NOU BARRIS CENTRAL PARK - BARCELONA, SPAIN



# THE HARBOR MERIDA - MERIDA, MEXICO



# ISATAYA SQUARE - ATYRAU, KAZAKHSTAN



# NAZARBAEV STREET FUNSQUARE – ALMATY, KAZAKHSTAN



PROJECTS

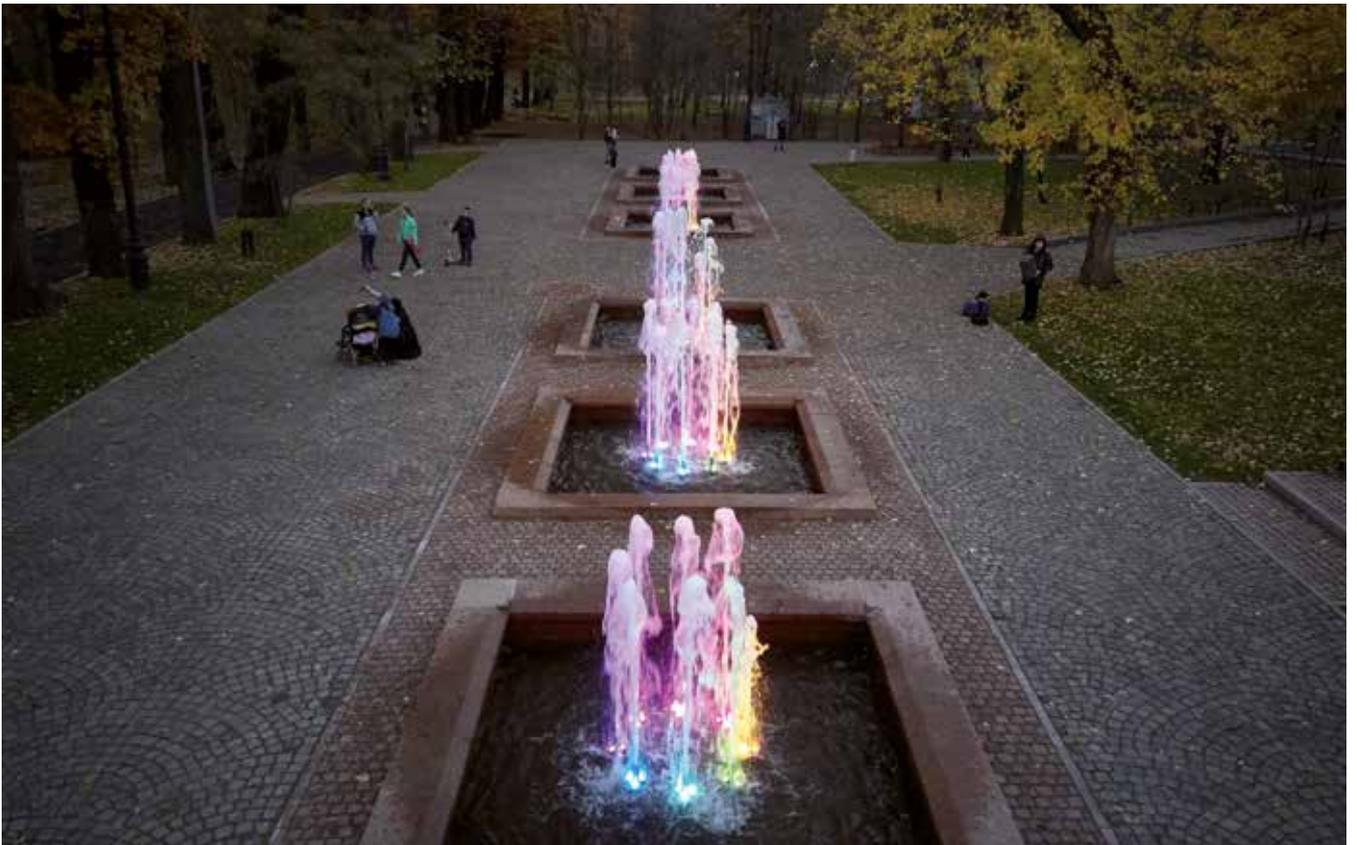
# BOSCOLO AIRONE HOTEL – VENICE, ITALY



# NAZARBAEV STREET VESSEL FOUNTAIN – ALMATY, KAZAKHSTAN



# ALMATY SHELL FOUNTAINS – ALMATY, KAZAKHSTAN





# GRAVELLONA TOCE - VERBANO-CUSIO-OSSOLA, ITALY



# MEGA SILK WAY - ASTANA, KAZAKHSTAN



# PLANET HOLLYWOOD HOTEL - CANCÚN, MEXICO



PROJECTS

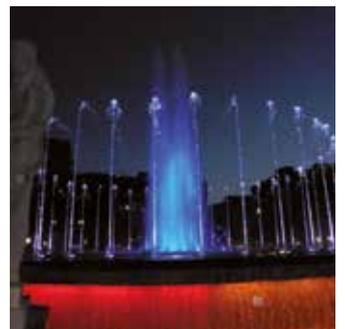
# THE STYLE OUTLETS FUN SQUARE - VILADECANS, SPAIN



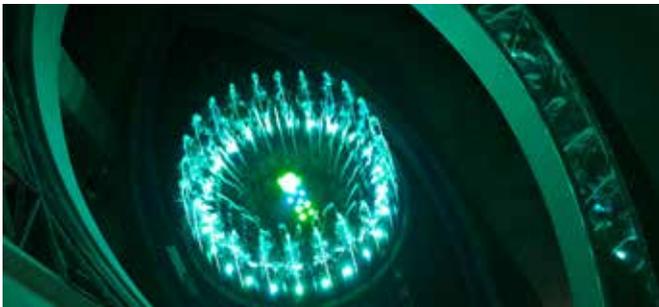
# TAMAN ANGGREK FUN SQUARE - JAKARTA, INDONESIA



# CATALONIA SQUARE FOUNTAINS - BARCELONA, SPAIN



# OCEANIA SHOPPING MALL - MOSCOW, RUSSIA



# RADISSON RESORT ZAVIDOVO - ZAVIDOVO, RUSSIA



# MOREMALL FOUNTAIN - SOCHI, RUSSIA



# CONSTITUTION SQUARE - LLEIDA, SPAIN



# TIMISOARA SUNSQUARE - TIMISOARA, ROMANIA



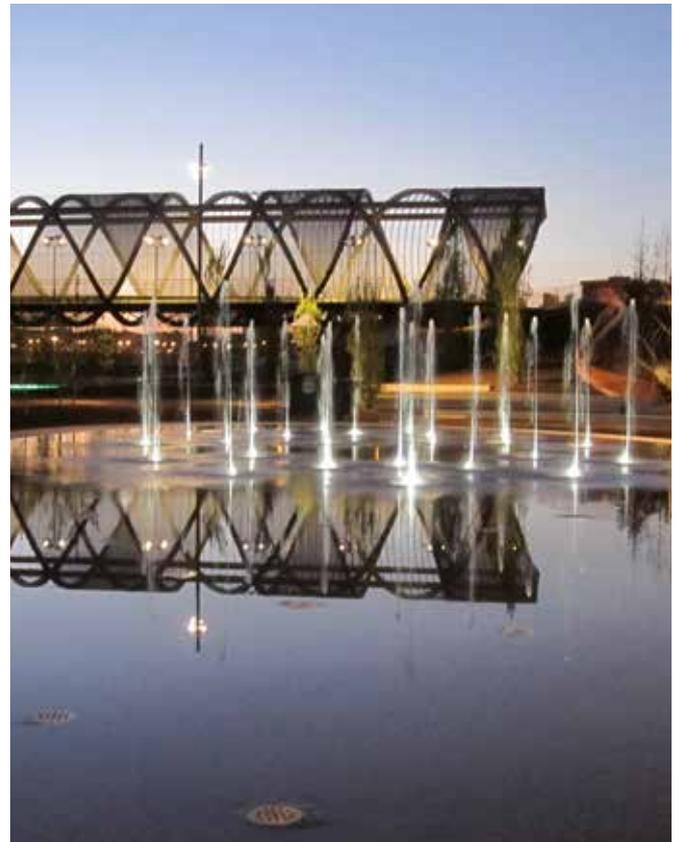
# BAKU GEYSER (140 M) - BAKU, AZERBAIJAN



# SHAMKIR PARK - SHAMIKIR, AZERBAIJAN



# MADRID RIO FOUNTAINS - MADRID, SPAIN



# MAGIC FOUNTAIN OF MONTJUÏC - BARCELONA, SPAIN





## FOUNTAINS

# PRODUCTS

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- 565 Big spear nozzle
- 566 Fan jet nozzle
- 567 Cascade Nozzle
- 568 Cascade Nozzle with Swivel
- 569 Foamy nozzle
- 570 TFE nozzle
- 571 Fog Nozzle
- 572 Vulcano nozzle
- 573 Mushroom nozzle
- 574 Callyx nozzle
- 575 Fleur de Lis
- 576 Bouquet nozzle
- 577 Rotating nozzle
- 578 Urban wet lines

### 579 JETS

- 579 Dancer jet
- 580 Dancer nozzle
- 581 Swing Dancer jet
- 582 Swing Z Dancer jet
- 583 Digital Curtain
- 584 Water Curtain
- 584 Water Curtain with linear Led
- 585 Mesh Curtain
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- 587 Waterfall
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- 589 Glassy jet
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- 592 Switch S System
- 594 Rocket jet
- 595 Rocket Horizontal jet
- 596 Plug & Play

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- 598 DMX Pump S
- 599 DMX Pump L

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- 602 Comi Led (M)
- 603 Comi Led (L)
- 604 NIQ projector

- 605 Nano projector
- 606 Mini / Mini + Projector
- 607 Circular Ø200
- 608 Circular Ø300 - Ø350
- 609 Halospot projector
- 610 Kibebe projector
- 611 Adjustable linear projector
- 612 DMX Driver power supply
- 612 DMX Driver ONLED external power supply
- 612 ONLED modulator
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- 613 ONLED WiFi Access Point
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- 619 V:Server3 Touch
- 620 Diagrams

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- 626 Aquaforte floating fountains
- 626 Aquaforte timer/controller
- 627 EJ series fountains
- 628 Premium nozzles
- 629 EVFX fountains
- 629 Aquaticlear™

### 630 COMPLEMENTARY PRODUCTS

- 630 Level Control System
- 631 Wind Control System
- 632 Interactive Sensor Buttons
- 633 Swivel
- 634 Pipe Fitting
- 636 Cable inlet fitting
- 638 Pressure Holding Valve
- 639 Prefilter LFS
- 639 Waterproof Junction SS D20 / D14
- 640 Underwater connector IP68 4 core
- 640 Overflow
- 641 Floor drain
- 642 Junction boxes
- 643 Cable Inlet Fitting Box
- 644 LF Filters
- 645 HFL Filters

NOZZLES



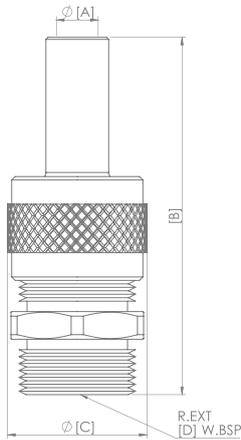
# SPEAR NOZZLE



Spear Nozzle is the most polyvalent nozzle for the design of any ornamental fountain.

They are made of AISI 304 stainless steel, which provides high sturdiness and rusting resistance, and provides a stylish finish to the fountain.

It has an 20° adjustable joint to correct the jet outlet in case of misalignment of manifolds or pipes, or to create parabolas without additional accessories.



Jet Ø (A)	Inlet	Code
<b>Spear nozzle</b>		
Ø 4 mm	G 3/8" M	67496
Ø 6 mm	G 3/8" M	66639
Ø 8 mm	G 1/2" M	66640
Ø 10 mm	G 1/2" M	66641
Ø 12 mm	G 1" M	66642
Ø 14 mm	G 1" M	66643
Ø 16 mm	G 1 1/2" M	66644
Ø 20 mm	G 1 1/2" M	66645

TECHNICAL FEATURES

Nozzle	SPEAR NOZZLE 4	SPEAR NOZZLE 6	SPEAR NOZZLE 8	SPEAR NOZZLE 10	SPEAR NOZZLE 12	SPEAR NOZZLE 14	SPEAR NOZZLE 16	SPEAR NOZZLE 20								
Code	67496	66639	66640	66641	66642	66643	66644	66645								
Inlet	G 3/8" M	G 3/8" M	G 1/2" M	G 1/2" M	G 1" M	G 1" M	G 1-1/2" M	G 1-1/2" M								
Jet diameter	Ø 4 mm	Ø 6 mm	Ø 8 mm	Ø 10 mm	Ø 12 mm	Ø 14 mm	Ø 16 mm	Ø 20 mm								
Dimensions ØCxH	Ø21x52 mm	Ø21x52 mm	Ø24x76 mm	Ø24x76 mm	Ø36x111 mm	Ø36x111 mm	Ø61x167 mm	Ø61x167 mm								
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
<b>0.5</b>	2.4	0.6	4.9	0.6	9.6	0.7	15.8	0.8	25.4	1	31	0.9	46	1	70	1.2
<b>0.75</b>	2.9	1	6.1	0.9	11.6	0.9	19.3	1.1	30.2	1.3	38	1.2	55	1.3	80	1.3
<b>1</b>	3.4	1.2	7.2	1.2	13.3	1.3	21.9	1.4	33.6	1.5	44	1.4	62	1.5	87	1.5
<b>1.25</b>	3.8	1.5	8.5	1.4	15.9	1.6	24.8	1.7	39	2	51	1.8	70	1.9	95	1.8
<b>1.5</b>	4.2	1.8	9.6	1.7	17.1	1.8	27.8	2	40.9	2.1	55	2.1	76	2.1	104	2.1
<b>1.75</b>	4.7	2.3	11	2	19.5	2.1	32	2.4	45.8	2.6	61	2.4	82	2.4	111	2.4
<b>2</b>	4.9	2.7	11.6	2.4	20.4	2.4	32.4	2.7	46.6	2.7	65	2.7	88	2.6	119	2.7
<b>2.5</b>	5.4	3.1	13.2	3	23.2	3.1	36.6	3.4	51.9	3.2	72	3.3	99	3.2	135	3.3
<b>3</b>	6.1	3.6	14.7	3.7	25.8	3.7	40.3	4.1	57.2	3.8	81	4	108	3.7	148	4
<b>3.5</b>	6.6	4.2	15.6	4.3	28.1	4.4	44.3	4.8	62.9	4.5	88	4.7	117	4.5	160	4.6
<b>4</b>	7.2	4.9	16.5	5	30.3	5	48.6	5.6	66.4	5	94	5.3	125	5.1	171	5.2
<b>5</b>					35	6.1	54.8	7.1	75.1	6.2	107	6.6	138	6	197	6.4
<b>6</b>							60.4	8.6	83.9	7.5	118	7.9	150	7.5	217	7.6
<b>7</b>									91.7	8.6	129	9.3	164	8.5	238	8.9
<b>8</b>									98.2	9.8	139	10.5	176	9.6	257	10.2
<b>9</b>											149	11.8	187	11.2	274	11.3
<b>10</b>											156	13.1	198	12.5	290	12.6
<b>11</b>													208	13.8	306	13.9
<b>12</b>													216	14.6	322	15.1
<b>14</b>															348	17.6



NOZZLES



# BIG SPEAR NOZZLE



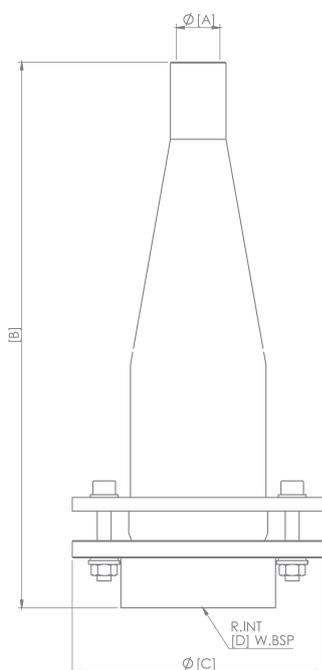
Big Spear Nozzle is a nozzle designed for ornamental fountains with great height jets.

Those are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain. They can be made of brass material on request.

It has a 10° adjustable joint to correct the jet outlet in case of misalignment of manifolds or pipes.

Jet Ø (A)	Inlet	Code
Ø 25 mm	G 2-½" F	66646
Ø 38 mm	G 4" F	66647

**Big Spear nozzle**



TECHNICAL FEATURES				
Nozzle	BIG SPEAR 25		BIG SPEAR 38	
Code	66646		66647	
Inlet	G 2-½" F		G 4" F	
Jet diameter A	Ø 25 mm		Ø 38 mm	
Dimensions BxC	317x145 mm		463x205 mm	
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
<b>10</b>	440	13.5	895	13
<b>12.5</b>	485	17	990	16.5
<b>15</b>	550	20	1110	19.5
<b>20</b>	615	27.5	1300	26
<b>25</b>	680	34	1440	32
<b>30</b>	760	42	1625	39
<b>35</b>	810	48	1760	46
<b>40</b>	865	55	1850	52
<b>50</b>	970	65	2080	65



NOZZLES



# FAN JET NOZZLE

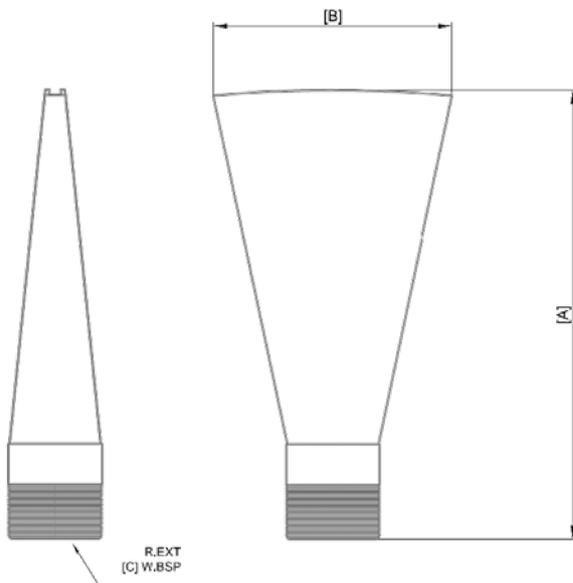


Fan Jet Nozzle produces a wide range of water that simulates a waterfall.

It can be installed in vertical or inclined position, generating two different ornamental effects. The ornamental effect doesn't depend on the level of water.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and rusting resistance, and provides a stylish finish at the fountain.

Jet (AxB)	Inlet	Code
<b>Fan Jet nozzle</b>		
165x88 mm	G 1" M	66695
210x103mm	G 1-½" M	66696



TECHNICAL FEATURES

Nozzle	FAN JET NOZZLE 4		FAN JET NOZZLE 6	
Code	66695		66696	
Inlet C	G 1" M		G 1 ½" M	
Nozzle orifice	4x85 mm		5x100 mm	
Dimensions AxB	165x88 mm		210x103 mm	
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
<b>0.25</b>	59	0.4	87	0.4
<b>0.5</b>	78	0.6	120	0.8
<b>0.75</b>	90	1	145	1.2
<b>1</b>	107	1.2	165	1.6
<b>1.5</b>	131	1.8	208	2.4
<b>2</b>	160	2.5	241	3.2
<b>Jet LxH 45° [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
<b>0,5 x 0,1</b>	65	0.4	74	0.4
<b>0,75 x 0,15</b>	89	0.8	92	0.6
<b>1 x 0,2</b>	103	1	115	0.8
<b>1,5 x 0,3</b>	130	1.2	142	1.2
<b>2 x 0,4</b>	156	2.3	174	1.5
<b>2,5 x 0,6</b>	190	3.5	200	1.8



NOZZLES



# CASCADE NOZZLE

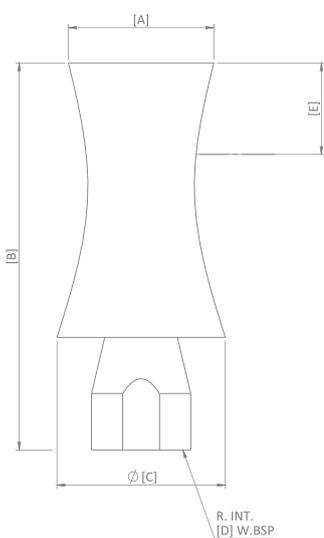


Cascade Nozzle is a classical jet that mixes water and air creating a solid and conic column of water visible from any direction. Furthermore contributes to an oxygen enrichment of the water.

Those nozzles are water level depending, so must be installed on a determinate height. Strong waves can cause abrupt changes in the height of the jet.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
<b>Cascade nozzle</b>		
Ø 35 mm	G ½" H	66691
Ø 50 mm	G 1" H	66692
Ø 80 mm	G 1-½" H	66693
Ø 100 mm	G 2" H	66694
Ø 125 mm	G 2-½" H	66698



TECHNICAL FEATURES											
Nozzle	CASCADE NOZZLE 35		CASCADE NOZZLE 50		CASCADE NOZZLE 80		CASCADE NOZZLE 100		CASCADE NOZZLE 125		
Code	66691		66692		66693		66694		66698		
Inlet D	G ½" H		G 1" H		G 1-½" H		G 2" H		G 2-½" H		
Jet diameter A	Ø 35 mm		Ø 50 mm		Ø 80 mm		Ø 100 mm		Ø 125 mm		
Dimensions BxC	110x48 mm		140x66 mm		185x104 mm		261x125 mm		298x145 mm		
Water level E	20 mm		25 mm		30 mm		35 mm		40 mm		
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	
0.5	16	7.4	36	2.6	64	2.1	130	2.3			
0.75	19	9.8	43	3.5	78	2.9	144	2.9			
1	22	12.8	48	4.4	89	3.7	155	3.6	241	3.7	
1.5	28	18.6	58	6.1	109	5.4	186	5.3	291	5	
2	32	24	66	7.8	124	7.2	210	6.8	332	6.3	
2.5			75	11.1	136	8.7	231	8.1	368	7.7	
3			81	14.6	148	10.5	250	9.5	400	8.9	
4			87	17.5	168	13.6	276	12.3	458	11.4	
5			96	20.4	182	16	321	15.1	509	14.2	
6					195	19.1	348	17.9	555	16.5	
7					207	22.9	378	21.1	600	19	
8					220	26.4	402	24.2	646	21.7	
10					238	31.1	446	29.2	722	27	
12							465	33.5	783	32.2	
14							474	37	847	38.1	
16									901	42.6	
18									969	47.7	



NOZZLES



# CASCADE NOZZLE WITH SWIVEL



Cascade nozzle is a jet that mixes water and air creating a solid and conic column of water visible from any direction. Furthermore, it contributes to oxygen enrichment of the water.

Those nozzles are water level depending, so must be installed on a determinate height. Strong waves can cause changes in the height of the jet.

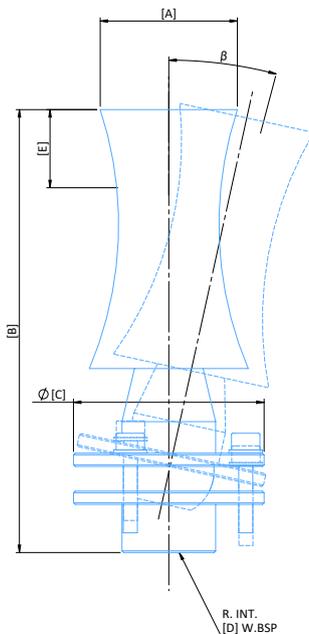
They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

They also incorporate a swivel on its base in order to take up inlet inclinations.

Jet Ø (A)	Inlet	Code
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**Cascade nozzle with swivel**

Ø 35 mm	G ½" H	73792
Ø 50 mm	G 1" H	73793
Ø 80 mm	G 1-½" H	73794
Ø 100 mm	G 2" H	73795
Ø 125 mm	G 2-½" H	73796



TECHNICAL FEATURES

Nozzle	CASCADE NOZZLE + SWIVEL 35	CASCADE NOZZLE + SWIVEL 50	CASCADE NOZZLE + SWIVEL 80	CASCADE NOZZLE + SWIVEL 100	CASCADE NOZZLE + SWIVEL 125					
Code	73792	73793	73794	73795	73796					
Inlet D	G ½" H	G 1" H	G 1-½" H	G 2" H	G 2-½" H					
Jet diameter A	Ø 35 mm	Ø 50 mm	Ø 80 mm	Ø 100 mm	Ø 125 mm					
Dimensions BxC	135x57 mm	160x78 mm	215x120 mm	306x140 mm	340x160 mm					
Water level E	20 mm	25 mm	30 mm	35 mm	40 mm					
Max inclination β	12°	12°	8°	8°	7°					
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
0.5	16	7.4	36	2.6	64	2.1	130	2.3		
0.75	19	9.8	43	3.5	78	2.9	144	2.9		
1	22	12.8	48	4.4	89	3.7	155	3.6	241	3.7
1.5	28	18.6	58	6.1	109	5.4	186	5.3	291	5
2	32	24	66	7.8	124	7.2	210	6.8	332	6.3
2.5			75	11.1	136	8.7	231	8.1	368	7.7
3			81	14.6	148	10.5	250	9.5	400	8.9
4			87	17.5	168	13.6	276	12.3	458	11.4
5			96	20.4	182	16	321	15.1	509	14.2
6					195	19.1	348	17.9	555	16.5
7					207	22.9	38	21.1	600	19
8					220	26.4	402	24.2	646	21.7
10					238	31.1	446	29.2	722	27
12							465	33.5	783	32.2
14							474	37	847	38.1
16									901	42.6
18									969	47.7

NOZZLES



# FOAMY NOZZLE

Foamy Nozzle produces a very sparkling and consistent jet. The ornamental effect doesn't depend on the water level and it's very wind resistant, generating a great uniformity on the fountain.

Furthermore, it contributes to an oxygen enrichment of the water.

They are made entirely of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

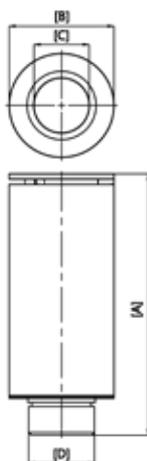


66689-76242-76244

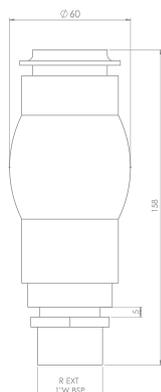


71335

Jet Ø (A)	Inlet	Code
<b>Foamy nozzle</b>		
Ø 32 mm	G 1" M	66689
Ø 50 mm	G 1-½" M	76242
Ø 72 mm	G 2" M	76244
Ø 32mm	G 1" M	71335



FOAMY NOZZLE 32-50-72



FOAMY NOZZLE 32 PL/SS

TECHNICAL FEATURES									
Nozzle	FOAMY NOZZLE 32		FOAMY NOZZLE 50		FOAMY NOZZLE 72		FOAMY NOZZLE 32 PL/SS		
Code	66689		76242		76244		71335		
Inlet C	G 1" M		G 1-½" M		G 2" M		G 1" M		
Jet diameter	Ø 32 mm		Ø 50 mm		Ø 72 mm		Ø 32 mm		
Dimensions AxB	155 x 53 mm		190 x 76 mm		240 x 104 mm		158 x 60 mm		
Material	AISI-316		AISI-316		AISI-316		AISI-316		
<b>Jet height [m]</b>	<b>l/min</b>		<b>m</b>		<b>l/min</b>		<b>m</b>		
<b>0.5</b>	56	2.1	130	1.2	239	1.0	44	0.9	
<b>1</b>	80	3.4	187	2.2	310	2.0	59	1.3	
<b>1.5</b>	96	4.6	220	3.3	374	3.1	68	1.9	
<b>2</b>	108	5.4	245	4.1	427	4.3	76	2.5	
<b>2.5</b>	118	6.6	272	5.2	483	5.4	93	3.9	
<b>3</b>			290	6.3	526	6.4	107	5	
<b>3.5</b>			312	7.2	571	7.5	121	6.4	
<b>4</b>			340	8.2	611	8.6	132	7.8	
<b>4.5</b>			370	9.0	648	9.6	142	8.7	
<b>5</b>			386	10.1	684	10.7			
<b>6</b>			420	12.1	749	12.9			
<b>7</b>					810	14.7			
<b>8</b>					895	16.5			



NOZZLES



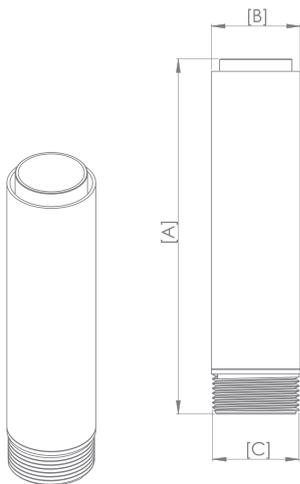
# TFE NOZZLE



TFE Nozzle produces a sparkling and consistent jet with less flow requirements to similar nozzles with the same diameter. The ornamental effect doesn't depend on the water level and It is very wind resistant, generating a great uniformity on the fountain.

It is made entirely of AISI 316 stainless steel, which provides high sturdiness and rusting resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
<b>TFE nozzle</b>		
Ø 25 mm	G 1" M	72475
Ø 32 mm	G 1 ¼" H	72476
Ø 40 mm	G 1 ½" H	72477



TECHNICAL FEATURES						
Nozzle	TFE25 NOZZLE		TFE32 NOZZLE		TFE40 NOZZLE	
Code	72475		72476		72477	
Inlet C	G 1" M		G 1 ¼" H		G 1 ½" H	
Jet diameter	Ø 25 mm		Ø 32 mm		Ø 40 mm	
Dimensions AxB	155x38 mm		173x43 mm		210x53 mm	
<b>Jet height [m]</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>	<b>l/min</b>	<b>m</b>
0.5	30	1.1	45	1.4	61	1.8
1	38	1.8	56	2.3	74	2.8
1.5	47	2.6	69	3.3	90	4
2	52	3.5	79	4.3	105	5.4
2.5	57	4.3	86	5.2	114	6.2
3	63	5	94	6.1	125	7.2
3.5	68	6	102	7.3	135	8.5
4	75	6.8	112	8.1	147	9.6
4.5			119	9.1	159	10.9
5					167	12.5
6					183	15.2



NOZZLES



# FOG NOZZLE



Fog Nozzle is a nozzle that generates a total dispersion of water producing fog in seconds.

This revolutionary nozzle provides a pleasant feeling of freshness and humidification in the atmosphere.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain.



Jet Ø (A)	Inlet	Code
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**Fog nozzle**

Ø 1.4 mm	G ¼" M	66697
Ø 1.4 mm	G ¼" M	70668
Fog Niche	G ¼" / 1"	70669

**TECHNICAL FEATURES**

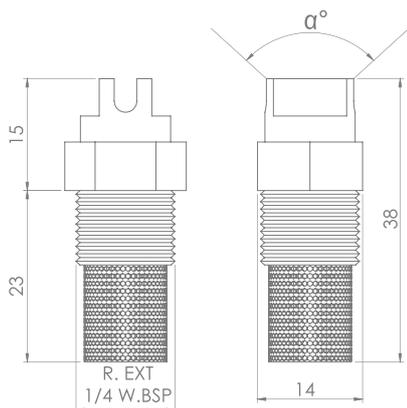
Nozzle	FOG WIDE NOZZLE
Code	66697
Inlet	G ¼" M
Jet diameter	Ø 1.4 mm
Dimensions AxB	38x14 mm
<b>Angle</b>	<b>l/min</b> <b>m</b>
<b>68</b>	0.72   4
<b>76</b>	0.95   7
<b>84</b>	1.4   15
<b>90</b>	1.6   20
<b>95</b>	2   30
<b>98</b>	2.3   40
<b>102</b>	2.8   60

**TECHNICAL FEATURES**

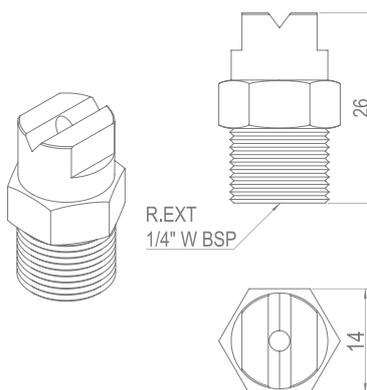
Nozzle	FOG NARROW NOZZLE
Code	70668
Inlet	G ¼" M
Jet diameter	Ø 1.4 mm
Dimensions AxB	26x14 mm
<b>Angle</b>	<b>l/min</b> <b>m</b>
<b>10</b>	5.3   14
<b>15</b>	7.6   28
<b>19</b>	10.6   55
<b>23</b>	17   138

**TECHNICAL FEATURES**

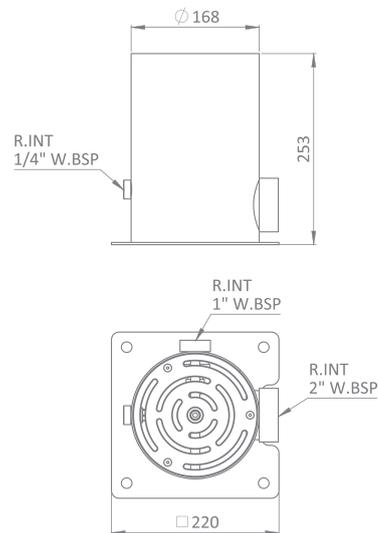
Nozzle	FOG NICHE
Code	70669
Inlet	G ¼" / 1"
Drain	G 2"
Dimensions AxB	253x220x220 mm
Material	Stainless steel AISI316



FOG WIDE NOZZLE



FOG NARROW NOZZLE



NICHE FOG



NOZZLES



# VULCANO NOZZLE



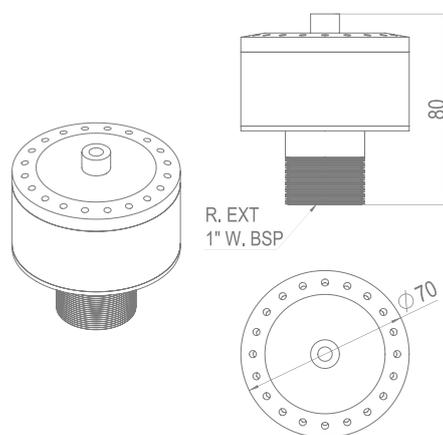
Vulcano nozzle produces a set of parabolic jets reaching different heights and lengths, achieving a nice and visible water effect.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Code

Vulcano nozzle

67204



TECHNICAL FEATURES

Nozzle	VULCANO NOZZLE	
Code	67204	
Inlet	G 1" M	
Jet diameter	Ø 1x6mm + 20x3 mm	
Dimensions AxB	80 x 70 mm	
Jet height [m]	l/min	m
0.5	27	1.3
1.0	35	2.3
1.5	43	3.1
2.0	49	3.7
2.5	55	4.4
3.0	60	5.2
4.0	72	6.6



**NOZZLES**

# MUSHROOM NOZZLE



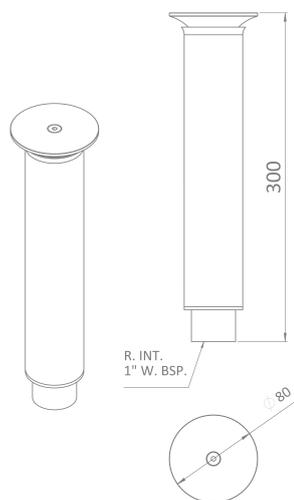
Mushroom nozzle produces a perfectly laminar and semi-spherical transparent lamina. When falling it creates a completely continuous bell-shaped effect.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Code

Mushroom nozzle

67206



TECHNICAL FEATURES		
Nozzle	MUSHROOM NOZZLE	
Code	67206	
Inlet	G 1" F	
Dimensions AxB	300 x 80 mm	
Diameter [mm]	l/min	m
250	29	1.2
500	32	1.3
750	40	1.4
1000	50	1.5



NOZZLES

# CALLYX NOZZLE



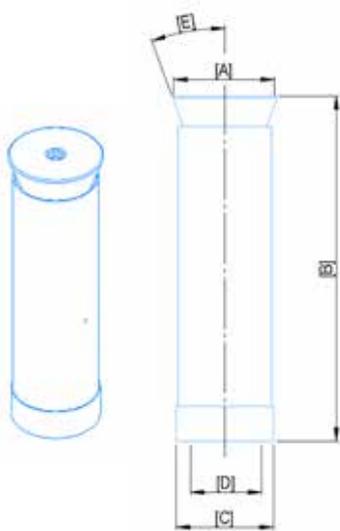
Callyx nozzle produces a perfectly laminar and conical transparent lamina similar shaped to a goblet.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
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**Callyx nozzle**

200 mm	1-¼" H	73823
200 mm	1-½" H	73824
230 mm	2" H	73825
225 mm	2" H	73826



TECHNICAL FEATURES

Code	73823	73824	73825	73826						
Jet diameter (A)	-	-	-	-						
Height (B)	200 mm	200 mm	230 mm	225 mm						
External diameter (C)	Ø 55 mm	Ø 55 mm	Ø 65 mm	Ø 65 mm						
Water connection (D)	1-¼" H	1-½" H	2" H	2" H						
Water level (E)	20°	20°	20°	35°						
Jet height [m]	Jet diameter [m]		l/min	m	l/min	m	l/min	m	l/min	m
0.12	0.25		45	0.5	50	0.5				
0.25	0.50		60	0.6	60	0.6	100	1.7	70	0.7
0.38	0.75				75	0.7	107	1.8	80	0.9
0.50	1				90	0.8	115	1.9	100	1.4
0.75	1.5						140	2.1	115	1.5
0.88	1.75								120	1.5
1	2								135	1.6



NOZZLES



# FLEUR DE LIS

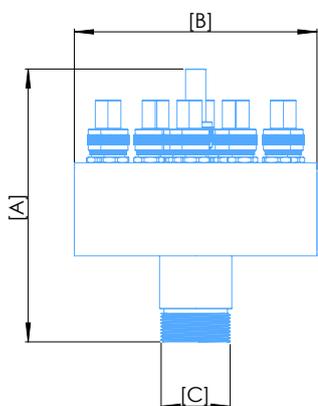


Fleur de lis nozzle produces a set of parabolic regulable jets, reaching different heights and lengths, achieving a nice and visible water effect.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
<b>Fleur de Lis</b>		
190x168 mm	1-½" M	73810
190x219 mm	2" M	73811
221x254 mm	2-½" M	73812
200x254 mm	3" M	73813
255x390 mm	4" M	73814

TECHNICAL FEATURES



Nozzle	FLEUR DE LIS									
Code	73810	73811	73812	73813	73814					
Inlet C	1-½" M	2" M	2-½" M	3" M	4" M					
Nozzles	1x10mm + 6x6mm + 12x6mm	1x10mm + 6x6mm + 12x6mm	1x12mm + 6x8mm + 12x8mm	1x10mm + 12x6mm + 24x6mm	1x14mm + 6x12mm + 12x12mm					
Material	AISI-316									
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m
0.5	78	1.4	82	1.9	130	2.0	140	2.0		
1	103	2.0	108	2.5	190	2.5	185	2.4		
1.5	126	2.8	133	3.0	235	3.0	242	2.9	505	3
2	148	3.5	152	3.7	284	3.5	291	3.8	615	3.5
2.5	165	4.2	179	4.2	316	4.2	330	4.3	710	4.3
3	185	4.9	200	5.0	357	5.0	370	5.0	773	4.9
4	206	5.9	234	6.5	401	6.3	425	6.4	893	5.7
5	227	7.5	265	8.1	443	7.5	458	8.2	997	7.2
6	249	8.9	297	9.8	502	8.9	512	9.8	1070	8.8
8					560	10.9	552	12.3	1120	10.9
10									1200	14.0
12										



NOZZLES



# BOUQUET NOZZLE



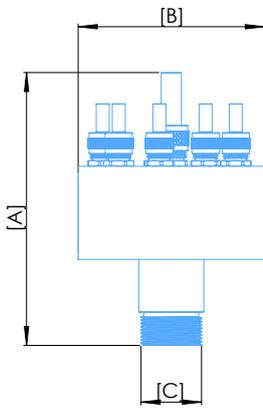
Bouquet nozzle produces a set of parabolic regulable jets, reaching different lengths, achieving a nice and visible water effect.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
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**Bouquet nozzle**

190x129 mm	1-¼" M	73815
190x204 mm	2" M	73816
220x254 mm	3" M	73817
220x254 mm	3" M	73818



TECHNICAL FEATURES

Nozzle	BOUQUET NOZZLE							
Code	73815		73816		73817		73818	
Dimensiones (AxB) mm	190 x 129		190 x 204		220 x 254		220 x 254	
Inlet C	1-¼" M		2" M		3" M		3" M	
Nozzles	1x8 mm + 9x6 mm		1x8 mm + 24x4 mm		1x14 mm + 12x10 mm		1x14 mm + 24x10 mm	
Material	AISI-316							
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m
0.5	42	1.1	46	0.9	177	0.8	312	0.9
1	60	2.0	65	1.7	230	1.5	406	1.5
1.5	76	2.8	81	2.2	279	2.2	502	2.1
2	89	3.4	99	3.0	361	2.7	651	2.8
2.5	97	4.1	110	3.6	399	3.8	718	3.4
3	110	4.9	121	4.2	438	4.9	782	4.2
4	128	5.9	141	5.0	491	5.5	879	5.5
5	143	7.3	162	7.1	542	6.9	961	7.0
6					616	8.2	1102	8.5
8					712	9.6		

NOZZLES



# ROTATING NOZZLE



Rotating Nozzle is a rotative nozzle that generates a very visual and aesthetic braid of water. It does not need any external accessory to generate the movement and the rotation speed is regulable. It is made in AISI-316 stainless steel.

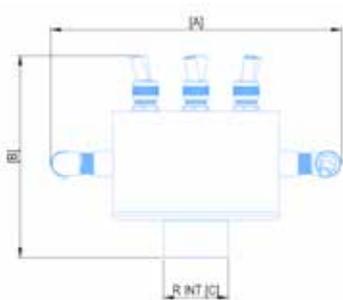
Jet Ø (A)	Inlet	Code
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**Rotating nozzle**

225x158 mm	1" H	73827
265x205 mm	1 - ½" H	73828
370x265 mm	2" H	73829
440x290 mm	2 - ½" H	73830

TECHNICAL FEATURES

Nozzle	ROTATING 1"	ROTATING 1-1/2"	ROTATING 2"	ROTATING 3"				
Code	73827	73828	73829	73830				
Inlet (C)	1" H	1-½" H	2" H	2-½" H				
Nozzle Qty	(6+2) D6mm	(6+2) D8mm	(6+2) D12mm	(6+2) D14mm				
Dimensions (AxB)	225 x 158	265 x 205	370 x 265	440 x 290				
<b>Jet height [m]</b>	<b>Q (l/min)</b>	<b>H (m)</b>	<b>Q (l/min)</b>	<b>H (m)</b>	<b>Q (l/min)</b>	<b>H (m)</b>	<b>Q (l/min)</b>	<b>H (m)</b>
1	60	1,7	112	1,8	282	2,1	370	2,0
1,5	81	2,4	144	2,5	344	2,9	462	2,9
2	97	3,4	171	3,4	391	3,8	546	3,8
3	123	5,2	217	5,2	480	5,3	680	5,6
4	139	7,0	255	7,0	558	7,0	790	7,4
5	160	9,1	294	8,5	631	8,7	899	9,2
6			344	9,3	705	10,5	991	11,1
7					770	12,0	1084	13,0
8					825	13,7	1168	14,7
10							1310	18,3



NOZZLES

URBAN WET LINES



UWL3476 is a top quality product developed for the installation of modular and walkable play fountains. It is easy to install on the ground, as well as the connection between modules.

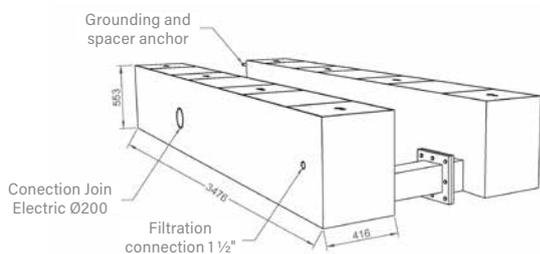
The UWL3476 modular system allows you to easily design your walkable play fountain to suit your needs, guaranteeing safe fun.

Code

Módulo Urban Wet lines 77515

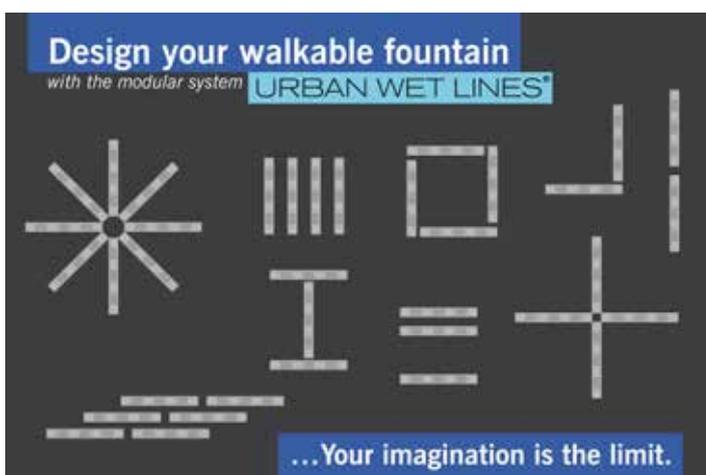
**Accessories**

Functional package 77516  
(For more information, please contact a Fluidra representative)



TECHNICAL FEATURES

Module	Urban Wet Lines
Code	77515
Dimensions (L x W x H) [mm]	1200 x 515 x 572
Control	DMX - RDM (9 channels)
Voltage [V]	240
Led Illumination	Multicolor: 3W 12Vac DMX
Join connector	UWL150 / 200 / 60
Level control	Automatic filling system
Covering of the module	Not included
Water volume [l]	620
Material	AISI-316



JETS



# DANCER JET



Rhythmic and elegant movements combined with the swing of the water provided by the Dancer jet contribute to create new sensations and dynamism just by the movement of the water.

The combination of light and water effects makes it innovative and spectacular, and without a doubt, it delivers the effects intended for the enjoyment of spectators.

The Dancer jet follows any kind of rhythm thanks to its axial movement.

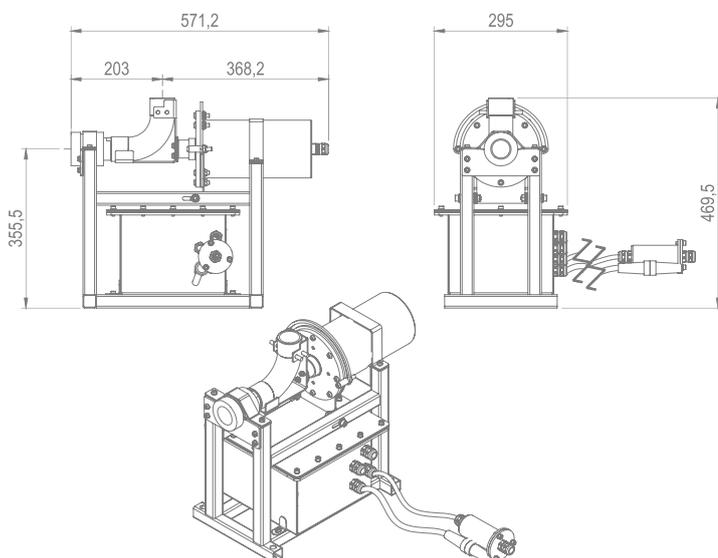
The infinite number of sequences of this jet means that extremely spectacular shows can be put on.

Code

Dancer jet	67652
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ACCESSORIES	
Accessories	Code
Jet Dancer Nozzle Short 16	67646
Jet Dancer Nozzle Long 16	67647
Jet Dancer Nozzle Short 20	67648
Jet Dancer Nozzle Long 20	67649
Lighting fixation	Code
Fixation for Halospot light	67650

TECHNICAL FEATURES	
Jet	DANCER JET
Code	67652
Dimensions (L x W x H) [mm]	580 x 300 x 470
Light type (optional)	RGB - DMX
Dancer Jet nominal voltage [V]	230 VAC
Power (Dancer) [W]	200
Power rating [A]	1.1
Water Inlet connection	1-1/2" G
Jet diameter [mm]	16 / 20 (optional)
Maximum water depth [mm]	500
Jet movement range [°]	-1
Jet movement velocity [°/s]	0 - 240
Material	Stainless steel 316
Weight [kg]	24
Dynamic jet height	With individually pump and frequency inverter
Protection class	155x38 mm



## DANCER NOZZLE



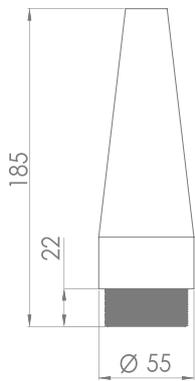
Dancer Nozzle is an ideal nozzle to combine with Dancer Jet and Swing Dancer Jet equipment. Its versatility in the lengths of thread allows to adapt to different types of lighting.

They are entirely made of nicked brass and AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain.

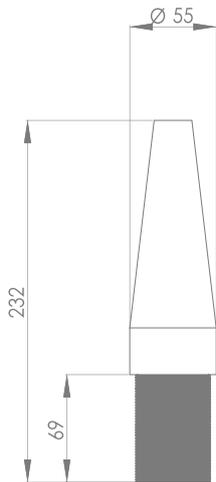
Jet Ø (A)	Inlet	Code
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**Dancer nozzle**

Ø 16 mm	G 1-½" M	67646
Ø 16 mm	G 1-½" M	67647
Ø 20 mm	G 1-½" M	67648
Ø 20 mm	G 1-½" M	67649



DANCE NOZZLE SHORT  
67646 - 67648



DANCE NOZZLE LONG  
67647 - 67649

TECHNICAL FEATURES

Nozzle	DANCER NOZZLE SHORT 16		DANCER NOZZLE LONG 16		DANCER NOZZLE SHORT 20		DANCER NOZZLE LONG 20	
Code	67646		67647		67648		67649	
Inlet	G 1-½" M		G 1-½" M		G 1-½" M		G 1-½" M	
Jet diameter A	Ø 16 mm		Ø 16 mm		Ø 20 mm		Ø 20 mm	
Recommend light	Halospot (I0403MIRNDMXI52/ I0403WIRNI52)		Circular led (I1261MWNDMXI52/ I1255MWNDMXI52)		Halospot (I0403MIRNDMXI52/ I0403WIRNI52)		Circular led (I1261MWNDMXI52/ I1255MWNDMXI52)	
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m
0.5	46	1	46	1	70	1.2	70	1.2
0.75	55	1.3	55	1.3	80	1.3	80	1.3
1	62	1.5	62	1.5	87	1.5	87	1.5
1.25	70	1.9	70	1.9	95	1.8	95	1.8
1.5	76	2.1	76	2.1	104	2.1	104	2.1
1.75	82	2.4	82	2.4	111	2.4	111	2.4
2	88	2.6	88	2.6	119	2.7	119	2.7
2.5	99	3.2	99	3.2	135	3.3	135	3.3
3	108	3.7	108	3.7	148	4	148	4
3.5	117	4.5	117	4.5	160	4.6	160	4.6
4	125	5.1	125	5.1	171	5.2	171	5.2
5	138	6	138	6	197	6.4	197	6.4
6	150	7.5	150	7.5	217	7.6	217	7.6
7	164	8.5	164	8.5	238	8.9	238	8.9
8	176	9.6	176	9.6	257	10.2	257	10.2
9	187	11.2	187	11.2	274	11.3	274	11.3
10	198	12.5	198	12.5	290	12.6	290	12.6
11	208	13.8	208	13.8	306	13.9	306	13.9
12	216	14.6	216	14.6	322	15.1	322	15.1
14					348	17.6	348	17.6



JETS



# SWING DANCER JET



The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

The multidirectional spout generates unique movements that create numerous shapes and figures. The jet can be programmed to go faster or slower so that it appears to dance on the water in dynamic, elegant movements.

Code

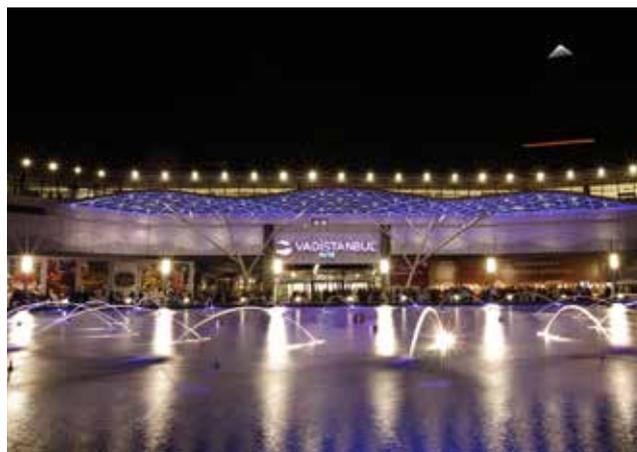
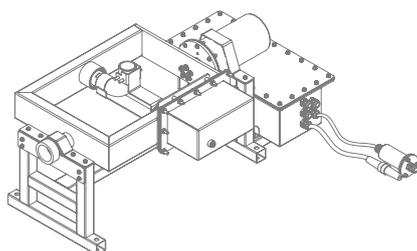
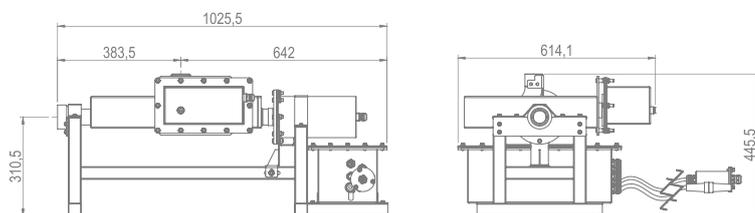
Swing dancer jet	72266
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### ACCESSORIES

Accessories	Code
Jet Dancer Nozzle Short 16	67646
Jet Dancer Nozzle Long 16	67647
Jet Dancer Nozzle Short 20	67648
Jet Dancer Nozzle Long 20	67649
Lighting fixation	Code
Fixation for Halospot light	67650

### TECHNICAL FEATURES

Jet	SWING DANCER JET
Code	72266
Dimensions (L x W x H) [mm]	1030 x 620 x 450
Light type (optional)	RGB - DMX
Dancer Jet nominal voltage [V]	230 VAC
Power (Dancer) [W]	350
Power rating[A]	1.9
Water Inlet connection	2" G
Jet diameter [mm]	16 / 20 (optional)
Maximum water depth [mm]	500
Jet movement range X axis [°]	-1
Jet movement range Y axis [°]	-1
Jet movement velocity in axis X[°/s]	0 - 120
Jet movement velocity in axis Y[°/s]	0 - 240
Material	AISI 316 stainless steel
Weight [kg]	55
Dynamic jet height	With standal pump and frequency inverter
Protection level	IP 68



## SWING Z DANCER JET



The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

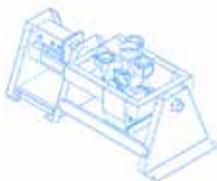
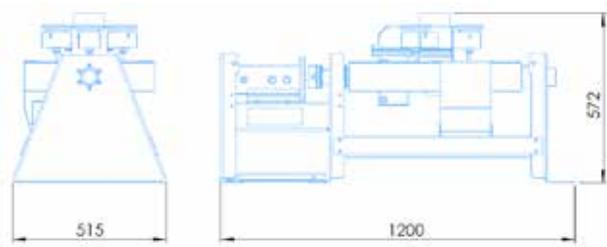
The multidirectional spout generates unique movements that create numerous shapes and figures. The jet can be programmed to go faster or slower so that it appears to dance on the water in dynamic, elegant movements.

In combination with the FUN nozzle and the rotation of the Z axis, we can create incredible water effects.

Code

Swing Z dancer jet

72292



### TECHNICAL FEATURES

Jet	SWING DANCER JET Z
Code	72292
Dimensions (L x W x H) [mm]	1200 x 515 x 572
Control	DMX - RDM (9 channels)
Nominal Voltage [V]	24 VDC
Power [W]	450
Nominal current [A]	18.8
Water inlet connection	1 1/2" G
Water outlet connection	1 1/2" G
Maximum water depth [mm]	500
Movement range X/Y axis [°]	-60 / +60
Movement range Z axis [°]	-360 / +360
Axis X/Y Speed [°/s]	0 - 120
Axis Z Speed [°/s]	0 - 500
Material	AISI-316
Weight [Kg]	95
Protection level	IP68



# DIGITAL CURTAIN



Historically, murals have been a way of representing all kind of elements. Through a combination of water and light, these representations will be given a new meaning in an innovative and interactive way.

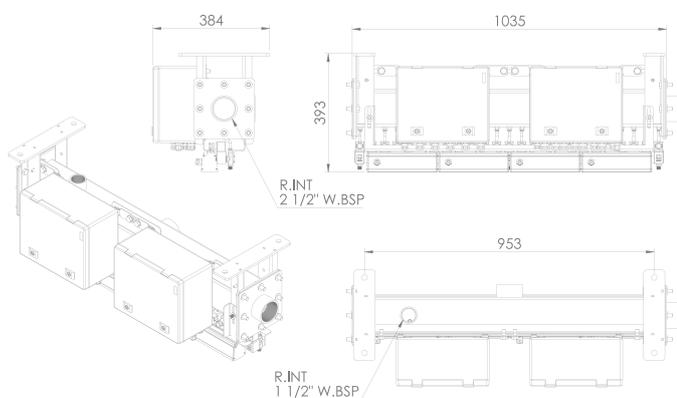
The effect introduces new technologies able to represent shapes instantly by interacting with a tablet device. A multitude of geometric combinations, organic figures and texts have their place within the concept of an interactive curtain, where you can draw and create anything you want using water and light.

Due to the force of gravity, it is important to highlight that the recommended height is lower than 4 meters. The Digital Curtain is perfect for advertising.

Code

Digital Curtain

66548



### TECHNICAL FEATURES

Dimensions (L x W x H) [mm]	1035 x 390 x 393 (standard)
Nominal Voltage [V]	230 VAC
Light type	RGB+W - DMX
Light power consumption [W/m]	52
Total power consumption [W/m]	240 (without pump)
Power rating[A]	1.1
Recommended pressure [bar]	0.5
Curtain flow [(m <sup>3</sup> /h)/m]	4
Recommended height[m]	≤ 4
Control system	Watercurtain Manager Software
Material	AISI 316 / Brass / Others
Weight without water [kg/m]	58 kg/m
Weight with water [kg/m]	73 kg/m
Protection class	IP 66



JETS

## WATER CURTAIN



\* Product Upon Request

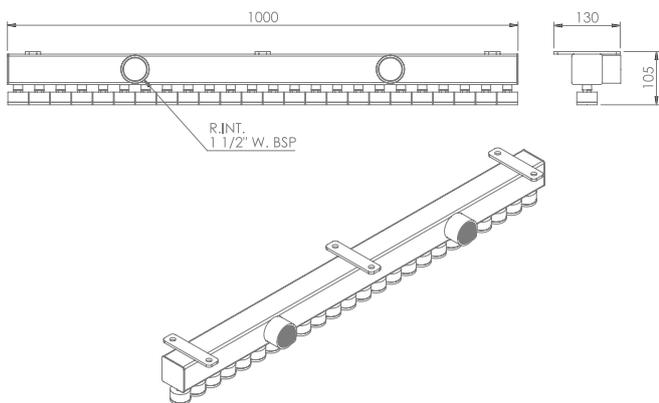
This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images. The Water Curtain is big enough to project a standard panoramic HDTV image (16:9).

The combination of this decorative feature with a video or laser projector will create a visually impressive effect.

Code

Water Curtain

66551



### TECHNICAL FEATURES

Dimensions (L x W x H) [mm]	1000 x 140 x 114 (standard)
Recommended pressure [bar]	0.5
Curtain flow per m [m <sup>3</sup> /h]	4
Recommended height [m]	≤ 4
Material	AISI 316 stainless steel/Brass
Weight without water [kg/m]	15 kg/m
Weight with water [kg/m]	20 kg/m

## WATER CURTAIN WITH LINEAR LED



This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images.

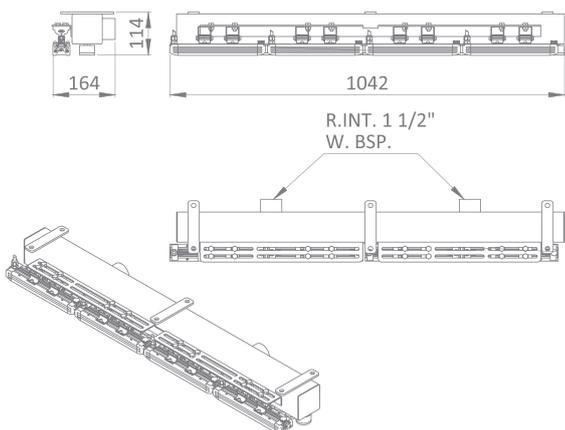
It incorporates RGB+W LED lighting with individual control of four LED lights each meter of water curtain, through DMX protocol.

The combination of the waterfall with integrated lighting will create a visually impressive effect.

Code

Water Curtain With Linear Led

73346



### TECHNICAL FEATURES

Dimensions (L x W x H) [mm]	1042 x 164 x 114 (standard)
Nominal Voltage [V]	24 VDC
Light type	RGB+W - DMX
Power consumption [W/m]	52
Recommended pressure [bar]	0.5
Curtain flow per m [m <sup>3</sup> /h]	4
Recommended height [m]	≤ 4
Material	AISI 316 stainless steel/Brass
Weight without water [kg/m]	18 kg/m
Weight with water [kg/m]	23 kg/m

JETS



# MESH CURTAIN



This mesh waterfall creates a continuous effect of falling water, producing a soft sound of calm and tranquility. It generates a pleasant and attractive hypnotic effect that recreates small waves of water.

With its state-of-the-art design it produces a perfect and uniform sheet of water continuously, silently and without splashing throughout the entire mesh. It is an ideal ornamental solution for interior spaces in hotels, shopping centers and events due to its great appeal and integration with the environment

It is made of AISI 316 stainless steel to guarantee maximum resistance to rust and reproduce a high-quality finish. The ornamental effect can be maximized by adding a lighting system or digital projection.

TECHNICAL FEATURES

Jet	MESH CURTAIN
Code	-
Dimensions (L x W x H) [mm]	Depends on the project
Fall pressure (max.) [bar]	Depends on the mesh height
Flow per m [(m <sup>3</sup> /h)/m]	100 l/min
Material	AISI 316 stainless steel
Weight [kg]	Depends on the project



## WATER SCREEN



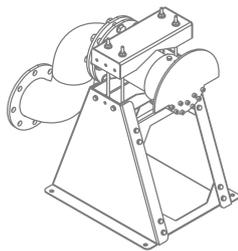
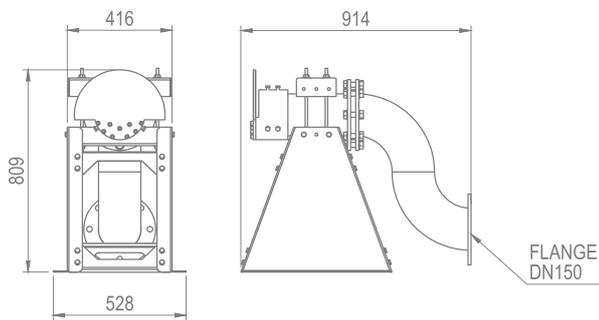
This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images. The Water Screen is big enough to project a standard panoramic HDTV image (16:9).

The combination of this decorative feature with a video or laser projector will create a visually impressive effect.

Code

Water Screen

66550



### TECHNICAL FEATURES

Jet	WATER SCREEN
Code	66550
Dimensions (L x W x H) [mm]	925 x 518 x 803
Inlet connection	Flange DN150
Screen dimensions range [m]	24 x 8 - 48 x 16
Flow range [m <sup>3</sup> /h]	110 - 260
Pressure range [bar]	6 - 12
Maximum water depth [mm]	530
Material	Stainless steel 316
Weight [kg]	94



JETS

# WATERFALL



This ornamental feature produces a continuous waterfall. As a result, it makes the gentle, calming sound of the waves on the beach. It can be installed both indoors and outdoors.

Its cutting-edge design creates a perfectly uniform film of water along the whole cascade.

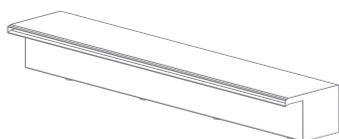
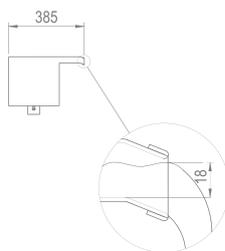
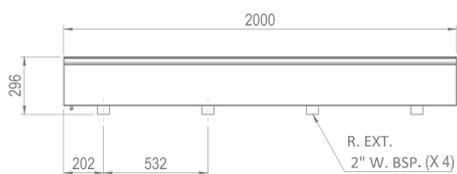
It is made of AISI 316 stainless steel to ensure maximum resistance to rust and to give it a high quality finish.

It is possible to enhance the ornamental effect by adding a lighting system.

Code

Waterfall

66552



## TECHNICAL FEATURES

Jet	WATERFALL
Code	66552
Dimensions (L x W x H) [mm]	2000 x 385 x 296 standard, others on request
Fall pressure (max.) [bar]	0.5 (low pressure recommended)
Flow per m [(m <sup>3</sup> /h)/m]	12.5 (e=15mm)
Maximum flow [(m <sup>3</sup> /h)/m]	30
Material	AISI 316 stainless steel
Weight [kg]	25



# JET COSMOS



Cosmos produces a sequence of perfect spherical water droplets that float in the air and shoots the water up and down. These movements emulate cosmic water particles that act randomly.

The illumination emphasizes the effect by producing a random display of different colored particles.

Cosmos can alternate the droplets with another astonishing effect: small, extremely fast vertical jets able to create high-speed cascades, waves, etc.

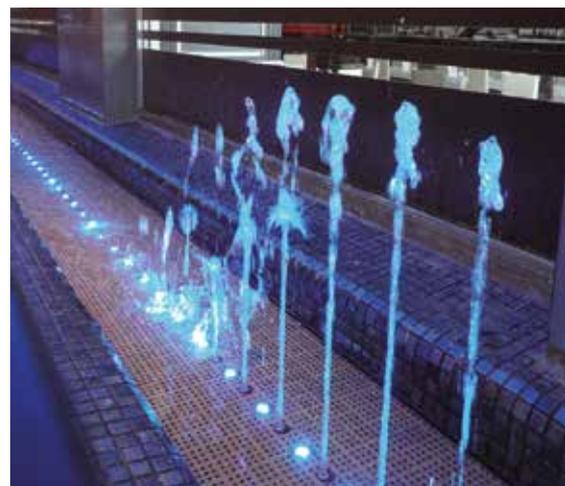
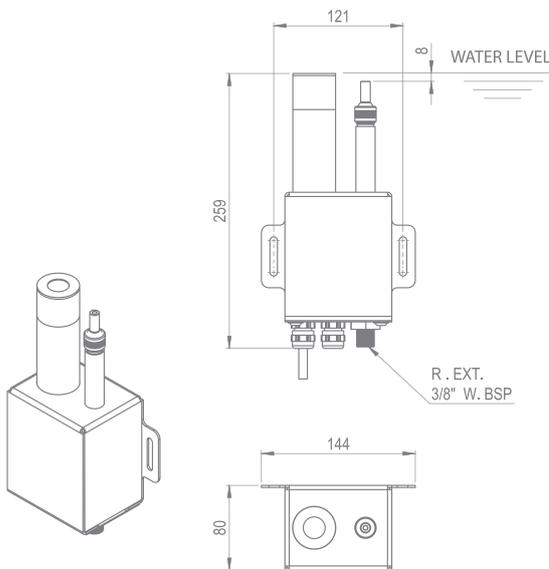
Code

Jet Cosmos

66553

### TECHNICAL FEATURES

Jet	COSMOS
Code	66553
Dimensions (L x W x H) [mm]	144 x 80 x 259
Light type	RGB - DMX
Light nominal voltage [V]	24 VDC
Cosmos nominal voltage [V]	24 VDC
Power (Light) [W]	3
Power (Cosmos) [W]	14
Power (Total) [W]	17
Power rating[A]	0.6
Waterinlet connection	3/8" G
Jet diameter [mm]	4
Jet function flow h=1m [l/min]	3.4
Pressure (max.) [bar]	1.5
Light control	DMX (3 channels)
Material	AISI 316 stainless steel / Brass / Other
Weight [kg]	2
Protection rating	IP 68



JETS

# GLASSY JET



Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

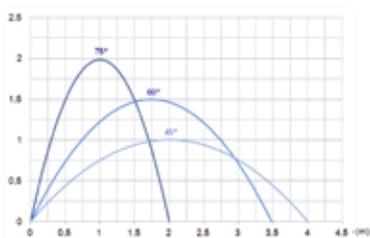
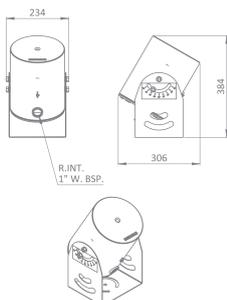
The Glassy jet shines light in the water as it follows its path. It only illuminates the water and does not cause any light pollution.

There is also the Jumping effect option, which throws small streams of water across the parabolic path.

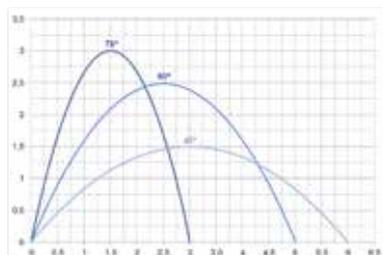
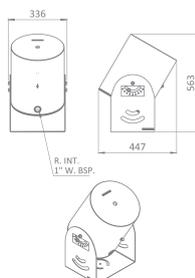
Light type      Voltage [V]      Code

**Glassy jet**

RGB - DMX	24 VDC	66559
RGB	24 VDC	66559RGB
RGB - DMX	24 VAC	66561



66559



66561

**TECHNICAL FEATURES**

Jet	GLASSY JET S	GLASSY JET RGB	GLASSY JET L
Code	66559	66559RGB	66561
Dimensions (L x W x H) [mm]	306 x 234 x 384	306 x 214 x 384	447 x 336 x 563
Light type	RGB - DMX	RGB	RGB - DMX
Light nominal voltage [V]	24 VDC	12 VAC	24 VDC
Power (Light) [W]	4	4	4
Power (Total) [W]	4.5	-	4.5
Water inlet connection	1" G	1" G	1" G
Jet diameter [mm]	12 standard	12 standard	16 standard
Maximum water depth [mm]	320	320	480
Jet rake range [°]	30-90	30-90	30-90
Light control	DMX (3 channel)	-	DMX (3 channel)
Jumping control system	Relay	-	Relay
Material	ASIS 316 stainless steel	ASIS 316 stainless steel	ASIS 316 stainless steel
Weight [kg]	7	7	20.5
Dynamic parabola	With individually pump and frequency inverter	With individually pump and frequency inverter	With individually pump and frequency inverter
Maximum parabola of water	4	4	6
Flow (max. parabola) [m³/h]	2	2	4.2
Pressure (max. parabola) [bar]	0.4	0.4	0.6
Hydraulic operation	130 microns filtered water	130 microns filtered water	130 microns filtered water



# GLASSY JET with jumping effect



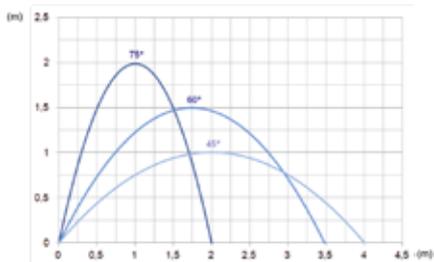
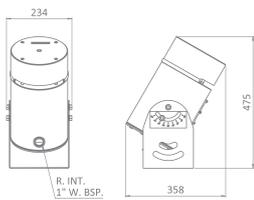
Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

The Glassy jet shines light in the water as it follows its path. It only illuminates the water and does not cause any light pollution.

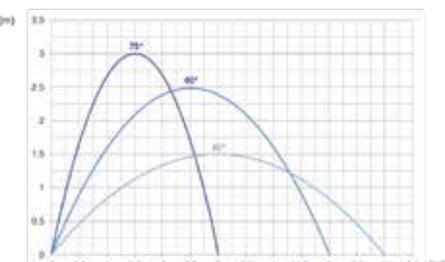
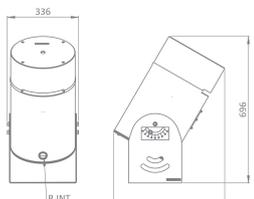
There is also the Jumping effect option, which throws small streams of water across the parabolic path.

Code

Glassy jet S with jumping effect	66560
Glassy jet L with jumping effect	66562



66560



66562

## TECHNICAL FEATURES

Jet	GLASSY JET S WITH JUMPING EFFECT	GLASSY JET L WITH JUMPING EFFECT
Code	66560	66562
Dimensions (L x W x H) [mm]	358 x 234 x 475	524 x 336 x 696
Light type	RGB - DMX	RGB - DMX
Light nominal voltage [V]	24 VDC	24 VDC
Jumping nominal voltage [V]	24 VDC	24 VDC
Power (Jumping) [W]	24	24
Power (Light) [W]	4	4
Power (Total) [W]	28	28
Water inlet connection	1" G	1" G
Jet diameter [mm]	12 standard	16 standard
Maximum water depth [mm]	315	480
Jet rake range [°]	30-90	30-90
Light control	DMX (3 channel)	DMX (3 channel)
Jumping system control	Relay	Relay
Material	Stainless steel 316	Stainless steel 316
Weight [kg]	12	26
Dynamic parabola	With individually pump and frequency inverter	With individually pump and frequency inverter
Maximum parabola of water	4	6
Flow (max. parabola) [m³/h]	2	4.2
Pressure (max. parabola) [bar]	0.4	0.6
Hydraulic operation	130 microns filtered water	130 microns filtered water



JETS

# SWITCH L SYSTEM

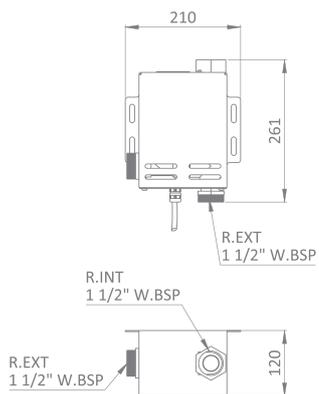


Switch System is a dynamic jet ideal for interactive fountains such as Funsquare type, to produce fast water games with individual control for each installed jet. The design of this jet allows state changes without water hammer in the installation.

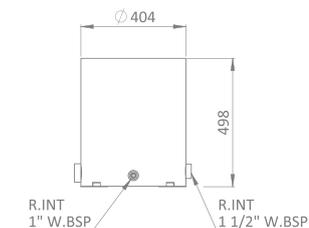
For dry fountains there is the option of the Switch System with 316 stainless steel niche and integrated led RGB-DMX projectors.

Code

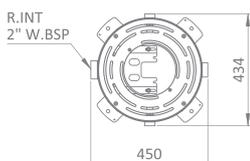
Switch L System	66570
Switch L Niche	66572



66570



66572



TECHNICAL FEATURES		TECHNICAL FEATURES	
Jet	SWITCH L SYSTEM	Jet	SWITCH L NICHE
Code	66570	Code	66572
Dimensions (LxWxH) [mm]	210 x 120 x 261	Dimensions (L x W x H) [mm]	450 x 435 x 500
Nominal Voltage [V]	24 VDC	Material	Stainless steel 316
Power [W]	25	Weight [kg]	19
Nominal Current [A]	1.1	Water connections	1 x 1-1/2", 1 x 2"
Water connections	1-1/2" G	Connections for wiring	2 x 1"
Maximum flow [l/min]	290		
Maximum pressure [bar]	4		
Pressure drop Qn [bar]	0.4 - 1		
Material	Stainless steel 316 / Brass		
Weight [kg]	6.5		
Protection class	IP 68		
Hydraulic requirements	130 microns filtered		





## SWITCH S SYSTEM

Switch System is a dynamic jet ideal for interactive fountains such as Funsquare type, to produce fast water games with individual control for each installed jet.

The design of this jet allows state changes without water hammer in the installation.

It has many tile models being able to choose between different types of round and square designs.

Code

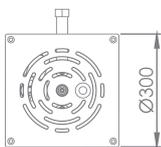
### Switch S System

3W	66569
6W	73358
16W	73360
6W	73357
12W	73359
16W	73361
3W	73351
6W	73353
16W	73355
6W	73352
12W	73354
16W	73356

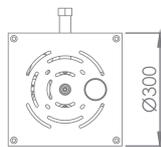
### TECHNICAL FEATURES

Jet	Switch System		
Dimensions [mm] (see drawings on next page)	300 x 300 x 371 / D.400 x 371		
Nominal Voltage [V]	24 VDC		
Power (without LED) [W]	25		
EV Nominal Current [A]	1.1		
Lighting Control	DMX		
Water connections	1" G		
Jet diameter [mm]	12		
Material	Stainless steel 316 / Brass		
Protection class	IP 68		
Hydraulic requirements	130 microns filtered water		
	<b>JET HEIGHT [m]</b>	<b>l/min</b>	<b>m</b>
	0.5	25.4	4.5
	0.75	30.2	4.8
	1	33.6	5
	1.25	39	5.5
	1.5	40.9	5.6
	1.75	45.8	6.1
	2	46.6	6.2
	2.5	51.9	6.7
	3	57.2	7.3
	3.5	62.9	8
	4	66.4	8.5

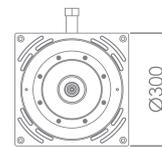
# SWITCH S SYSTEM



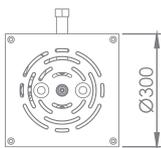
66569



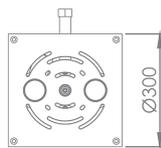
77358



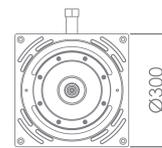
73360



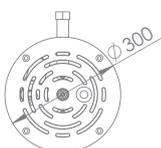
77357



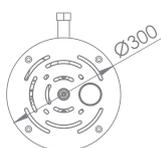
73359



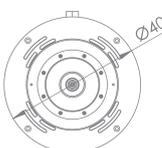
73361



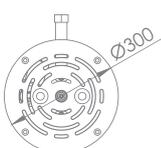
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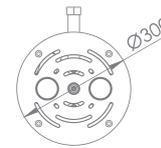
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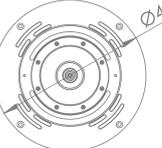
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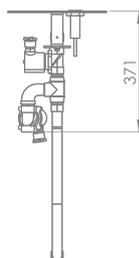
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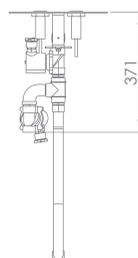
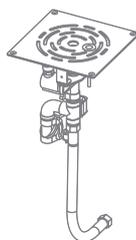
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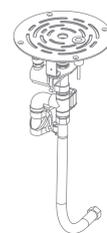
73356



Switch S



Switch S



# ROCKET JET



The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

The explosion of water creates a perfect vertical line that will be the centre of attention anywhere.

The lighting highlights the height of the water to turn it into a powerful beam of light, which rises at high speeds and draws colored lines on the water.

The combination of several units of this effect will create spectacular high speed sequences.

Dimensions  
(L x W x H) [mm]

Code

**Rocket jet**

3 x 248 x 727

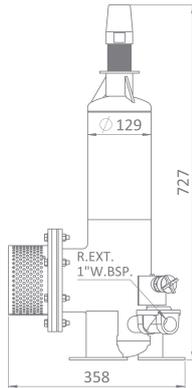
66564

530 x 515 x 887

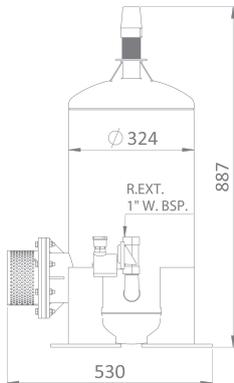
66565

642 x 514 x 1558

66566



66564



66565



66566

TECHNICAL FEATURES

Jet	Rocket Jet S	Rocket Jet M	Rocket Jet L
Code	66564	66565	66566
Dimensions (L x W x H) [mm]	3 x 248 x 727	530 x 515 x 887	642 x 514 x 1558
Nominal voltage [V]	24 VDC	24 VDC	24 VDC
Power [W]	25	2 x 25	2 x 25
Power rating [A]	1.1	2 x 1.1	2 x 1.1
Air Inlet connection	1" G	2 x 1" G	2 x 1" G
Air pressure [bar]	2.5	5	10
Water level [mm]	620	720	1320
Jet diameter [mm]	19	19	19
Jet height [m]	15	30	50
Material	Stainless steel 316	Stainless steel 316	Stainless steel 316
Weight [kg]	18	58	75
Refill time (s)	5	15	30
Air consumption (L)	15	120	225



JETS



# ROCKET HORIZONTAL JET



The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

The explosion of water creates a perfect vertical line that will be the centre of attention anywhere.

The lighting highlights the height of the water to turn it into a powerful beam of light, which rises at high speeds and draws colored lines on the water.

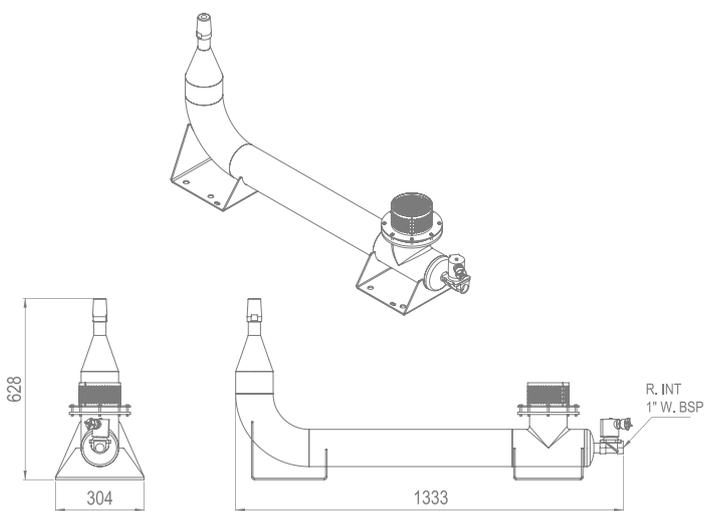
The combination of several units of this effect will create spectacular high speed sequences.

Code

Rocket Horizontal Jet 66563

TECHNICAL FEATURES

Jet	ROCKET HORIZONTAL JET
Code	66563
Dimensions (L x W x H) [mm]	1350 x 305 x 630
Nominal voltage [V]	24 VDC
Power [W]	25
Power rating [A]	1.1
Air Inlet connection	1" G
Air pressure (max.) [bar]	4.5
Maximum water depth [mm]	570
Minimum water depth [mm]	470
Jet diameter [mm]	19
Jet height [m]	20
Material	AISI 316 stainless steel
Weight [kg]	31
Refill time (s)	10
Air consumption (L)	38



JETS



# PLUG & PLAY



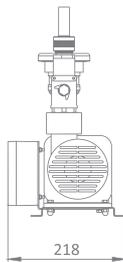
The Plug and Play fountain kit let you have a small complete fountain into your garden. It combines comfort, design and energy efficiency in a easy and quick product to install. It comes with 10 meter cable, a nozzle and a multi color RGB light included. The nozzle can be replaced by any other nozzle of our plug and play series to configure the fountain to your preference. The highly efficient RGB LED with color changing sequence brings color into the pond. The jet height is adjustable up to 3.5 meters, according to the installed nozzle.

Code

Kit Spear D12	66979
Kit Foamy 35	66980
Kit Vulcano	66981
Kit Mushroom	66982

## TECHNICAL FEATURES

PLUG & PLAY	KIT SPEAR D12	KIT FOAMY 35	KIT VULCANO	KIT MUSHROOM
<b>Code</b>	66979	66980	66981	66982
<b>Dimensions (L x W x H) [mm]</b>	281 x 218 x 390	281 x 218 x 434	281 x 218 x 354	281 x 218 x 565
<b>Connection</b>	1" G	1" G	1" G	1" G
<b>Nozzle material</b>	Stainless Steel 304	Plastic / Stainless Steel 304	Stainless Steel 316	Stainless Steel 316
<b>Pump</b>	24 VDC / 105 W (Power supply included)			
<b>LED lighting</b>	12 VAC / 4 W (Transformer/ select button included)			
<b>Max. Height</b>	2.5 m	1 m	2 m	1 m (Diameter)



66979 PLUG & PLAY KIT SPEAR



66982 PLUG & PLAY KIT MUSHROOM



66981 PLUG & PLAY KIT VULCAN



66980 PLUG & PLAY KIT FOAMY



FOUNTAIN PUMPS

# SUBMERSIBLE PUMP DF



Submersible DF pumps has a prefilter incorporated which helps to the correct working of the device It has a large filter surface, so increases highly filter clogging time.

Incorporates supports to ease horizontal pump installation.

There are available some pump models according to the needs of each installation.

It is a very robust and resistant to rusting model manufactured in AISI 304 stainless steel.

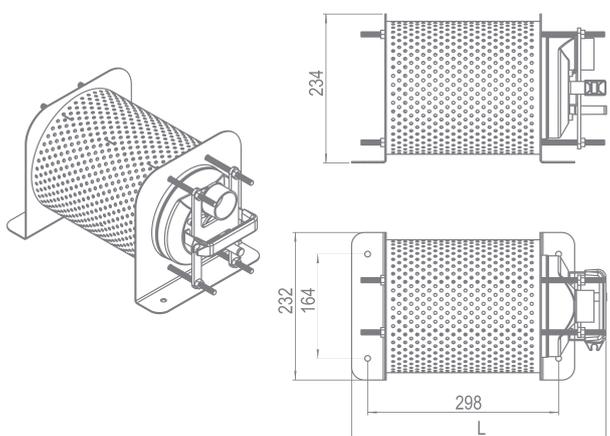
Dimensions (L x W x H) [mm]	Nominal voltage [VAC]	Code
--------------------------------	-----------------------	------

**Submersible Pump DF**

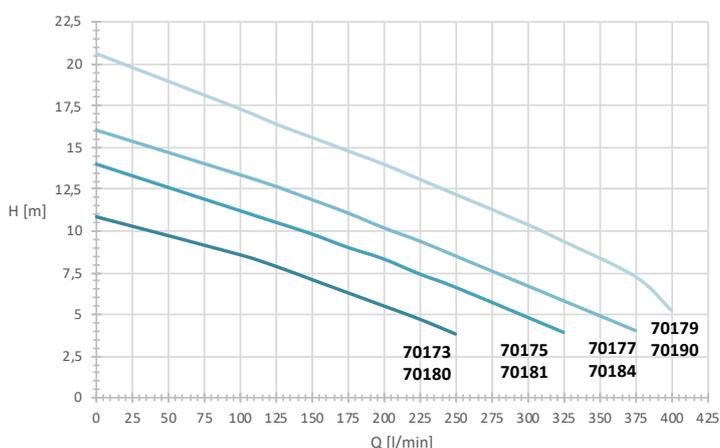
402 x 232 x 234	230~3 VAC	70173
417 x 232 x 234	230~3 VAC	70175
447 x 232 x 234	230~3 VAC	70177
447 x 232 x 234	230~3 VAC	70179
402 x 232 x 234	400~3 VAC	70180
417 x 232 x 234	400~3 VAC	70181
447 x 232 x 234	400~3 VAC	70184
447 x 232 x 234	400~3 VAC	70190

TECHNICAL FEATURES

Pump	SUBMERSIBLE PUMP DF WITH PREFILTER							
Code	70173	70175	70177	70179	70180	70181	70184	70190
Dimensions (L x W x H) [mm]	402 x 232 x 234	417 x 232 x 234	447 x 232 x 234	447 x 232 x 234	402 x 232 x 234	417 x 232 x 234	447 x 232 x 234	447 x 232 x 234
Nominal voltage [VAC]	230~3	230~3	230~3	230~3	400~3	400~3	400~3	400~3
Nominal power [kW]	0.55	0.75	1.1	1.5	0.55	0.75	1.1	1.5
Maximum flow [l/min]	250	325	375	420	250	325	375	420
Maximum head [m]	10.9	14	16.1	20.6	10.9	14	16.1	20.6
Hydraulic connection	1 1/2" G							
Minimum water depth [mm]	300							



GRAPH SHOWING PERFORMANCE OF PUMPS



FOUNTAIN PUMPS



# DMX PUMP S



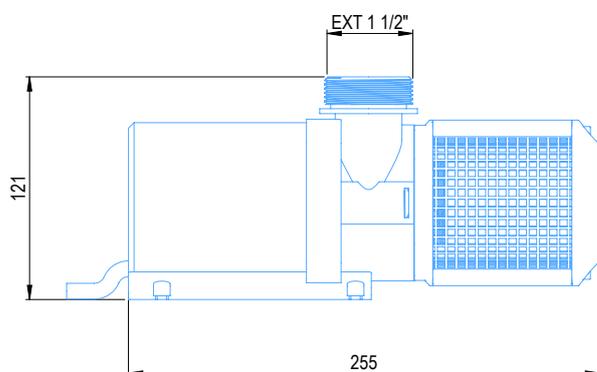
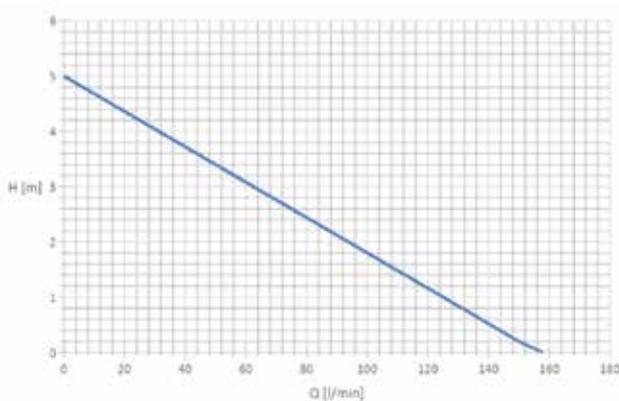
The DMX Variable Pump S allows to control the jet heights individually creating a multitude of effects and figures in dynamic fountains. It is ideal to be installed just below the Spear Nozzle between 12 and 14 mm and Foamy Nozzles.

The device incorporates the height variation system through DMX protocol, what facilitates the control of the jets and reduces considerably the size and cost of electrical cabinets.

Code

DMX pump S

67410



TECHNICAL FEATURES

Pump	DMX PUMP S
Code	67410
Dimensions (L x W x H) [mm]	254 x 97 x 121
Nominal voltage [V]	24 VDC
Power [W]	100
Power rating [A]	4.2
Hydraulic connection	1-1/2" G
Minimum water depth [mm]	200
Maximum pressure [m]	5
Maximum flow [l/min]	160
Dynamic response 0-100% [s]	1
Starts per minute (max.)	6
Control system	DMX-RDM
Weight [kg]	2



FOUNTAIN PUMPS



# DMX PUMP L



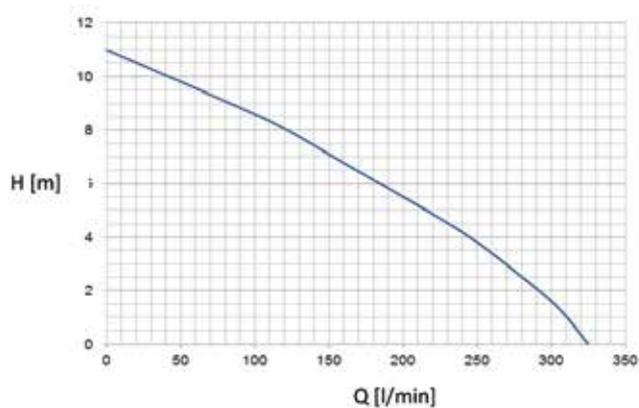
The DMX Variable Pump allows to control the jet heights individually, creating a multitude of effects and figures in dynamic fountains. It is ideal to be installed just below the Spear Nozzle between 12 and 20 mm and Foamy Nozzles.

The device incorporates the height variation system of variation through DMX protocol, what facilitates the control of the jets and reduces considerably the size and cost of the electrical cabinets.

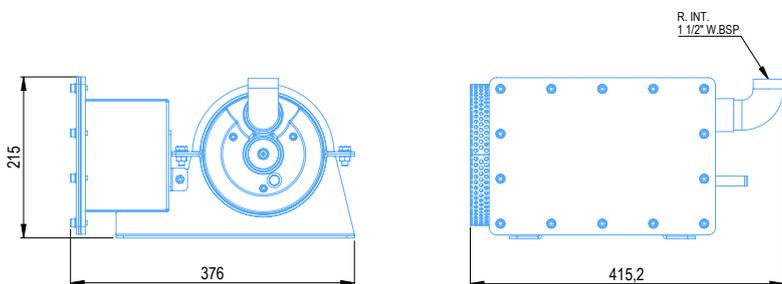
Code

DMX Pump L

67411



TECHNICAL FEATURES	
Pump	DMX PUMP L
Code	67411
Dimensions (L x W x H) [mm]	500 x 366 x 239
Nominal voltage [V]	220 - 240 VAC
Power [W]	720
Power rating [A]	3.7
Hydraulic connection	1-1/2" G
Minimum water depth [mm]	300
Maximum pressure [m]	11
Maximum flow [l/min]	320
Dynamic response 0-100% [s]	1
Starts per minute (max.)	6
Control system	DMX (1 channel)
Weight [kg]	23



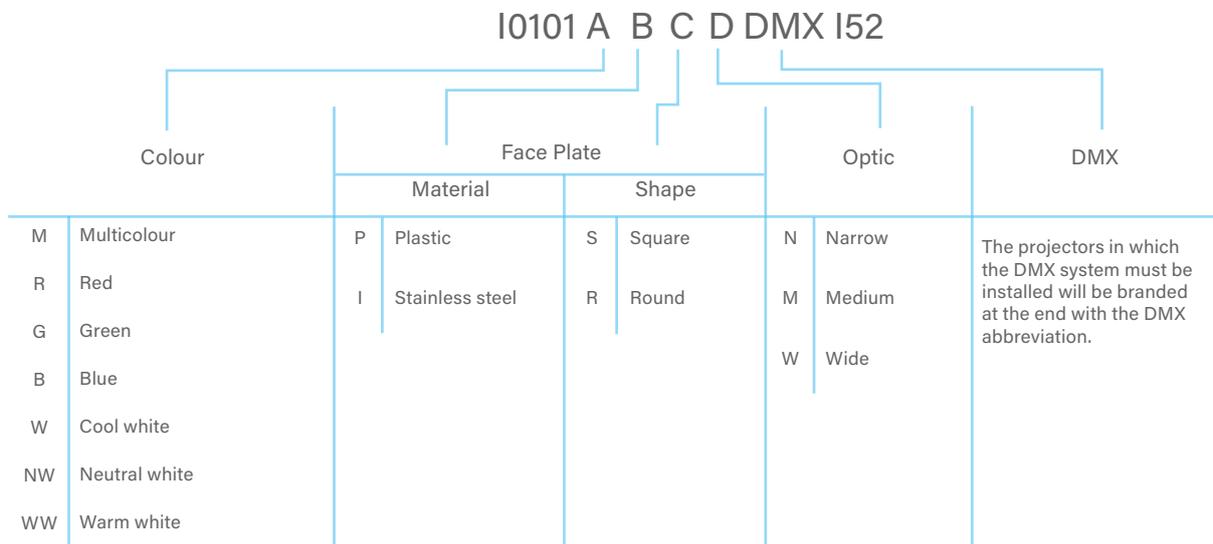
**ILLUMINATION**



# ONLED CODING

The coding which appears in more detail later refers to the lamps and projectors OnLED

A	Colour of LED emission	B	Material of the trim	DMX	Projectors for DMX system
C	Shape of face plate	D	Optic type		



Example: **I0102MPRI52**

STD projector for a concrete pool, multicolour, round plastic face plate, without optic.

**I0306WPRNI52**

Mini projector with quick coupling, white, round plastic face plate, narrow type optic.

Important: Always to include I52 at the end of the code

# IDENTIFICATION



Product recommended for:



## IP

### First figure

Level of protection against the ingress of solid objects

- 0 - No protection
- 1 - Protection from solid objects with a diameter greater than 50mm
- 2 - Protection from solid objects with a diameter greater than 12.5 mm
- 3 - Protection from solid objects with a diameter greater than 2.5 mm
- 4 - Protection from solid objects with a diameter greater than 1 mm
- 5 - Protected from dust
- 6 - Hermetic to dust

### Second figure

Level of protection against ingress of water

- 0 - No protection
- 1 - Dripping water
- 2 - Dripping water when tilted up to 15°
- 3 - Spraying water
- 4 - Splashing water
- 5 - Water jets
- 6 - Powerful water jets
- 7 - Protected from immersion effects
- 8 - Protection from prolonged immersion

## Class



**Class I** Luminaire in which the protection against electric shocks depends on the main insulation and an additional safety measure: earthing.



**Class II** Luminaire in which the protection against electric shocks depends on the main insulation and an additional safety measure: double or reinforced insulation.



**Class III** Luminaire in which the protection against electric shocks depends on feeding it with a low voltage power supply.



CE Marking

ILLUMINATION

# COMI LED (S)



Adjustable LED floodlight designed to illuminate jets and water effects in ornamental fountains. It is available in white light and RGBW with DMX control. A choice of 2 light patterns is available to maximise the performance of the projector: narrow and wide.

	Code
Comi Led (S) 4W	I0412
Comi Led (S) 8W	I0413

CODE	LIGHT	OPTIC
I0412	<b>W</b> Cool white	<b>N</b> Narrow (9°)
I0413	<b>MWDMX</b> Multicolour White DMX	<b>W</b> Wide (45°)

TYPE OF LIGHT
<b>White</b>
I0412W White
I0413W White
<b>DMX</b>
I0412MWDMX RGBW DMX
I0413MWDMX RGBW DMX

Consumption	I0412	I0413
Monocolour:	4W (4VA)	8W (8VA)
DMX:	4W (4VA)	8W (8VA)

Voltage	I0412	I0413
Monocolour:	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*

Lumens	I0412	I0413
Monocolour:	350 lm	700 lm
DMX:	250 lm	500 lm

Temp. colour	I0412	I0413
Monocolour:	5.700 K	5.700 K
DMX:	-	-

LRC>	I0412	I0413
Monocolour:	70	70
DMX:	-	-

Efficiency	I0412	I0413
Monocolour:	87,5 lm/W	87,5 lm/W
DMX:	62,5 lm/W	62,5 lm/W

Flow angle	I0412	I0413
Monocolour:	9°,45°	9°,45°
DMX:	9°,45°	9°,45°

Optic	I0412	I0413
Monocolour:	N,W	N,W
DMX:	N,W	N,W

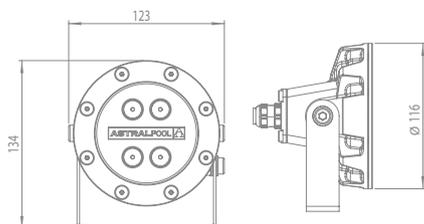
Thermal protection	I0412	I0413
Monocolour:	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation

Compatible control systems	I0412	I0413
Monocolour:	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100

Protection level
IP68

\* With DMX power supply I0832DMX / I0832DMXFE

TECHNICAL CHARACTERISTICS	
VOLTAGE	24V DC
(DMX models with power supply I0832DMXFE or I0832DMX)	
LIFETIME	L80-60.000h
MAX. TEMPERATURE WATER	40°C
CABLE	No cable
MATERIALS	
Body	Stainless steel
Trim	Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
Must always work in contact with water	



\*Dimensions in mm.



ILLUMINATION

# COMI LED (M)



Adjustable LED floodlight designed to illuminate jets and water effects in ornamental fountains. It is available in white light and RGBW with DMX control. A choice of 2 light patterns is available to maximise the performance of the projector: narrow and wide.

Code

Comi Led (M) 15W	I0414
Comi Led (M) 20W	I0415
Comi Led (M) 30W	I0416

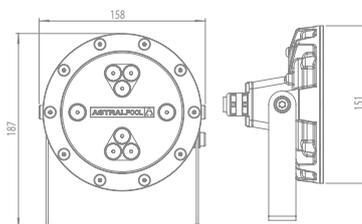
CODE	LIGHT	OPTIC
I0414	<b>W</b> Cool white	<b>N</b> Narrow Concentrated (9°)
I0415	<b>MWDMX</b> Multicolour White DMX	<b>W</b> Wide Open (45°)
I0416		

TYPE OF LIGHT

- White
- I0414W White
- I0415W White
- I0416W White
- DMX
- I0414MWDMX RGBW DMX
- I0415MWDMX RGBW DMX
- I0416MWDMX RGBW DMX

TECHNICAL CHARACTERISTICS

VOLTAGE	24V DC
(DMX models with power supply I0832DMXFE or I0832DMX)	
LIFETIME	L80-60.000h
MAX. TEMPERATURE WATER	40°C
CABLE	No cable
MATERIALS	
Body	Stainless steel
Trim	Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
<b>Must always work in contact with water</b>	



\*Dimensions in mm.



Consumption	I0414	I0415	I0416
Monocolour:	15W (15VA)	20W (20VA)	30W (30VA)
DMX:	15W (15VA)	20W (20VA)	30W (30VA)

Voltage	I0414	I0415	I0416
Monocolour:	24 V DC	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*	24 V DC*

Lumens	I0414	I0415	I0416
Monocolour:	1250 lm	1600 lm	2400 lm
DMX:	850 lm	1100 lm	1650 lm

Temp. colour	I0414	I0415	I0416
Monocolour:	5.700 K	5.700 K	5.700 K
DMX:	-	-	-

LRC>	I0414	I0415	I0416
Monocolour:	70	70	70
DMX:	-	-	-

Efficiency	I0414	I0415	I0416
Monocolour:	83,3 lm/W	80 lm/W	80 lm/W
DMX:	56,7 lm/W	55 lm/W	55 lm/W

Flow angle	I0414	I0415	I0416
Monocolour:	9°,45°	9°,45°	9°,45°
DMX:	9°,45°	9°,45°	9°,45°

Optic	I0414	I0415	I0416
Monocolour:	N,W	N,W	N,W
DMX:	N,W	N,W	N,W

Thermal protection	I0414	I0415	I0416
Monocolour:	Self-regulation	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation	Self-regulation

Compatible control systems	I0414	I0415	I0416
Monocolour:	ON/OFF	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100

Protection level	I0414	I0415	I0416
	IP68	IP68	IP68

\* With DMX power supply I0832DMX / I0832DMXFE



ILLUMINATION

# COMI LED (L)



Adjustable LED floodlight designed to illuminate jets and water effects in ornamental fountains. It is available in white light and RGBW with DMX control. A choice of 2 light patterns is available to maximise the performance of the projector: narrow and wide.

	Code
Comi Led (L) 45W	I0417
Comi Led (L) 60W	I0418

CODE	LIGHT	OPTIC
I0417	<b>W</b> Cool white	<b>N</b> Narrow Concentrated (9°)
I0418	<b>MWDMX</b> Multicolour White DMX	<b>W</b> Wide Open (45°)

TYPE OF LIGHT
<b>White</b>
I0417W White
I0418W White
<b>DMX</b>
I0417MWDMX RGBW DMX
I0418MWDMX RGBW DMX

Consumption	I0417	I0418
Monocolour:	45W (45VA)	60W (60VA)
DMX:	45W (45VA)	60W (60VA)

Voltage	I0417	I0418
Monocolour:	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*

Lumens	I0417	I0418
Monocolour:	3500 lm	4600 lm
DMX:	2500 lm	3200 lm

Temp. colour	I0417	I0418
Monocolour:	5.700 K	5.700 K
DMX:	-	-

LRC>	I0417	I0418
Monocolour:	70	70
DMX:	-	-

Efficiency	I0417	I0418
Monocolour:	77,8 lm/W	76,7 lm/W
DMX:	55,5 lm/W	53,3 lm/W

Flow angle	I0417	I0418
Monocolour:	9°,45°	9°,45°
DMX:	9°,45°	9°,45°

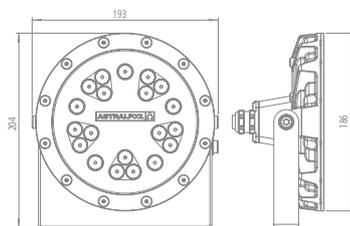
Optic	I0417	I0418
Monocolour:	N,W	N,W
DMX:	N,W	N,W

Thermal protection	I0417	I0418
Monocolour:	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation

Compatible control systems	I0417	I0418
Monocolour:	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100

Protection level
IP68

TECHNICAL CHARACTERISTICS	
VOLTAGE	24V DC
(DMX models with power supply I0832DMXFE or I0832DMX)	
LIFETIME	L80-60.000h
MAX. TEMPERATURE WATER	40°C
CABLE	No cable
MATERIALS	
Body	Stainless steel
Trim	Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
<b>Must always work in contact with water</b>	



\*Dimensions in mm.



\* With DMX power supply I0832DMX / I0832DMXFE

ILLUMINATION



# NIQ PROJECTOR

The NIQ is used for spas, wellness centres, stairs. It has the same function as the Mini projector but with smaller dimensions.



I1245



I1246

Code

NIQ Recessed Projector (PVC Niche)	I1245
NIQ Recessed Projector (Stainless Steel Niche)	I1287
Fitted NIQ adjustable Projector	I1246

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I1245	<b>W</b> Cool white	<b>M</b> Material	<b>N</b> Narrow	<b>DMX</b>	<b>I52</b>
I1246	<b>WW</b> Warm white	<b>P</b> Plastic	<b>M</b> Medium		
I1287	<b>M</b> Multicolour	<b>I</b> Stainless Steel	<b>W</b> Wide		
	<b>MDMX</b> Multicolour DMX	Shape			
		<b>S</b> Square			
		<b>R</b> Round			

**CONTROL**

- Multicolour**
- I0826I52** Modulator
- I0828I52** Remote control
- I0831I52** Push-button
- DMX
- I0832DMXI52** DMX power supply
- I0832DMXFEI52** DMX external power supply

**Consumption**

- Monocolour: 4W (6VA)
- Multicolour: 4W (7VA)
- MDMX: 4W (4VA)

**Voltage**

- Monocolour: 12 Vac
- Multicolour: 12 Vac
- MDMX: 24 Vdc

**Lumens**

- Monocolour: 315 lm
- Multicolour: 186 lm
- MDMX: 186 lm

**Efficiency**

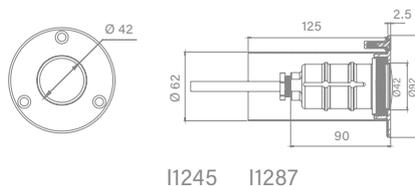
- Monocolour: 78.7 lm/W
- Multicolour: 46.5 lm/W
- MDMX: 46.5 lm/W

**Life Span**

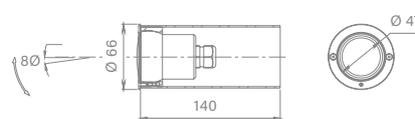
- L80 - 60.000h

**Protection level**

IP68



I1245 I1287



I1246



ILLUMINATION



# NANO PROJECTOR



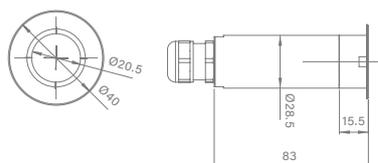
Despite its small dimensions, this wall fitting has considerable light output. Ideal for lighting jets up to 2 meters high in ornamental fountains or it can be used underwater indoors and outdoors where small dimensions are required.

Made of AISI 316 stainless steel with protection degree IP68.

Code

Nano Projector Ø40	I1234
Nano Projector with joints	I1239
Nano Projector 1"	I1247
Nano Projector Ø70	I1252
Nano Projector Ø80	I1254

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I1234	<b>W</b> Cool white	<b>M</b> Material	<b>N</b> Narrow	<b>DMX</b>	<b>I52</b>
I1252	<b>WW</b> Warm white	<b>P</b> Plastic	<b>M</b> Medium		
I1254	<b>M</b> Multicolour	<b>I</b> Stainless Steel	<b>W</b> Wide		
I1239	<b>MDMX</b> Multicolour DMX	Shape			
I1247		<b>S</b> Square			
		<b>R</b> Round			



I1234

CONTROL

- I0828I52 Remote control
- I0826I52 Modulator
- I0831I52 Push-button
- I0832DMXI52 DMX power supply
- I0832DMXFEI52 DMX external power supply

Consumption

Monocolour: 3W (4VA)  
 Multicolour: 4W (4VA)  
 DMX: 3W (3VA)

Voltage

Monocolour: 12 Vac  
 Multicolour: 12 Vac  
 DMX: 24 Vdc

Lumens

Monocolour: 250 lm  
 Multicolour: 150 lm  
 DMX: 150 lm

Efficiency

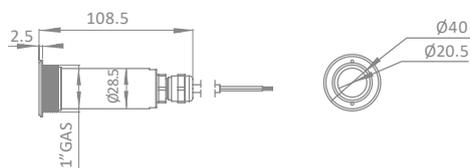
Monocolour: 83.3 lm/W  
 Multicolour: 50 lm/W  
 DMX: 50 lm/W

Life Span

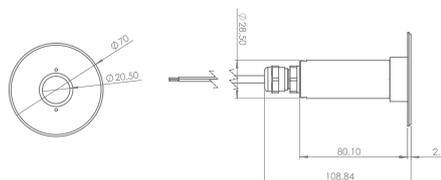
L80 - 50.000h

Protection level

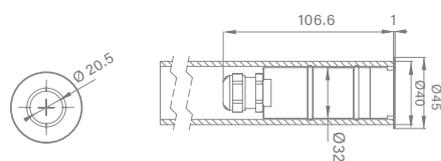
IP68



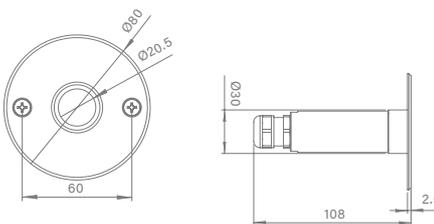
I1239



I1252



I1247



I1254



ILLUMINATION



# MINI / MINI + PROJECTOR



I0406 I0411

This spotlight is especially designed for fountains, gardens and decorative aquatic installations. It can be installed indiscriminately submerged or outside the water.

It is supplied with screws and studs for fitting.

Possibility of narrow, medium or wide lens.

Code

Directional projector Mini	I0406
Directional projector Mini+	I0411

CODE	LIGHT	FACE PLATE	OPTIC	OPTION
I0406	<b>W</b> Cool white	Material	<b>N</b> Narrow	<b>DMX</b>
I0411	<b>WW</b> Warm white	<b>P</b> Plastic	<b>M</b> Medium	
	<b>M</b> Multicolour	<b>I</b> Stainless Steel	<b>W</b> Wide	
	<b>MDMX</b> Multicolour DMX	Shape		
	<b>MWDMX</b> Multicolour White DMX	<b>S</b> Square		
		<b>R</b> Round		

CONTROL

- Multicolour | Multicolor**
- I0826** Modulator
- I0828** Remote control
- I0831** Push-button
- DMX**
- I0832DMX** DMX power supply
- I0832DMXFE** DMX external power supply

Consumption

	Mini	Mini+
Monocolour:	4W (6VA)	6W (6VA)
Multicolour:	4W (7VA)	6W (6VA)
MDMX:	4W (7VA)	6W (6VA)
MWDMX:	5W (5VA)	8W (8VA)

Voltage

	Mini	Mini+
Monocolour:	12 Vac	12 Vac
Multicolour:	12 Vac	12 Vac
MDMX:	24 Vac	24 Vac
MWDMX:	24 Vac	24 Vac

Lumens

	Mini	Mini+
Monocolour:	315 lm	550 lm
Multicolour:	186 lm	250 lm
MDMX:	186 lm	250 lm
MWDMX:	300 lm	430 lm

Efficiency

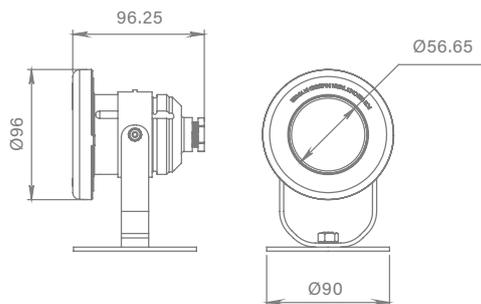
	Mini	Mini+
Monocolour:	78.7 lm/W	91.66 lm/W
Multicolour:	46.5 lm/W	55 lm/W
MDMX:	46.5 lm/W	55 lm/W
MWDMX:	60 lm/W	53.75 lm/W

Life Span

L80 - 50.000h

Protection level

IP68



I0406 I0411



ILLUMINATION



# CIRCULAR Ø200



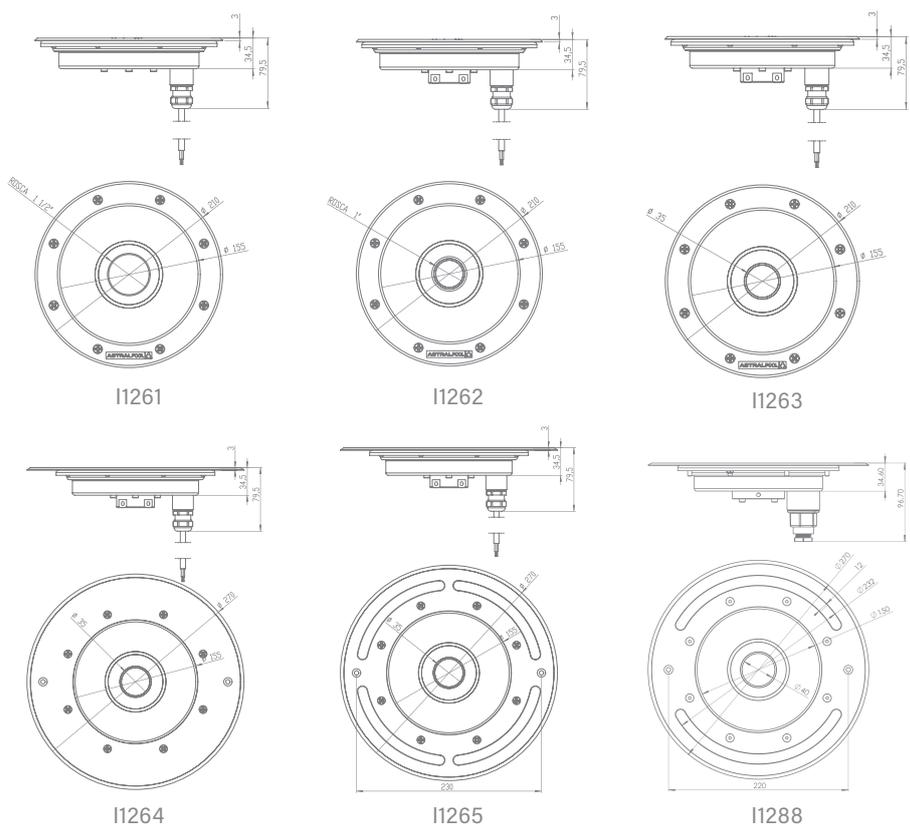
Projector designed for fitting directly to the jets of ornamental fountains, thus ensuring that they are properly illuminated and emit an even source of light. Has a stainless steel finish.

Possibility of intensive, intermediate or extensive lens.

Code

Circular Ø200 1" ½ Thread	I1261
Circular Ø200 1" Thread	I1262
Circular Ø200 No Thread	I1263
Circular Ø200 Flat mounting	I1264
Circular Ø200 Dry Fountain	I1265
Circular Ø200 Dry Fountain Ø40mm	I1288

CONTROL	CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I0828I52 Remote control	I1261	W Cool white	N Narrow	DMX	I52
I0826I52 Modulator	I1262	WW Warm white (Upon Request)	M Medium		
I0831I52 Push-button	I1263	MWDMX Multicolour White DMX	W Wide		
I0832DMXI52 DMX power supply	I1264				
I0832DMXFEI52 DMX external power supply	I1265				
	I1288				



Consumption

Monocolour: 16W  
MWDMX: 16W

Voltage

24Vdc

Lumens

Monocolour: 1.450 lm  
MWDMX: 1.000 lm

Efficiency

Monocolour: 91 lm/W  
MWDMX: 62.5 lm/W

Colour

16.000.000

Life Span

L80 - 50.000h

Protection level

IP68



ILLUMINATION



# CIRCULAR Ø300 - Ø350

A large projector with high luminous performance for fitting directly to the jets of ornamental fountains of up to 1 1/2" and 3" respectively. Made of stainless steel.



Code

Circular Ø300	I1255
Circular Ø350	I1291

CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I1255	<b>W</b> Cool white	<b>N</b> Narrow	<b>DMX</b>	<b>I52</b>
I1291	<b>WW</b> Warm white (Upon Request)	<b>M</b> Medium		
	<b>MWDMX</b> Multicolour White DMX	<b>W</b> Wide		

CONTROL

- I0828I52 Remote control
- I0826I52 Modulator
- I0831I52 Push-button
- I0832DMXI52 DMX power supply
- I0832DMXFEI52 DMX external power supply

Consumption

Monocolour: 80W  
MWDMX: 80W

Voltage

24Vdc

Lumens

Monocolour: 7.200 lm  
MWDMX: 4.100 lm

Efficiency

Monocolour: 90 lm/W  
MWDMX: 51 lm/W

Colour

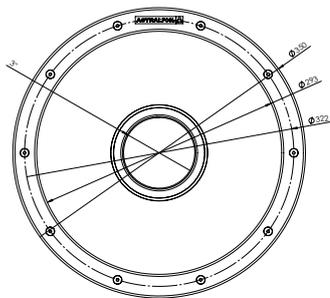
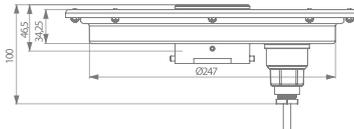
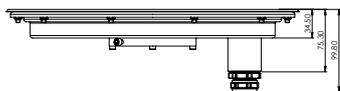
16.000.000

Life Span

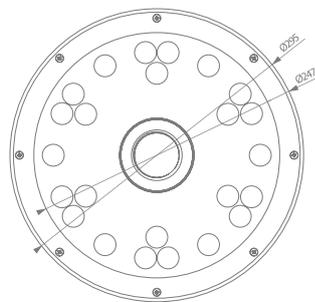
L80 - 50.000h

Protection level

IP68



I1291



I1255



ILLUMINATION

# HALOSPOT PROJECTOR



High-resistance projector, made with stainless steel. It is ideal for ornamental fountains and water jets. It should be installed completely submerged in water. It is provided with screws and studs for fitting. Possibility of intensive, intermediate or extensive lens.

	Code
Halospot Projector	I0403

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
<b>I0403</b>	<b>W</b> Cool white	<b>Material</b>	<b>N</b> Narrow	<b>DMX</b>	<b>I52</b>
	<b>WW</b> Warm white (Upon Request)	<b>P</b> Plastic	<b>M</b> Medium		
	<b>M</b> Multicolour	<b>I</b> Stainless Steel	<b>W</b> Wide		
	<b>MWDMX</b> Multicolour White DMX	<b>Shape</b>			
		<b>S</b> Square			
		<b>R</b> Round			

**CONTROL**

- I0828I52** Remote control
- I0826I52** Modulator
- I0831I52** Push-button
- I0832DMXI52** DMX power supply
- I0832DMXFEI52** DMX external power supply

**Consumption**

- Monocolour: 16W (23VA)
- Multicolour: 22W (31VA)
- MWDMX: 30W (30VA)

**Voltage**

- Monocolour: 12 Vac
- Multicolour: 12 Vac
- MWDMX: 24 Vdc

**Lumens**

- Monocolour: 1.450 lm
- Multicolour: 1.100 lm
- MWDMX: 1.750 lm

**Efficiency**

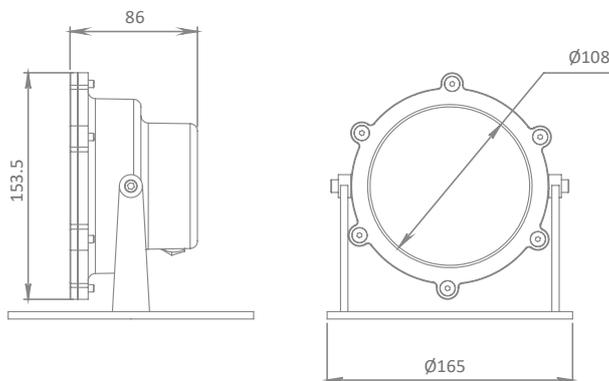
- Monocolour: 91 lm/W
- Multicolour: 50 lm/W
- MWDMX: 58.33 lm/W

**Life Span**

- L80 - 50.000h

**Protection level**

IP68



I1255



ILLUMINATION



# KIBELE PROJECTOR



A large projector with high luminous performance. Made of stainless steel. Ideal for installation in ornamental fountains with jets with high flow rates.

Possibility of intensive, intermediate or extensive lens.

It is supplied with screws and wall plugs.

Code

Kibele projector I0407

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I0407	<b>W</b> Cool white	Material	<b>N</b> Narrow	<b>DMX</b>	<b>I52</b>
	<b>WW</b> Warm white (Upon Request)	<b>P</b> Plastic	<b>M</b> Medium		
	<b>M</b> Multicolour	<b>I</b> Stainless Steel	<b>W</b> Wide		
	<b>MWDMX</b> Multicolour White DMX	Shape	<b>MW</b> Multicolour		
		<b>S</b> Square	<b>M+W</b>		
		<b>R</b> Round			

CONTROL

- I0828I52 Remote control
- I0826I52 Modulator
- I0831I52 Push-button
- I0832DMXI52 DMX power supply
- I0832DMXFEI52 DMX external power supply

Consumption

- Monocolour: 58W (60VA)
- Multicolour: 48W (64VA)
- MWDMX: 60W (60VA)

Voltage

- Monocolour: 12 Vac
- Multicolour: 12 Vac
- MWDMX: 24 Vdc

Lumens

- Monocolour: 4.320 lm
- Multicolour: 2.544 lm
- MWDMX: 3.100 lm

Efficiency

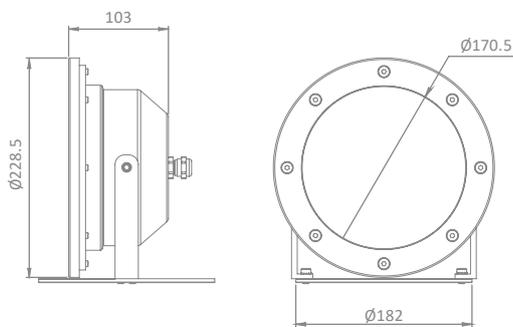
- Monocolour: 74.4 lm/W
- Multicolour: 53 lm/W
- MWDMX: 56 lm/W

Life Span

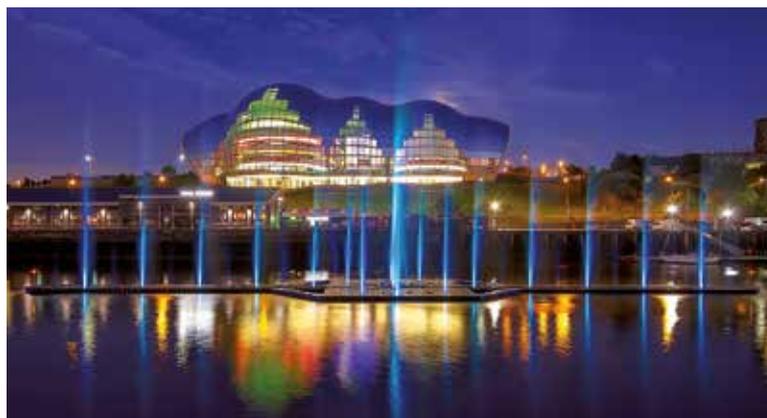
- L80 - 50.000h

Protection level

IP68



I0407



ILLUMINATION



# ADJUSTABLE LINEAR PROJECTOR

Adjustable 13 W linear projector for both indoor and outdoor areas. Made from aluminum and white DMX, this multicolor projector is perfect for wall washing.

Dimensions

Code

**Adjustable linear projector**

25 cm	I1279
50 cm	I1280
100 cm	I1281

CODE	LIGHT	FACE PLATE	OPTIC	ASTRALPOOL
I1279	<b>W</b> Cool white	Material	<b>N</b> Narrow	<b>I52</b>
I1280	<b>WW</b> Warm white	<b>P</b> Plastic	<b>M</b> Medium	
I1281	<b>MWDMX</b> Multicolour White DMX	<b>I</b> Stainless Steel	<b>W</b> Wide	
		Shape		
		<b>S</b> Square		
		<b>R</b> Round		

**CONTROL**

- Multicolour
- I0826** Modulator
- I0828** Remote control
- I0831** Push-button
- DMX**
- I0832DMX** DMX power supply
- I0832DMXFE** DMX external power supply

**Consumption**

- 1279: 13W
- 1280: 26W
- 1281: 52W

**Voltage**

24 Vdc

**Lumens**

- 1279: 900 lm
- 1280: 1,800 lm
- 1281: 3,600 lm

**Efficiency**

69.23 lm/W

**Life Span**

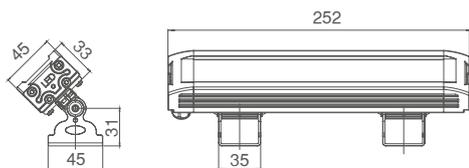
L80 - 60,000h

**Protection level**

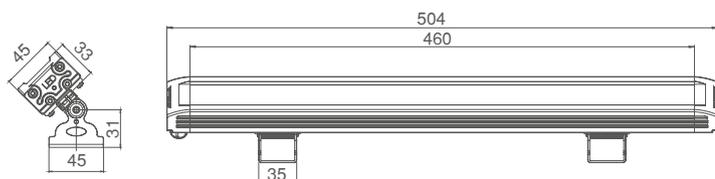
IP65



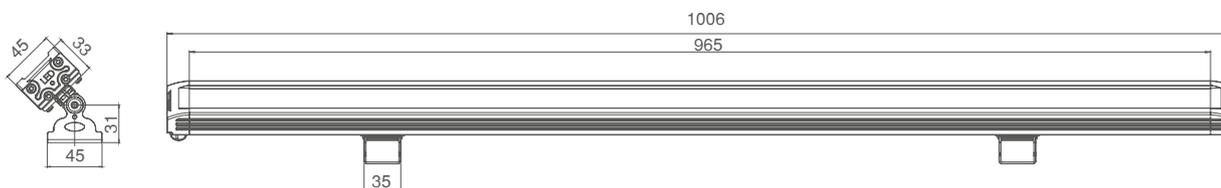
I1279



I1280



I1281



ILLUMINATION



## DMX DRIVER POWER SUPPLY

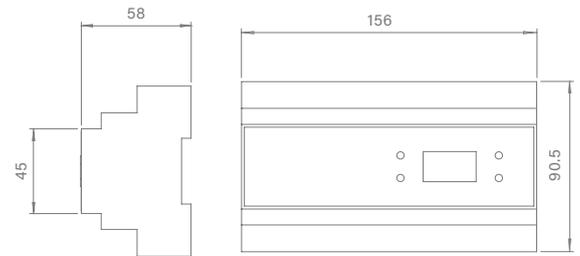


This power pack can handle up to 9 projectors separately (27 DMX channels) or grouped together (3 DMX channels). It can be directly plugged into a 230 V AC power supply. Internal 60 W power adapter included.

Code

DMX Driver Onled Power Supply

I0832DMXI52



## DMX DRIVER ONLED EXTERNAL POWER SUPPLY

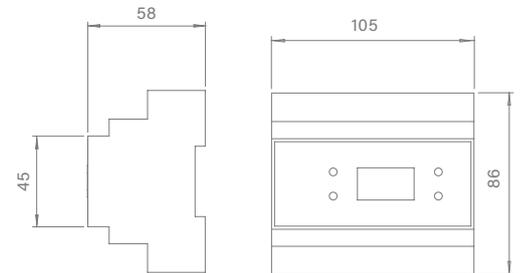


The power supply can supply up to 9 projectors individually (27 DMX channels) or together (3 DMX channels). It is connected directly to 230V AC. External power supply required. Maximum Power 400 VA per unit.

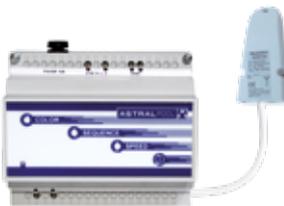
Code

DMX Driver Onled External Power Supply

I0832DMXFEI52



## ONLED MODULATOR



Total OnLED System, with which the switching on and off of the lamp can be controlled, changes color and programme and timers to switch off.

Dimensions  
(L x W x H) [mm]

Nominal voltage [VAC]

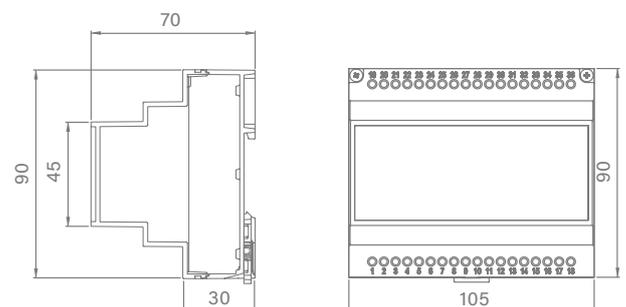
Code

ONLED Modulator

I0826I52

ONLED Modulator 1-110V

I0827I52



ILLUMINATION

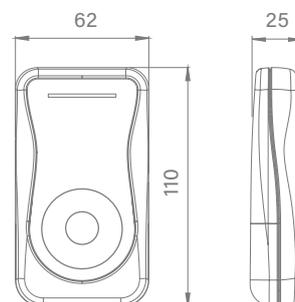
## ONLED REMOTE CONTROL



System that complements the Total OnLED system, of the Modulator.

With it you will be able to control the following actions:

- Switching the lamps on and off
- Changing color
- Changing color sequence
- Speed of color sequence
- Switching off function (sleep)



	Code
ONLED Remote control	I0828I52

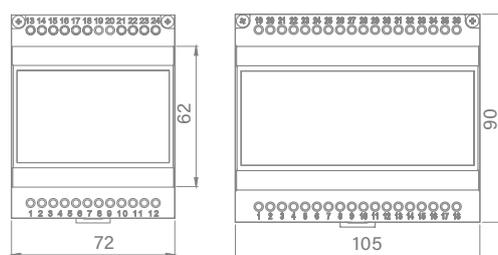
## ONLED WIFI ACCESS POINT



The OnLED WiFi Access Point installed next to the modulator enables broadband connections to be made with smartphone and tablet devices.

By downloading the OnLED App onto your smartphone or tablet (using an Android or iOS system), you will be able to control your OnLED lamps and projectors.

	Code
ONLED WIFI ACCESS POINT	I0876I52
ONLED MODULATOR + ONLED WIFI ACCESS POINT 230V	I0877I52
ONLED MODULATOR + ONLED WIFI ACCESS POINT 120V	I0878I52



## ONLED WIFI APP



Application for controlling any OnLED lamp or projector from smart phones/tablets using an Android or iOS system (iPhone/iPad).

By free downloading the OnLED onto your smartphone or tablet, you will be able to change the colors, sequences, speed, and time you wish to switch off your OnLED lamps and projectors.

Available on:



## ONDMX TOUCHSCREEN



The OnLED WiFi Access Point installed next to the modulator enables broadband connections to be made with smartphone and tablet devices.

By downloading the OnLED App onto your smartphone or tablet (using an Android or iOS system), you will be able to control your OnLED lamps and projectors.

- DMX stand alone controller.
- Compatible with any DMX fixture or DMX LED driver.
- Ready-to-use (pre-loaded with 8 scenes and 170 RGB fixtures).
- Sleek, black glass design which sits 11mm from the wall.
- Color palette (can also be used for scene selection).
- 12 touch-sensitive buttons. No mechanical parts.
- Touch-sensitive wheel allows for accurate color selection.
- Built-in flash memory for storing programs.
- Up to 36 dynamic or static scenes.
- 1024 DMX channels. Control 340 RGB fixtures.
- Clock and calendar with Sunrise/Sunset triggering.
- Wi-Fi network communication. Control lighting remotely.
- USB connectivity for programming and control.
- 8 dry contact trigger ports.
- OEM customization of the color palette and logo.
- Windows/Mac software to set dynamic colors/effects.

	Code
OnDMX Touchscreen	I0905

### Optional Accessories

RJ45 to connector block converter for POWER+DMX socket ACDC power supply	RJ2BLOCK POWER4M
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TECHNICAL FEATURES	
	ONDMX TOUCHSCREEN
Code	I0905
Input Power	5-10 DC 0.6A
Output protocol	DMX512 (x2)
Programmability	PC, Mac
Available Colors	Black
Connections	USB, 8 dry contact ports, open drain output (for relay)
Memory	In-built flash
Temperature Battery	-10°C - 45°C LIR2032
Mounting	Single or double-gang wall socket
Dimensions	146 x 106 x 11 mm
Weight	200g
Standards	EC, EMC, ROHS

ILLUMINATION



# ONDMX TOUCHSCREEN PRO



The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, whilst maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette.

The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software..

- Sleek glass design which sits 11mm from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps

Code

OnDMX Touchscreen Pro	I0906
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**Optional Accessories**

RJ45 to connector block converter for POWER+DMX socket	RJ2BLOCK
ACDC power supply	POWER4M

TECHNICAL FEATURES	
	ONDMX TOUCHSCREEN
Code	I0906
Output protocol	DMX512 (x2)
Programmability	PC, Mac, Tablet, Smartphone
Available Colors	Black / White
Connections	USB, Ethernet, RS232, Clock, 8 dry contact ports, 5v Output Relay
Memory	microSD (32Gb Max)
Temperature Battery	-10°C - 45°C
Mounting	Single or double-gang wall socket
Dimensions	146 x 106 x 11 mm
Weight	247g
Standards	EC, EMC, ROHS, ETL

ILLUMINATION

POWER SUPPLY



Power supply by LED technology products, especially designed for use in aquatic installations like pools or fountains.

	Code
Power supply 24VDC 120W	10898
Power supply 24VDC 240W	10899
Power supply 24VDC 480W	10847
Power supply 24VDC 960W	10908

SAFETY TRANSFORMERS



Single-phase Safety Transformers, especially designed for use in aquatic installations like pools or fountains. With the protection degree IP20 or more, primary of 230V AC and secondary of 12-13-14V AC.

	Code
Safety transformer IP20 350 VA	10820
Safety transformer IP20 130 VA	10821
Safety transformer IP65 350 VA	10822
Safety transformer IP20 700 VA	10823

ILLUMINATION

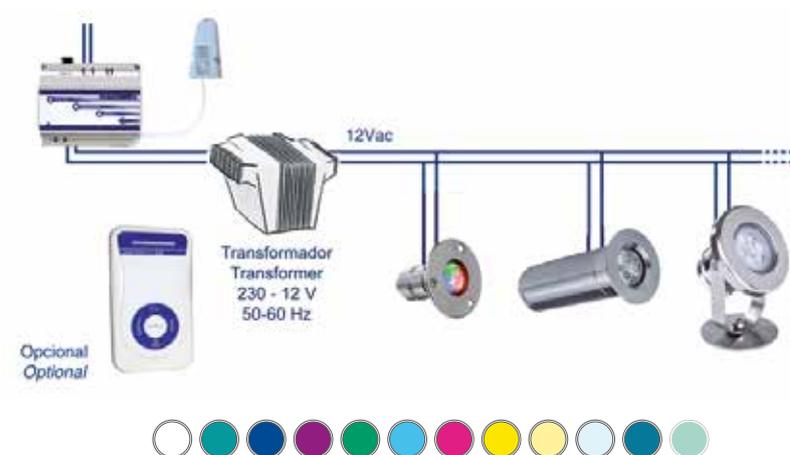
## BASIC ONLED

Electric diagram that is obtained through a Pushbutton (n/c) + Safety transformer. The size of the transformer depends on the number of spotlights that are installed and their consumption. For example, if it has to power 5 24W spotlights, the transformer should be 125W. An input of 12V AC must reach the lamp. With every click, it changes colour or program, offers a range of 7 colours, as well as 7 colour changing programs.



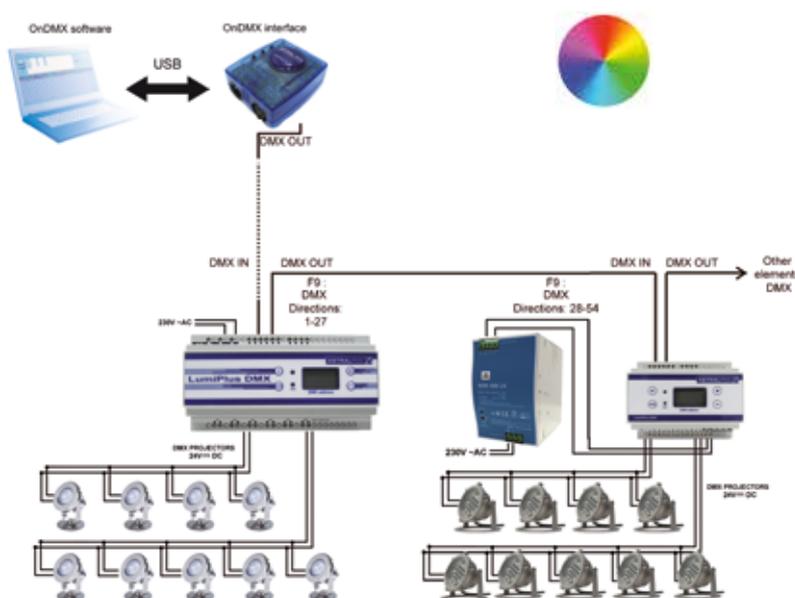
## TOTAL ONLED

El Outline based on the OnLED Modulator, for increasing the number of colours and sequences of the spotlights. With it, it is possible to turn the spotlight on and off, change 12 colours and 8 sequences and control the speed of the sequences and the power off timer. The Modulator also has an antennae with that can reach up to 50m. with which it can be synchronized with the OnLED Remote Control (I0828I52). The Modulator should be installed before the safety transformer and is connected to VAC through two terminals indicated as RED and is connected to the transformer primary through two terminals indicated with TRF. It is recommended to install the Modulator ensuring it is protected from corrosive environments.



## ON DMX

Those that want total control of the lighting can use the spotlights with DMX adaptation and OnDMX Control, and then they can independently control all the spotlights, and obtain more than 16.000.000 colours and infinite sequences. Each driver handles 27 DMX channels.



ILLUMINATION



# V:NANO



Made even for the roughest environments, the V:Nano represents Synchronorm's smart solution for smaller and more intimate fountain show installations. The V:Nano 512 or 1024 "music" show controller is a DIN-rail fan-less & ruggedized embedded system with a highly efficient low power CPU chipset.

The V:Nano can withstand wider temperature ranges while featuring DMX 512/1990 ports, an isolated Ethernet port with 10/100 Mbit, a micro SD card slot and a 2x16 LCD segment-display.

A perfect match for smaller stand-alone fountains as well as musical fountain installations, both feature 8x digital I/O's.

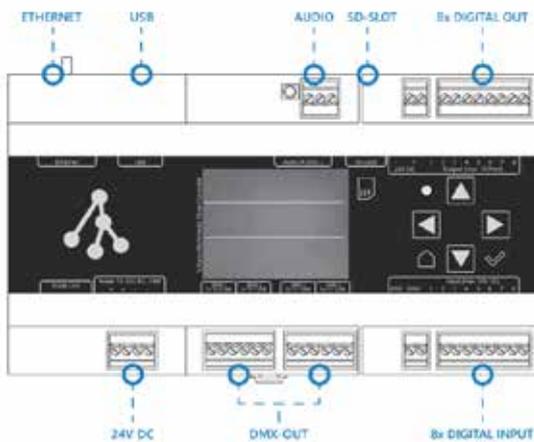
The V:Nano is fully compatible with our fountain control system Dependence. Easily enhance your workflow by uploading shows via SD card or your local network.

Key Features:

- DIN-Rail Mounting
- Scheduler
- Full RDM Support
- Sensor Connectivity
- Remote Control
- V:Nano Scripting
- SD-Card Memory
- Music Playback

Code

V:Nano 512	75896
V:Nano 1024 Music	75936



TECHNICAL FEATURES

	V:NANO 512	V:NANO 1024 MUSIC
Code	75896	75936
Dimensions	160x90x85 mm DIN Rail	
Weight	0.33 kg	
Protection Class	IP 20	
Power Supply	15..24V DC / 8W	
Operation Temperature	0..40° / 0..80% humidity	
Certification	CE	
Outputs	1x DMX-RDm 512ch	2x DMX-RDM 1024ch
	-	3.5mm Audio
	8x Digital Output (24V DC, max 1A)	
Inputs	8x Digital Input (max 30V DC)*	
Audio Playback	No	Yes
Memory	microSD Card	

ILLUMINATION



# V:SERVER3 TOUCH

Next to Depence<sup>2</sup>, our brand-new software system, we also have redesigned our top-level standalone show controller, the V:Server.

Alongside a new 19 inch rack aluminium case it now features a touch screen interface on the front-panel next to a multicolor LED Logo.

The V:Server3-Touch also comes with integrated optical isolated digital and analog I/Os to directly connect sensors and triggers.

The new node-based logic system of Depence<sup>2</sup> offers you maximum flexibility for any kind of interactive installation. Pre-existing Depence projects are still fully compatible as well.

The V:Server3-Touch will support projects created in former versions of Depence further on. With high performance and most stable connectivity, the V:Server still remains the perfect choice for running multimedia shows, while offering full ArtNet & RDM support as well as timecode features, and much more.

Key Features:

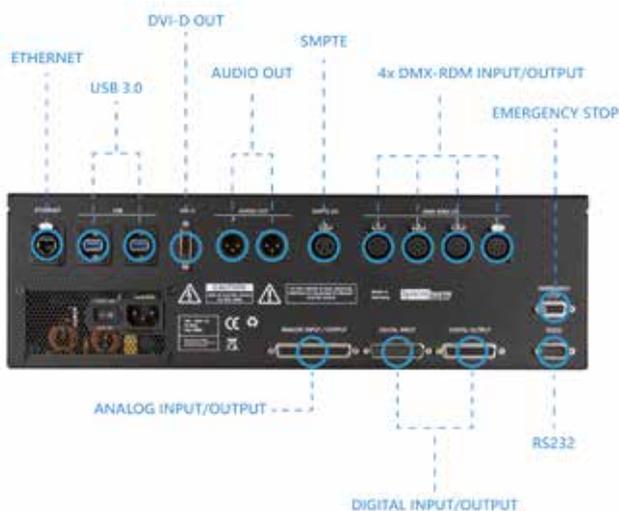
- BMI – Logic Automation
- Scheduler
- Touch-optimized HMI/Live Panel
- Timecode I/O
- DMX-RDM Support
- ArtNET RDM Support
- Sensor Connectivity
- Remote Access
- Music Playback

Code

Sn-Spvsu8t: V:Server V3 Touch U8. Standalone Showserver With Up To 8 DMX Universes	73023
Sn-Spvsu16t: V:Server V3 Touch U16. Standalone Showserver Up To 16 DMX Universes	72746
Sn-Spvsu48t: V:Server V3 Touch U48. Standalone Showserver Up To 48 DMX Universes	76708

TECHNICAL FEATURES

V:SERVER3-TOUCH



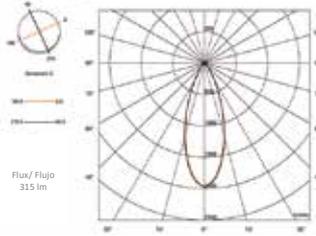
	V:SERVER3-TOUCH
Code	-
Dimensions	19" 3HE 330mm depth
Weight	8.5kg
Protection Class	IP 20
Power Supply	110 / 230V @ 50Hz
Operation Temperature	0..40° / 0..80% humidity
Certification	CE
Connectors	4x DMX RDM XML-5 Pin, 1x RJ45 Ethernet, 2x XLR 3-Pin Symmetric Audio, 1x DVI-Out, 1x SMPTE XLR 3-Pin, 1x RS232, 3x USB 2.0, 1x Emergency Stop, 8x Digital Input, 8x Digital Output, 12x Analog I/O
Memory	120 GB solid state hard drive

ILLUMINATION

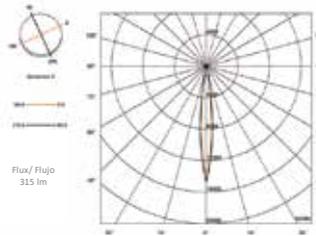


# NIQ PROJECTOR

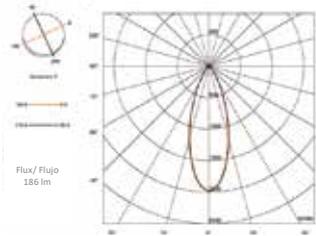
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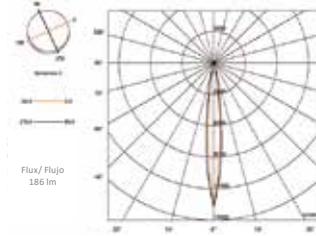
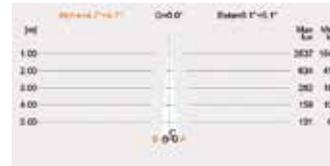
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NIQ  
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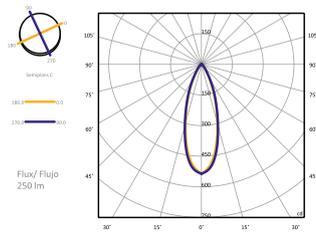
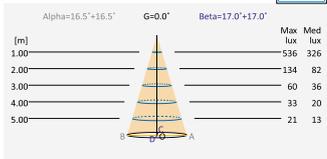
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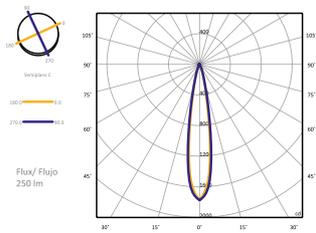
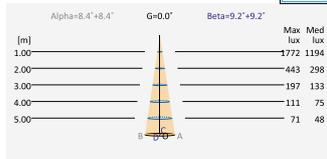
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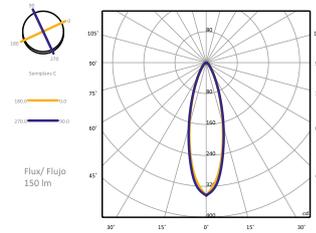
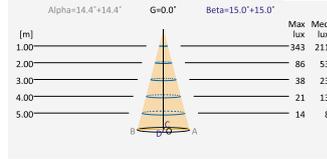
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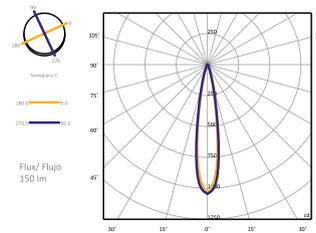
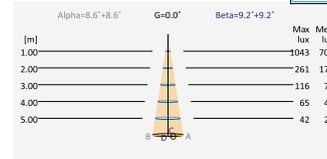
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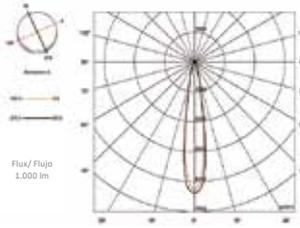
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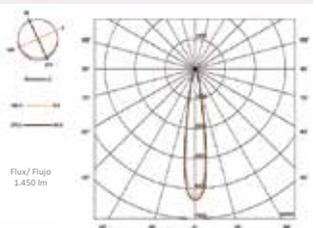
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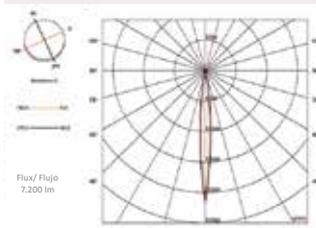
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MWDMM



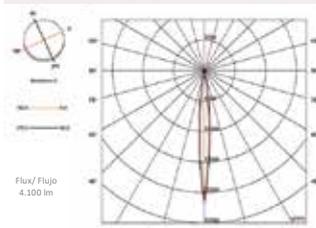
Circular Ø200  
Monocolour



Circular Ø300  
Monocolour



Circular Ø300  
MWDMM

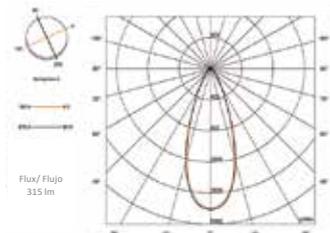


ILLUMINATION

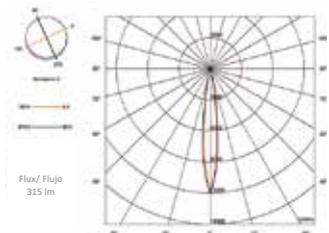
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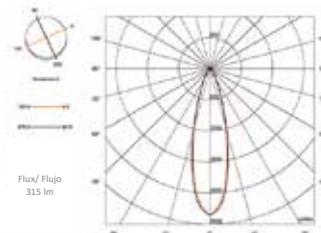
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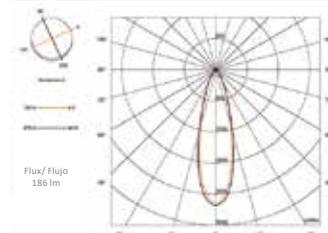
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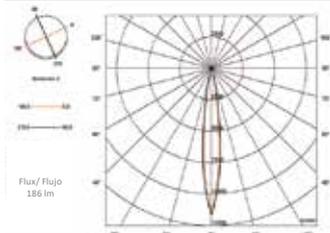
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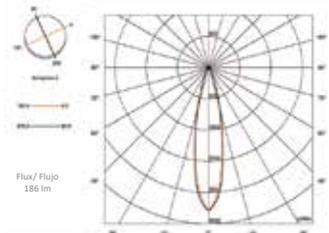
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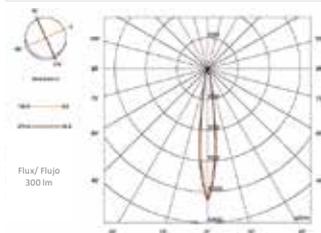
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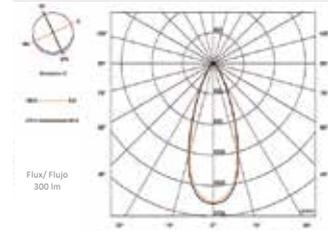
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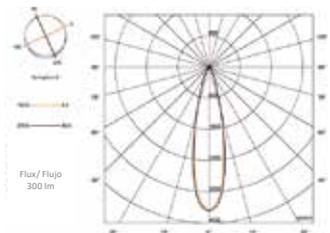
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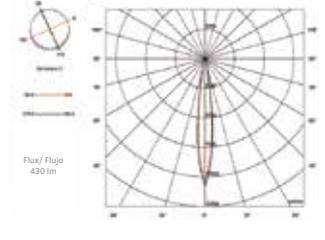
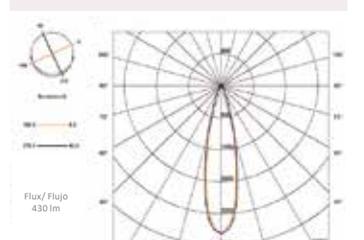
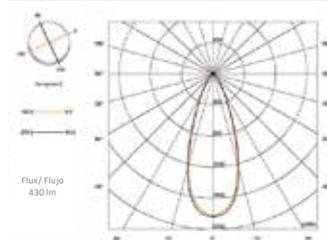
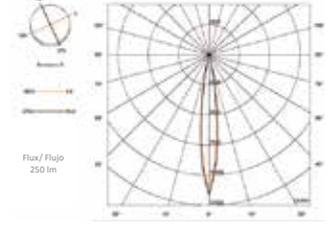
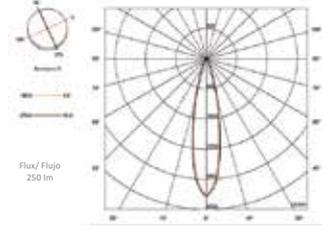
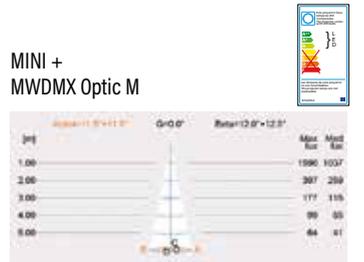
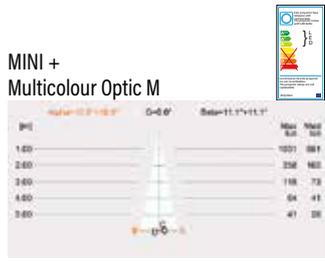
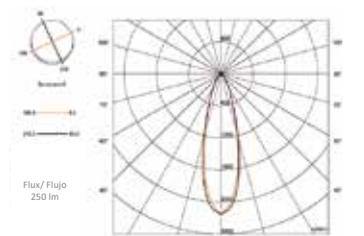
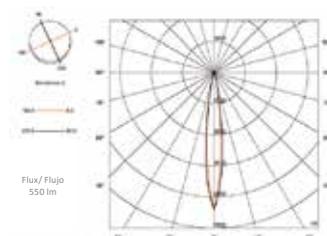
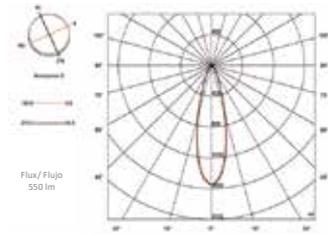
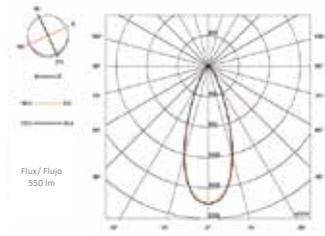
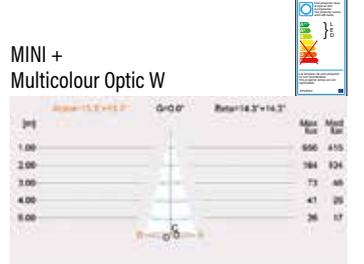
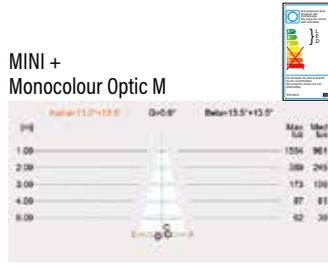
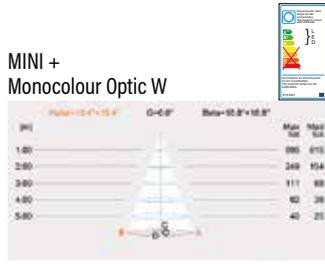
MINI MWDMX Optic M



ILLUMINATION



MINI+ PROJECTOR

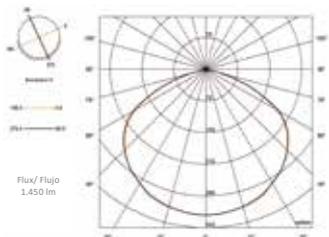


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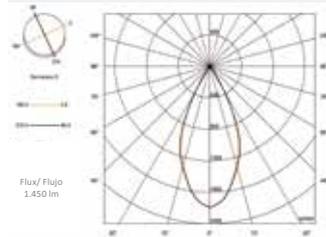
HALOSPOT PROJECTOR



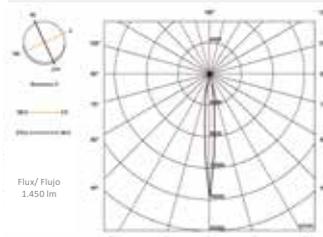
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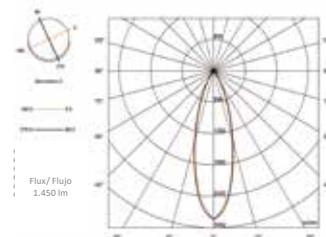
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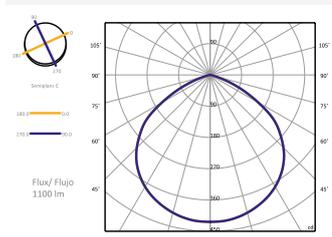
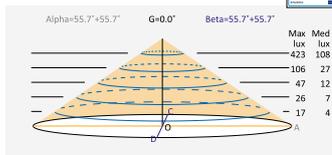
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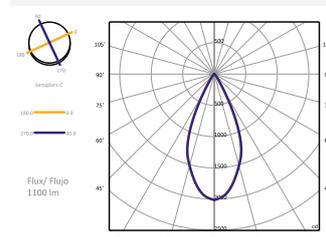
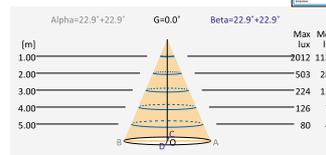
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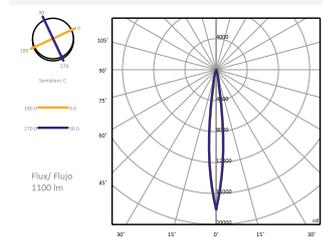
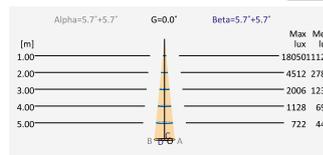
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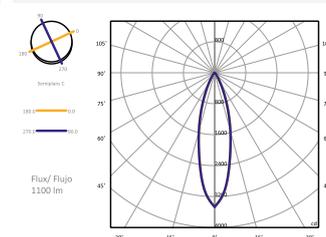
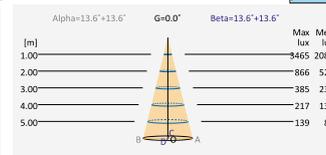
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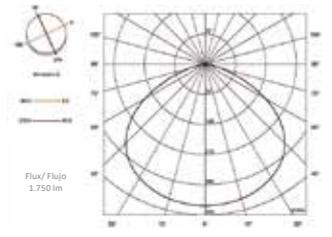
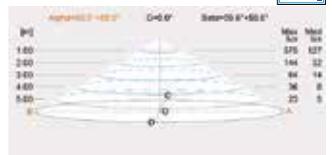
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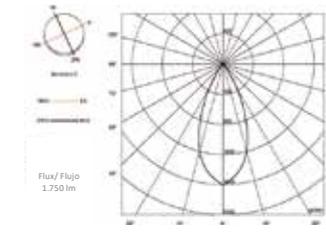
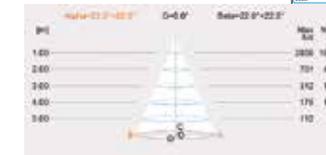
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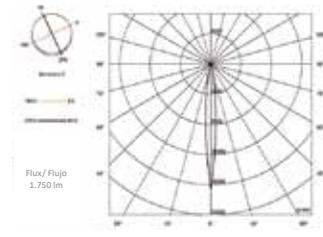
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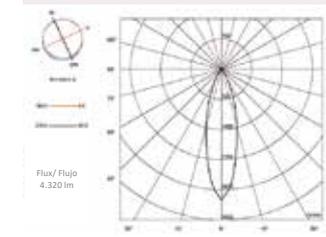
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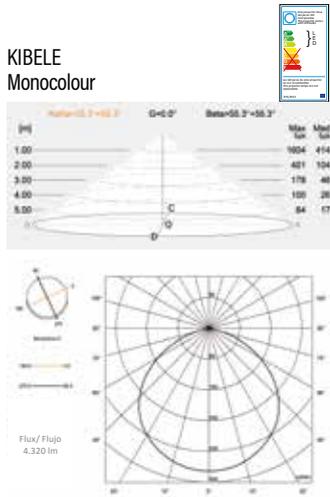


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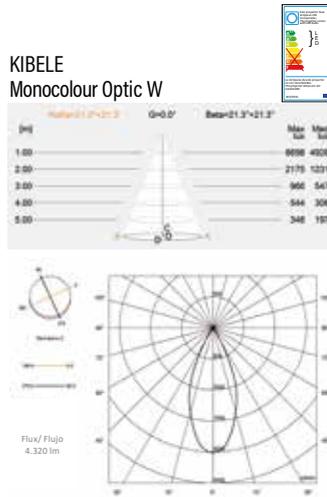


# KIBELE PROJECTOR

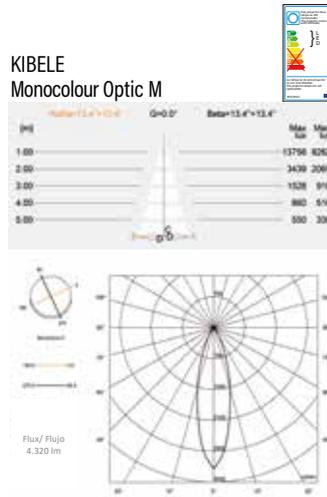
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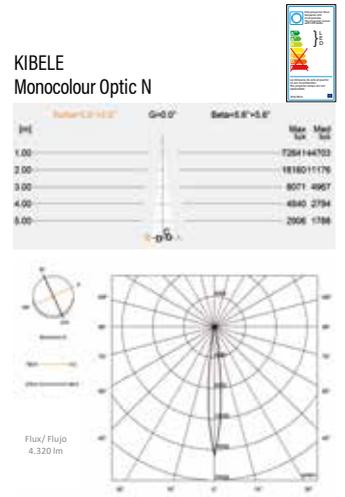
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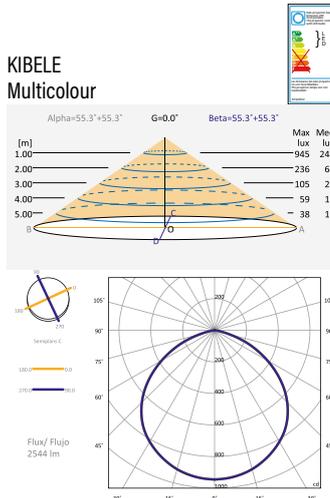
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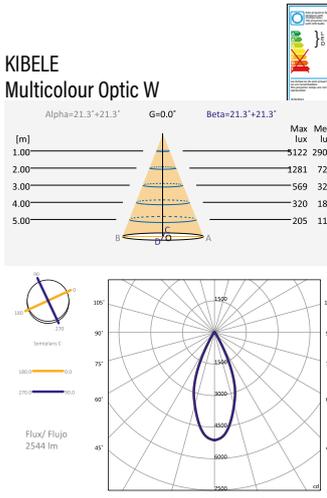
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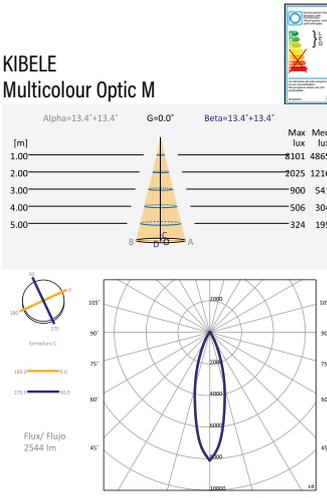
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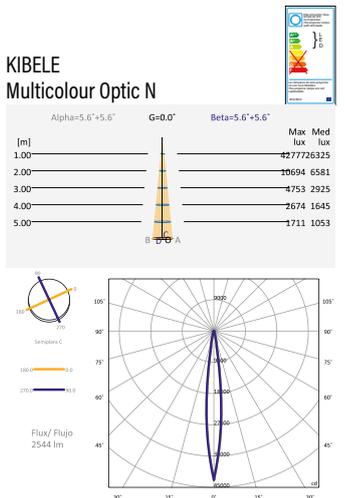
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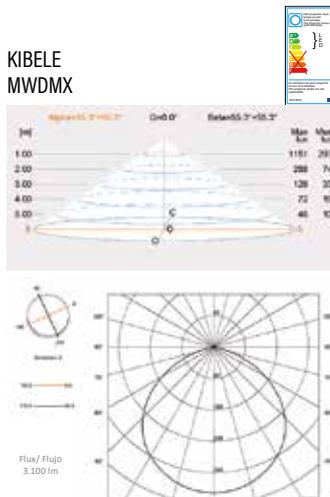
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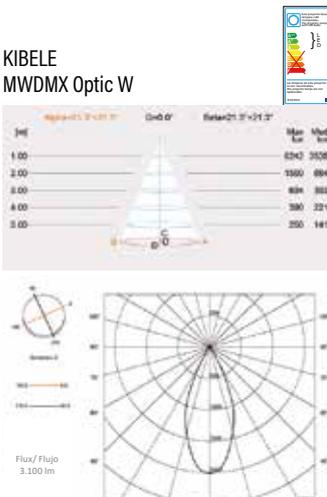
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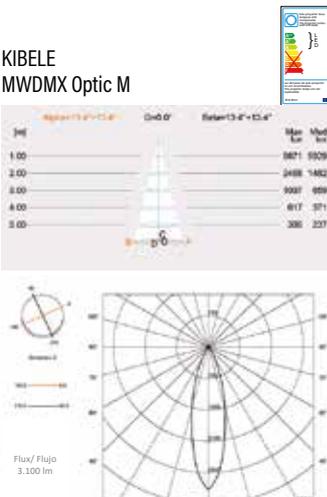
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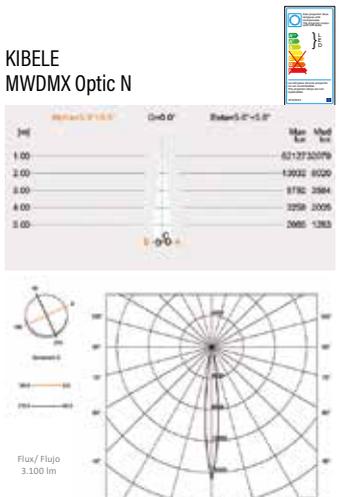
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**KIBELE MWDMX Optic M**



**KIBELE MWDMX Optic N**

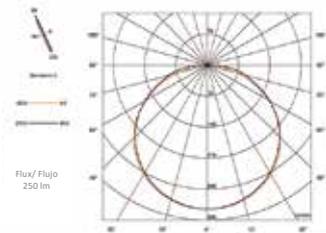


ILLUMINATION

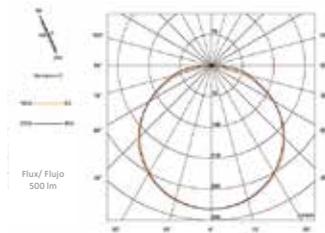
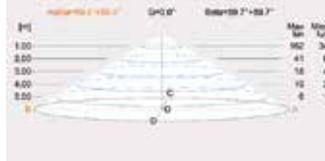
LINEAR ESCALA PROJECTOR



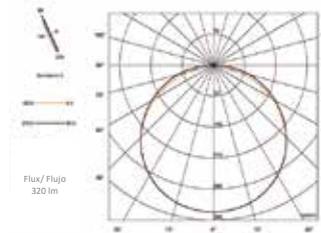
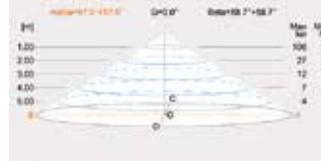
ESCALA (0.5 m)  
Monocolour



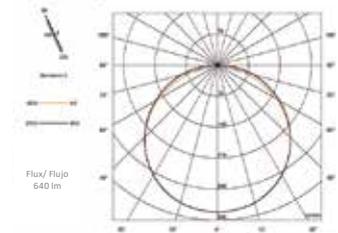
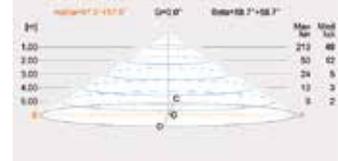
ESCALA (1 m)  
Monocolour



ESCALA (0.5 m)  
MWDMX



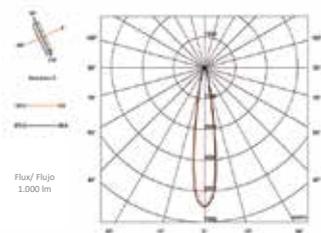
ESCALA (1 m)  
MWDMX



ADJUSTABLE LINEAR PROJECTOR



Adjustable linear projector  
MWDMX



FLOATING FOUNTAINS



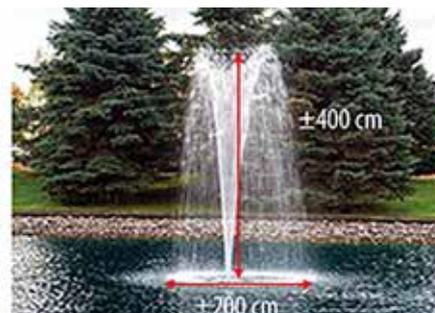
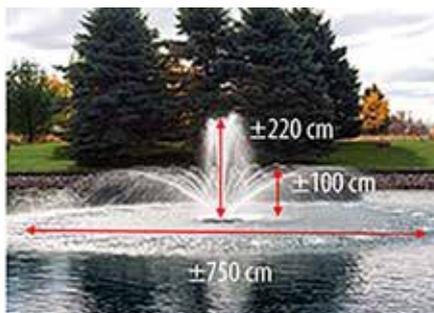
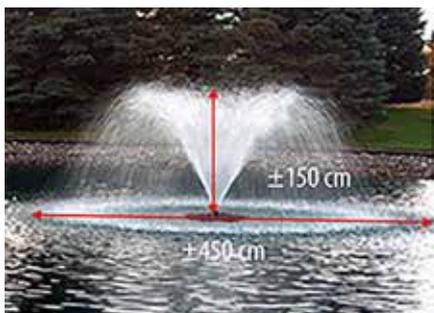
## AQUAFORTE FLOATING FOUNTAINS



A very professional fountain set including 3 different fountain heads: Classic, Trumpet and Crown & Trumpet. Replacing the fountain heads is very easy; with a simple bayonet connection the head can be replaced within seconds! The fountain is equipped with a float and a 560 watt pump with 30 meter cable. The pump can be adjusted in height/ flow with the (optional) controller with remote control which also adjusts the power consumption of the pump. This controller can also control the on/off times of the fountain. The fountain can be programmed up to 6 periods per day. These settings repeat themselves every 24 hours. LED lighting set with 3 lights is optionally available. 1 x 6 watt gives 150 lumens.

TECHNICAL FEATURES

TYPE	CODE	WATT	CABLE LENGHT
Floating fountain set	MD830	560	30 m
Remote & Flow control timer	RB247	-	-
LED lighting set 3 x 6 watt	MD831	3x6	30 m



## AQUAFORTE TIMER/CONTROLLER



Very versatile tool, remote control, flow control and timer, all in one unit! Only suited for a-synchronous pumps up to 600 watt. Can be used up to 80 meter distance. Flow control for pumps of 50 to 99%. Timer can be programmed up to 6 settings per day. Ideal for e.g. fountain pumps (to control height and working hours).

TECHNICAL FEATURES

TYPE	CODE
Remote & Flow control timer	RB247

FLOATING FOUNTAINS

EJ SERIES FOUNTAINS



- 1/2, 3/4, 1, 2, 3 & 5HP available as single phase.
- 2, 3 & 5HP also available as three phase.
- Includes an impeller guard and bottom screen to prevent clogging.
- Stub cord includes quick disconnect and stainless steel strain relief.
- Customer or installer adds additional length power cord as needed.

EJ FOUNTAIN PACKAGES

PART #	HP	VOLT	CORD LENGHT
2400EJF000	1/2	220	Stub Cord (1m)
2400EJF010	1/2	220	10
3400EJF000	3/4	220	Stub Cord (1m)
3400EJF010	3/4	220	10
4400EJF000	1	220	Stub Cord (1m)
4400EJF010	1	220	10
8400EJF000	2	220	Stub Cord (1m)
2.3EHJF000	2	380	Stub Cord (1m)
3.1EJF000	3	220	Stub Cord (1m)
3.3EHJF000	3	380	Stub Cord (1m)
5.3EHJF000	5	380	Stub Cord (1m)

PATTERN DIMENSIONS

HP	PATTERN DIMENSIONS (H x W) (m)							
	SEQUOIA	CYPRESS	WILLOW	LINDEN	BIRCH	BALSAM	REDWOOD	SPRUCE
1/2	3.2 x 2.4	1.8 x 4.5	1.6 x 5.2	2.3 x 6.7	1.7 x 1.5	-	-	-
3/4	3.5 x 2.4	2.1 x 5.5	1.9 x 5.8	2.7 x 8.5	2.1 x 2	-	-	-
1	-	-	-	3.4 x 9.4	2.6 x 1.8	3.4 x 7.3	4.9 x 1.5	4.7 x 2.1
2	-	-	-	5.2 x 10.7	3.5 x 3	4.9 x 9.4	6.9 x 1.8	6.6 x 2.7
3	-	-	-	5.5 x 11.9	4.9 x 2.7	3.8 x 7.9	7.2 x 1.8	7 x 2.7
5	-	-	-	6.2 x 12.2	5.8 x 3	4.7 x 9.4	8.1 x 1.8	7.9 x 2.7



REDWOOD



SPRUCE



BALSAM



SEQUOIA



LINDEN



CYPRESS



BIRCH



WILLOW

FLOATING FOUNTAINS

PREMIUM NOZZLES



Further define your EJ Series experience with a Premium Nozzle, now available for all HP sizes. Purchased separately, Kasco Premium Nozzles provide crisp and distinct streams of water for dramatic and attention-demanding displays. No tools are required for installation.



MIGHTY OAK



MAGNOLIA



MAHOGANY



MADRONE



PALM

PART NUMBERS & DIMENSIONS

PATTERN	NEW - 1/2 & 3/4HP PART NUMBERS & DIMENSIONS (H x W) (m)			1, 2, 3 & 5HP PART NUMBERS & DIMENSIONS (H x W) (m)				
	PART #	1/2HP-NEW	3/4HP-NEW	PART #	1HP	2HP	3HP	5HP
Mighty oak	431335K	2.1 x 5.3	2.9 x 7.9	841335K	3.4 x 10.4	5 x 14.6	5.9 x 17.1	6.9 x 18.3
Magnolia	431325K	2 x 6.1	2.6 x 8.8	841325K	2.9 x 10.1	4.4 x 15.2	5.3 x 17.1	6.2 x 22.6
Mahogany	431345K	2.4 x 5.5	3.2 x 7.9	841345K	3.2 x 9.1	5 x 13.4	5.9 x 17.1	6.9 x 18.9
Madrone	431330K	2.4 x 6.1	3.4 x 8.5	841330K	3.4 x 9.4	5 x 14.6	6.1 x 17.1	7 x 18.9
Palm	-	-	-	841320K	2.6 x 6.1	3.8 x 8.5	4.7 x 10.1	5.1 x 10.4



MADRONE



MAGNOLIA



MIGHTY OAK



MAHOGANY



PALM

FLOATING FOUNTAINS



## EVFX FOUNTAINS



The VFX Series are a crossover of surface aerators and fountains. These fountains display a "V-shaped" pattern while maintaining a steady, high-volume flow of water.

EVFX FOUNTAIN PACKAGES

PART #	HP	VOLT	CORD LENGHT
2400EVFX000	1/2	220	Stub Cord (1m)
2400EVFX010	1/2	220	10
3400EVFX000	3/4	220	Stub Cord (1m)
3400EVFX010	3/4	220	10
4400EVFX000	1	220	Stub Cord (1m)
4400EVFX010	1	220	10
3.1EVFX000	3	220	Stub Cord (1m)
3.3EHVFX000	3	380	Stub Cord (1m)

Product Notes:

1. Stub cords include a quick disconnect and strain relief.



## AQUATICLEAR™ CLOG-FREE CIRCULATOR



- 220V, single phase options
- Marine-grade stainless steel for saltwater / brackish water compatibility
- Horizontal Float Kit and Universal Mount Kit options
- Universal Mount Kit packages include Simple Swivel bracket (patent pending) allowing easy rotation of the unit to direct flow of water

AQUATICLEAR PACKAGES

PART #	HP	VOLT	PHASE	CORD LENGHT (M)
HORIZONTAL FLOAT PACKAGES				
2400ECFM000	1/2	220	1	Stub Cord (1m)
2400ECFM010	1/2	220	1	10
3400ECFM000	3/4	220	1	Stub Cord (1m)
3400ECFM010	3/4	220	1	10
UNIVERSAL MOUNT PACKAGES (CUSTOMER MUST SUPPLY PIPE)				
2400ECDM000	1/2	220	1	Stub Cord (1m)
2400ECDM010	1/2	220	1	10
3400ECDM000	3/4	220	1	Stub Cord (1m)
3400ECDM010	3/4	220	1	10

Product Notes:

1. Kasco recommends placing motor unit at least .6 m below the surface of the water to prevent audible unit cavitation / ventilation.
2. Do not install too close to the bottom of water body. Improper placement can disturb bottom sediment. Check local regulations for guidelines and restrictions.

COMPLEMENTARY PRODUCTS



# LEVEL CONTROL SYSTEM



This control system provides a complete solution for controlling the water level in any fountain. This system makes it possible to fill a fountain automatically and acts as a security system for pumps if a fountain's water level drops too low.

The level control sensor is a very robust model that is resistant to oxidation and made entirely of AISI 316 stainless steel.

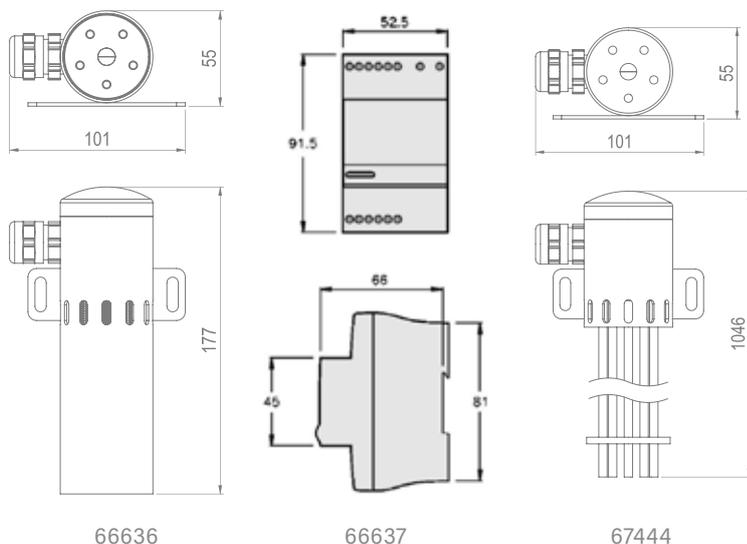
In the case of the Level Control Sensor Adjustable, the customer receives the product with an standard and equal length on all rods, in order that the customer adjusts this length according to the installation.

Code

Level Control Sensor	66636
Level Control Unit	66637
Level Control Sensor Adjustable	67444

TECHNICAL FEATURES	
	LEVEL CONTROL SENSOR
Code	66636
Dimensions (L x W x H) [mm]	101 x 55 x 177
Level range [mm]	1000
Difference between levels [mm]	20
Number of electrodes	5
Cable included	5 x 110 m
Material	AISI 316 stainless steel
Weight [kg]	2.3
Protection rating	IP 68

TECHNICAL FEATURES	
	LEVEL CONTROL UNIT
Code	66637
Dimensions (L x W x H) [mm]	53 x 66 x 92
Voltage [V]	230 VAC
Electrode inputs	5
Outputs	2 relay output up to 8A
Indicator led	1 power, 2 outputs
Material	Plastic housing
Mounting	DIN rail
Protection rating	IP20



TECHNICAL FEATURES	
	LEVEL CONTROL SENSOR ADJUSTABLE
Code	67444
Dimensions (L x W x H) [mm]	101 x 55 x 1046
Level range [mm]	1000
Difference between levels [mm]	20
Number of electrodes	5
Cable included	5 x 110 m
Material	AISI 316 stainless steel
Weight [kg]	2.6
Protection rating	IP 68

COMPLEMENTARY PRODUCTS

# WIND CONTROL SYSTEM



This wind control system is the best way of avoiding water loss from jets, thus preventing the area around a fountain and the spectators of a fountain display from getting wet due to the action of the wind.

It can be run in three modes depending on wind speed: normal, reduced fountain jet height and off in case of very strong wind.

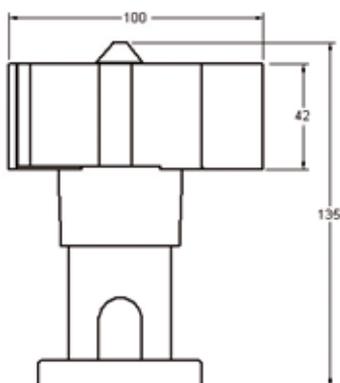
Code

**Wind Control System**

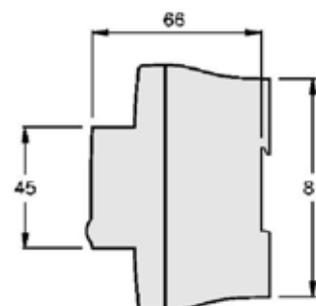
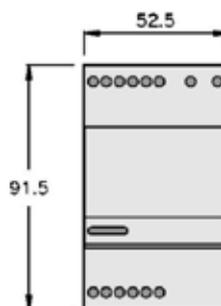
Wind Control Sensor	66577
Wind Control Unit	66578

TECHNICAL FEATURES	
	WIND CONTROL SENSOR
Code	66577
Dimensions (L x W x H) [mm]	100 x 100 x 135
Range [m/s]	2 - 55
Voltage [V]	5 - 15 VDC
Output [Hz]	0 - 210
Cable included	3 x 0.5 20 m
Material	ABS
Weight [kg]	1.2
Protection rating	IP 65

TECHNICAL FEATURES	
	WIND CONTROL UNIT
Code	66578
Dimensions (L x W x H) [mm]	53 x 66 x 92
Range [m/s]	Adjustable
Voltage [V]	230 VAC
Inputs	PNP/NPN or potential free contact
Outputs	3 relay outputs up to 6A
Display	LCD
LED Indicator	1 power, 3 outputs
Material	Plastic housing
Mounting	DIN rail
Protection rating	IP 20



66577



66578

COMPLEMENTARY PRODUCTS



# INTERACTIVE SENSOR BUTTONS

The interactive sensors are the perfect complement to be placed in any ornamental fountain.

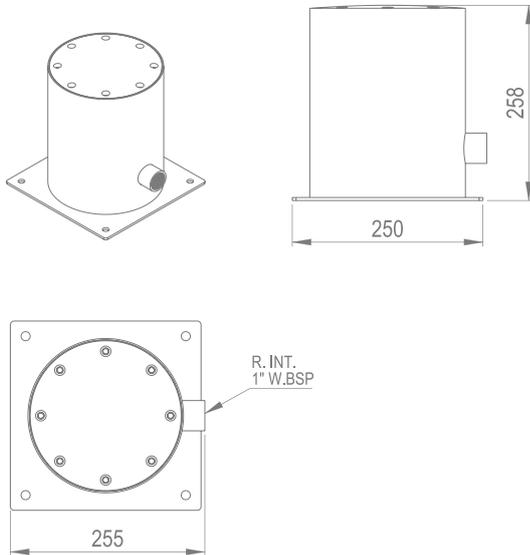
Each sensor can produce a different variability into the fountain actuation in real time, producing a guaranteed fun for the whole family.



Code

**Interactive sensor buttons**

Black	-	-	66574
Blue	-	-	66574CL02
Green	-	-	66574CL03
Red	-	-	66574CL04



TECHNICAL FEATURES	
INTERACTIVE SENSOR BUTTONS	
Code	66574 (black) / 66574CL02 (blue) / 66574CL03 (green) / 66574CL04 (red)
Dimensions (L x W x H) [mm]	250x255 x 258
Nominal Voltage [V]	24 (VDC)
Output	Digital Output (24 VDC)
Inlet Connection	1"
Material	Stainless steel 316 - PE-HD -500
Weight [kg]	7.8



COMPLEMENTARY PRODUCTS



# SWIVEL



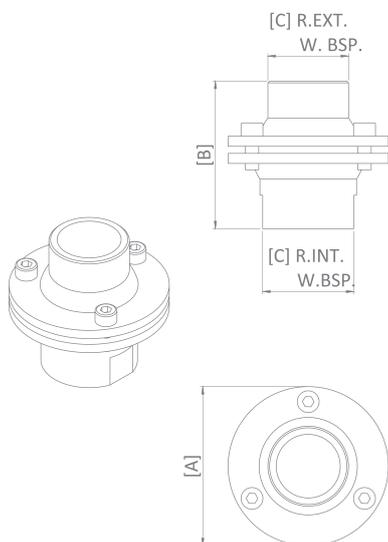
The swivel is a perfect adapter for all types of nozzles. Corrects the unevenness produced during the development of the work. The swivel also allows positioning any type of nozzle in any desired angle.

It is entirely made of AISI-316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Water Connection	Nozzle Connection	Code
------------------	-------------------	------

**Swivel**

1"	1"	66930
1 1/2"	1 1/2"	73798
2"	2"	73799
2 1/2"	2 1/2"	73800
3"	3"	73801



TECHNICAL FEATURES

	SWIVEL 1"	SWIVEL 1 1/2"	SWIVEL 2"	SWIVEL 2 1/2"	SWIVEL 3"
<b>Code</b>	66930	73798	73799	73800	73801
<b>Water connection [R] [mm]</b>	1"	1 1/2"	2"	2 1/2"	3"
<b>Nozzle connection [R INT] [mm]</b>	1"	1 1/2"	2"	2 1/2"	3"
<b>Total height [H] [mm]</b>	68	75	91	103	118
<b>Total diameter [D] [mm]</b>	70	90	110	140	150
<b>Inclination [β°]</b>	+22 / -22		-10, +10		
<b>Material</b>	AISI-316				
<b>Weight [kg]</b>	0.6	0.8	1.3	2.9	3.6

66930



COMPLEMENTARY PRODUCTS



# PIPE FITTING



Pipe fittings are the best way of connecting pipes through the wall or the floor of a fountain.

Available in standard sizes from 1"to 4".

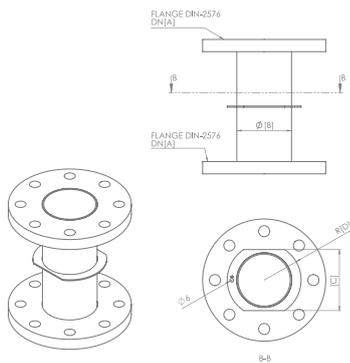
All models are extremely robust and resistant to oxidation because they are made entirely of AISI 316 stainless steel.

Code

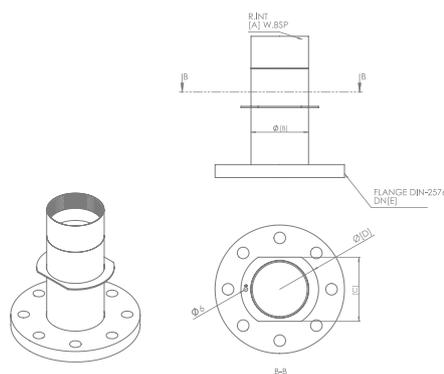
Pipe Fitting FI-FI 3"	66630
Pipe Fitting FI-FI 4"	66631
Pipe Fitting FI-M 3"	66632
Pipe Fitting FI-M 4"	66633
Pipe Fitting FI-F 3"	66634
Pipe Fitting FI-F 4"	66635

TECHNICAL FEATURES

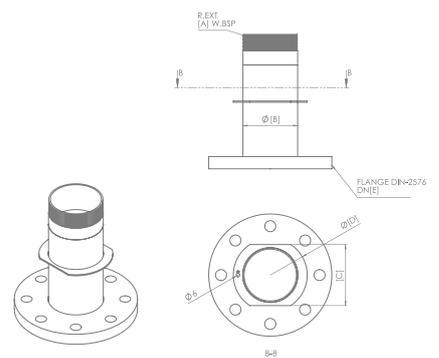
CODE		L [mm]	A	B [mm]	C	D	E
66630	PIPE FITTING FL-FL 3"	220	80	88.9	110	120	-
66631	PIPE FITTING FL-FL 4"	220	100	114.3	135	145	-
66632	PIPE FITTING FL-M 3"	220	3"	88.9	110	120	80
66633	PIPE FITTING FL-M 4"	220	4"	114.3	135	145	100
66634	PIPE FITTING FL-F 3"	220	3"	100	100	120	80
66635	PIPE FITTING FL-F 4"	220	4"	125	126	145	100



PIPE FITTING FL-FL



PIPE FITTING FL-F



PIPE FITTING FL-M

COMPLEMENTARY PRODUCTS



# PIPE FITTING



Pipe fittings are the best way of connecting pipes through the wall or the floor of a fountain.

Available in standard sizes from 1" to 4".

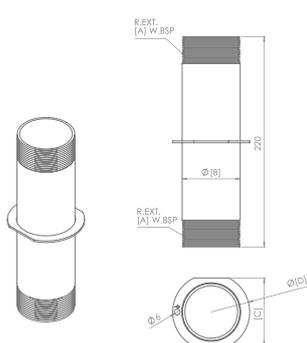
All models are extremely robust and resistant to oxidation because they are made entirely of AISI 316 stainless steel.

Code

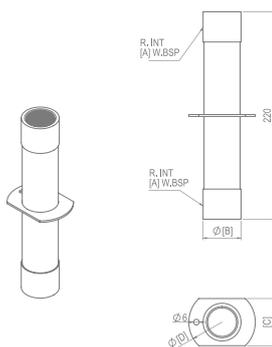
Pipe Fitting M-M 1"	66615
Pipe Fitting M-M 1-1/2"	66616
Pipe Fitting M-M 2"	66617
Pipe Fitting M-M 3"	66618
Pipe Fitting M-M 4"	66619
Pipe Fitting F-F 1"	66620
Pipe Fitting F-F 1-1/2"	66621
Pipe Fitting F-F 2"	66622
Pipe Fitting F-F 3"	66623
Pipe Fitting F-F 4"	66624
Pipe Fitting M-F 1"	66625
Pipe Fitting M-F 1-1/2"	66626
Pipe Fitting M-F 2"	66627
Pipe Fitting M-F 3"	66628
Pipe Fitting M-F 4"	66629

TECHNICAL FEATURES

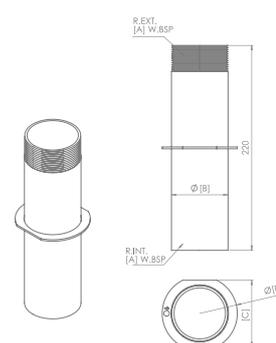
CODE		L [mm]	A	B [mm]	C	D
66615	PIPE FITTING M-M 1"	220	1"	33.4	45	70
66616	PIPE FITTING M-M 1-1/2"	220	1 1/2"	48.3	60	75
66617	PIPE FITTING M-M 2"	220	2"	60.3	72	80
66618	PIPE FITTING M-M 3"	220	3"	88.9	100	120
66619	PIPE FITTING M-M 4"	220	4"	114.3	126	145
66620	PIPE FITTING F-F 1"	220	1"	40	50	70
66621	PIPE FITTING F-F 1-1/2"	220	1 1/2"	55	65	110
66622	PIPE FITTING F-F 2"	220	2"	70	85	120
66623	PIPE FITTING F-F 3"	220	3"	100	125	150
66624	PIPE FITTING F-F 4"	220	4"	125	145	160
66625	PIPE FITTING M-F 1"	220	1"	40	45	70
66626	PIPE FITTING M-F 1-1/2"	220	1 1/2"	55	80	110
66627	PIPE FITTING M-F 2"	220	2"	70	80	110
66628	PIPE FITTING M-F 3"	220	3"	100	100	120
66629	PIPE FITTING M-F 4"	220	4"	125	126	145



PIPE FITTING M-M



PIPE FITTING F-F



PIPE FITTING M-F

COMPLEMENTARY PRODUCTS

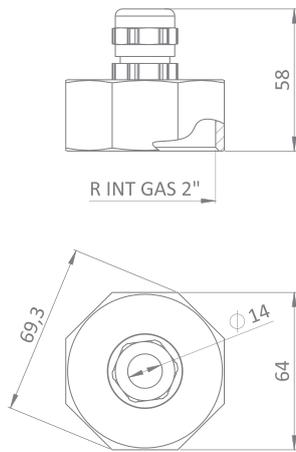
# CABLE INLET FITTING 1 - 2" FEMALE THREAD



Cable inlet fitting 2" threaded for cable gland for wires of different diameter depending on the model. Made with AISI-316 stainless Steel and nickel pated brass. Works as a cable inlet fitting for 2" pipes.

Code

Cable Inlet Fitting 1 - 2" Female Thread	72049
Cable Inlet Fitting 1 - 2" Female Thread	73350



TECHNICAL FEATURES		
	CABLE INLET FITTING 1 - 2" FEMALE THREAD	
Code	72049	73350
Dimensions (L x W x A) [mm]	70 x 64 x 58	70 x 64 x 65
Cable diameter [mm]	5-14	11-20
Connection	2" G	
Material	Stainless Steel 316 / Nickel plated brass	

COMPLEMENTARY PRODUCTS



# CABLE INLET FITTING



The Cable Inlets Fittings are the best way to ensure watertight connections with cable through the walls of the fountain. With its original design allow the connection of different devices with the same Cable Inlet Fitting. It is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

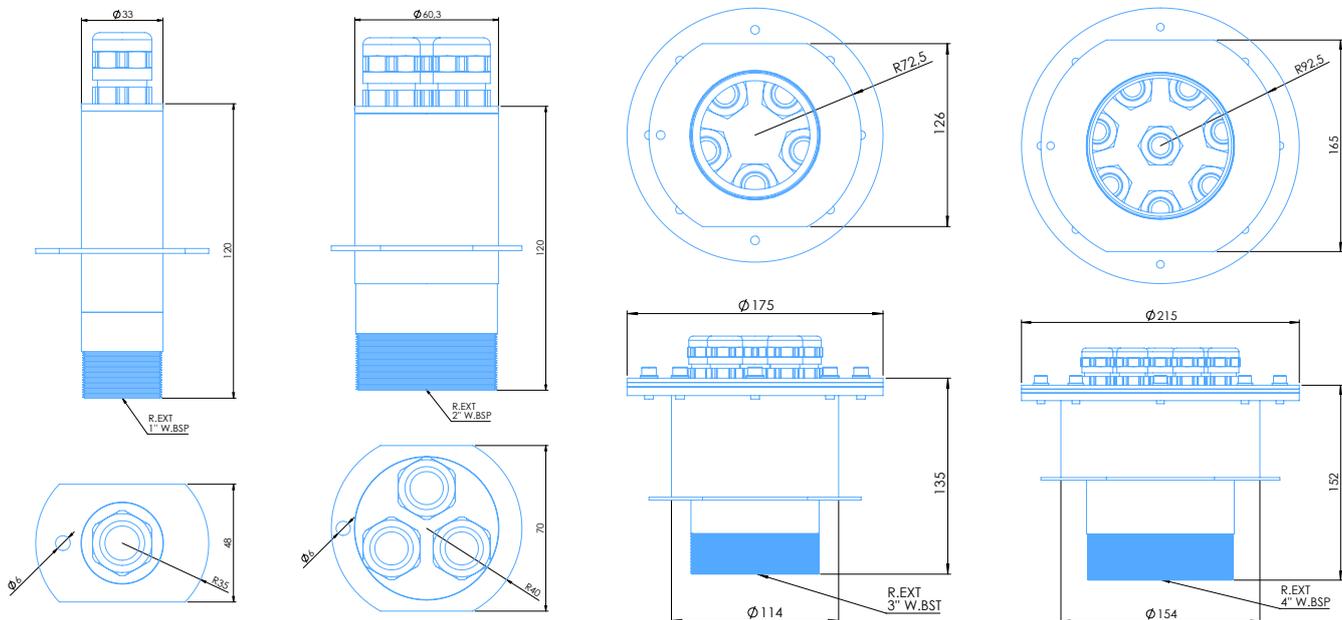
Code

**Cable inlet fitting**

70 x 48 x 122 mm	66598
80 x 70 x 122 mm	66599
175 x 175 x 152 mm	66600
215 x 215 x 152 mm	66601

TECHNICAL FEATURES

Code	CABLE INLET FITTING			
	66598	66599	66600	66601
Dimensions (L x W x A) [mm]	70 x 48 x 122 mm	80 x 70 x 122 mm	175 x 175 x 152 mm	215 x 215 x 152 mm
Connection	1" G	2" G	3" G	4" G
Number of inlets	1	3	5	8
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Protection class	IP 68			





## PRESSURE HOLDING VALVE

Pressure holding valve to install in manifolds with several controlled outputs. With this valve it is possible to maintain the pressure in the manifold, regardless of the open outputs.

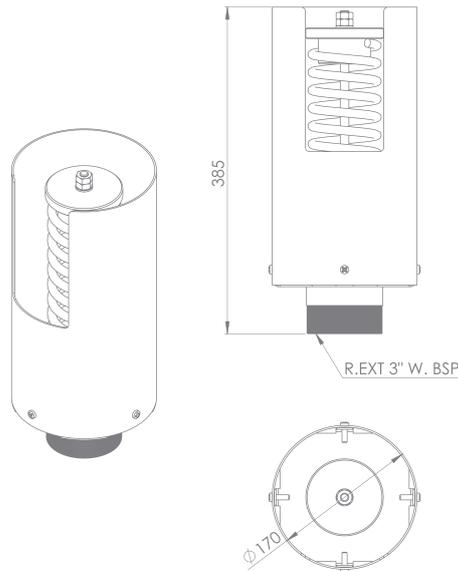
With this valve is also possible to protect the pump against overload and the line of excessive pressures, in addition of ensuring a minimum flow.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

Code

Pressure Holding Valve

73349



### TECHNICAL FEATURES

	PREFILTER LFS
<b>Code</b>	73349
<b>Dimensions (L x W x H) [mm]</b>	385 x 170 x 170
<b>Connection</b>	3" M
<b>Maximum flow [l/min]</b>	720
<b>Maximum pressure [bar]</b>	2.2
<b>Material</b>	AISI 316 Stainless steel

COMPLEMENTARY PRODUCTS



## PREFILTER LFS



Prefilter LFS are mounted on the inlets of the suction lines to protect devices and water circuit from coarse debris.

Is highly versatile because it can be installed on the pipe directly and bolt it easily to the floor.

It has a large filter surface, so increases highly filter clogging time.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

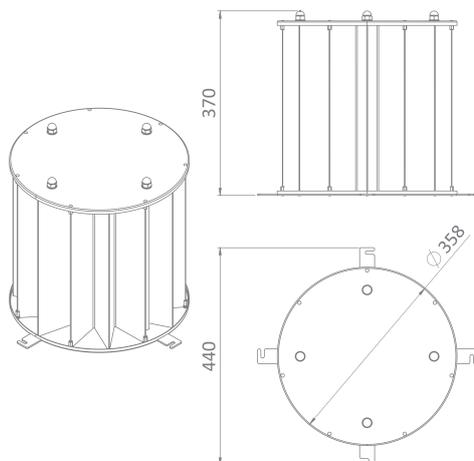
Code

Prefilter LFS

73348

TECHNICAL FEATURES

	PREFILTER LFS
Code	73348
Dimensions (L x W x A) [mm]	440x 440 x 370
Connection	DN150
Filter surface [m <sup>2</sup> ]	1
Particle strainer [mm]	5
Material	AISI 316 stainless steel
Weight [kg]	4.5 kg



## WATERPROOF JUNCTION SS D20 / D14



This robust waterproof junction allows to make IP68 connections, both for electrical and communication cables.

It is available in two different models, depending on the cable diameter to be connected.

Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering.

Code

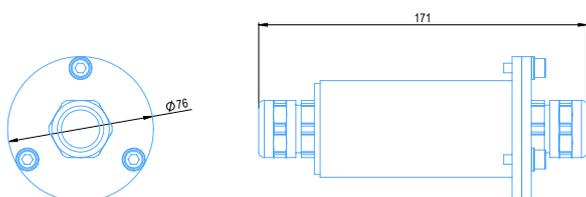
**Waterproof Junction**

D14  
D20

70685  
70684

TECHNICAL FEATURES

	WATERPROOF JUNCTION D14	WATERPROOF JUNCTION D20
Code	70685	70684
Dimensions (L x W x H) [mm]	171 x 76 x 76	171 x 76 x 76
Cable diameter range [mm]	14 - 5	20 - 11
Material	SS 316 / Brass / TPE	
Protection class	IP68	



COMPLEMENTARY PRODUCTS

UNDERWATER CONNECTOR IP68 4 CORE



This robust waterproof junction allows to make IP68 connections, both for electrical and communication cables.

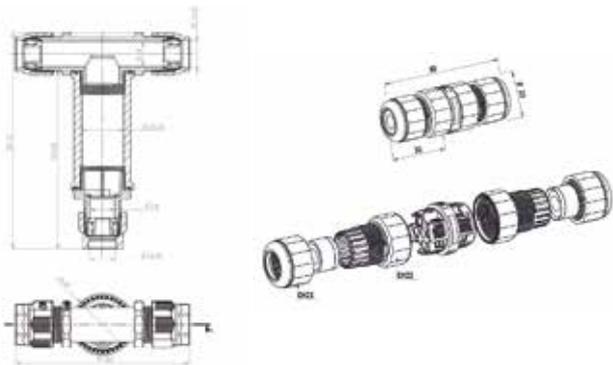
It is available in two different models, depending on the cable diameter to be connected.

Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering.

Code

**Underwater connector**

Underwater connector IP68	10918
Kit 5 unities (4 pole connection) + 2 keys	10892
Air connector IP68 4 poles	10912
Key for aerial connector	10914



TECHNICAL FEATURES

	CONNECTOR T3 POLES	CONNECTOR 4 CORE
Code	10918	10912
Core member	3	4
Cable diameter range [mm]	7-13.5	7 - 12
Material	PA66GF UL94 V0 GWT 960°C	
Protection level	IP68	



OVERFLOW



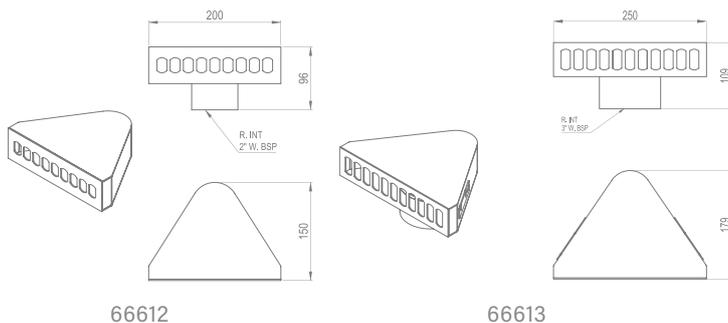
This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

It is available in two different models, depending on the surface of the fountain. Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering..

Code

**Overflow**

Overflow 200	66612
Overflow 250	66613



TECHNICAL FEATURES

	OVERFLOW	
Code	66612	66613
Dimensions (L x W x H) [mm]	200 x 150 x 96	250 x 179 x 104
Aspiration Flow 0.5 m/s [m³/h]	4,5	10
Connection	2" G	3" G
Material	Stainless Steel 316	

COMPLEMENTARY PRODUCTS

# OVERFLOW



This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

It is available in two different models, depending on the surface of the fountain.

The standard model is manufactured between 10 and 100 centimeters, with the possibility of other dimensions on request.

Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering.

Code

**Overflow**

Overflow 2"

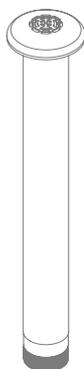
66610LXXXX

Overflow 3"

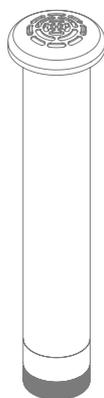
66611LXXXX

TECHNICAL FEATURES

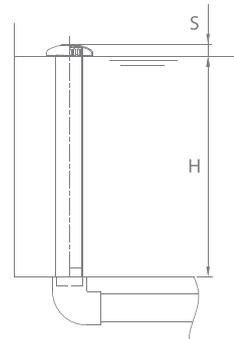
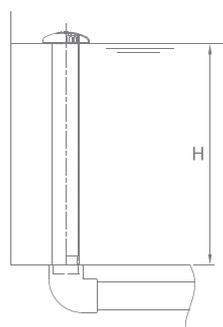
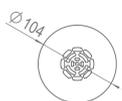
	OVERFLOW	
Code	66610LXXXX	66611LXXXX
Dimensions (L x W x H) [mm]	105 x 105 x (100-1000)	130 x 130 x (100-1000)
Aspiration Flow 0.5 m/s [m³/h]	4.5	10
Connection	2" G	3" G
Material	Stainless Steel 316	



66610LXXXX



66611LXXXX



66611LXXXX

# FLOOR DRAIN



This drain is installed on the floor of the pool of the fountain and it's ideal for ensuring fountain water emptying or return.

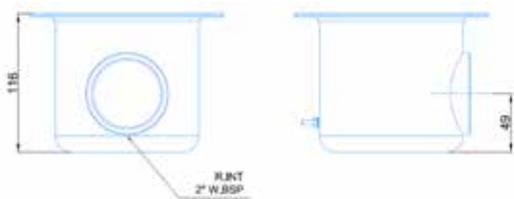
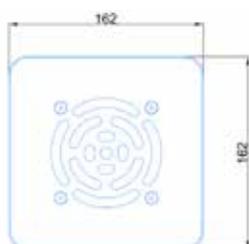
It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

Dimensions (L x W x H)(mm)

Code

162 x 162 x 116

66614



TECHNICAL FEATURES

	FLOOR DRAIN
Code	66614
Dimensions (L x W x H) [mm]	162 x 162 x 116
Aspiration Flow 0.5 m/s [m³/h]	4,5
Connection	2" G
Material	Stainless Steel 316

COMPLEMENTARY PRODUCTS



# JUNCTION BOXES



The Junction Boxes are the best way to ensure watertight connections between cable inside the pool of the fountain. With its original design allow the connection of different devices with the same Junction Box.

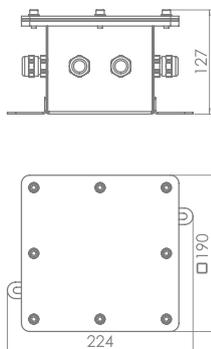
It is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

Code

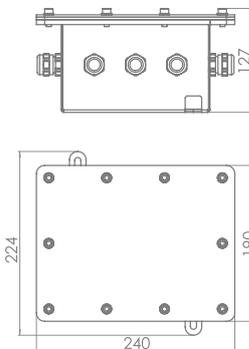
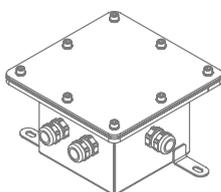
Junction Box 6	66602
Junction Box 10	66603
Junction Box 16	66604
Junction Box 32	66605

TECHNICAL FEATURES

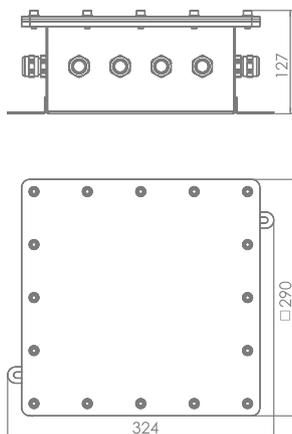
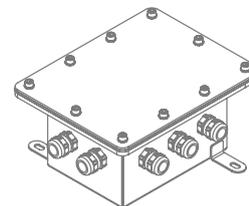
	JUNCTION BOXES			
Code	66602	66603	66604	66605
Dimensions (L x W x H) [mm]	224x190x127	240x224x127	324x290x127	324x290x139
Number of inlets	6	10	16	32
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Protection class	IP 68	IP 68	IP 68	IP 68



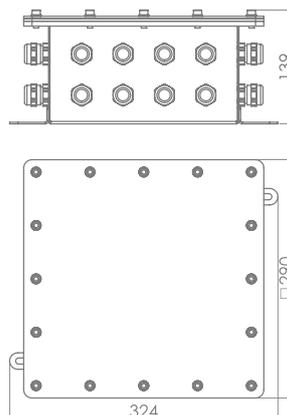
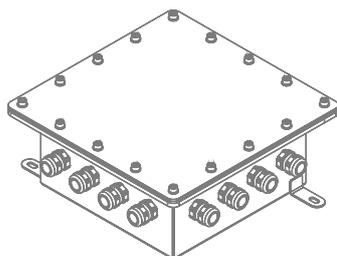
66602



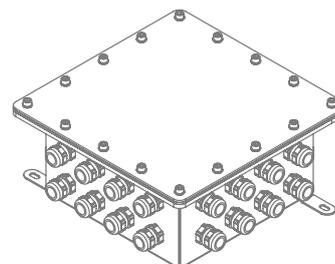
66603



66604



66605



COMPLEMENTARY PRODUCTS



# CABLE INLET FITTING BOX



The Cable inlet Fitting Box are the best way to ensure watertight connections with cable through the walls of the fountain and at the same time interconnect different devices.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

Code

**Cable Inlet Fitting Box**

290 x 290 x 263 mm	3" G	66606
290 x 290 x 275 mm	3" G	66607
290 x 290 x 263 mm	4" G	66608
290 x 290 x 275 mm	4" G	66609

TECHNICAL FEATURES				
	CABLE INLET FITTING BOX			
Code	66606	66607	66608	66609
Dimensions (L x W x H) [mm]	290 x 290 x 263 mm	290 x 290 x 263 mm	290 x 290 x 263 mm	290 x 290 x 275 mm
Connection	3" G	3" G	4" G	4" G
Number of inlets	16	32	16	32
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Assembled protection class	IP 68			

COMPLEMENTARY PRODUCTS



LF FILTERS



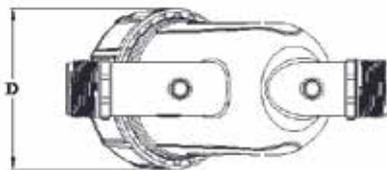
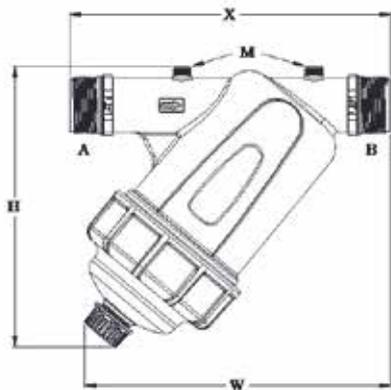
Code

**Cepex Manual LF Filters**

3/4" B Screen 130 micron - 5 m <sup>3</sup> /H	34910
1" B Screen 130 micron - 6 m <sup>3</sup> /H	34911
1 1/4" B Screen 130m - 10 m <sup>3</sup> /H	04132
1 1/2" B Screen 130m - 14 m <sup>3</sup> /H	04133
2" B screen 130 micron - 25 m <sup>3</sup> /h	34912

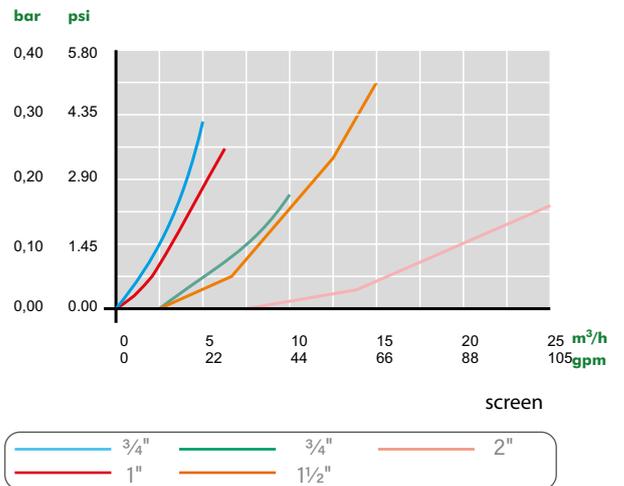
TECHNICAL FEATURES

Code	CEPEX MANUAL LF FILTERS				
	34910	34911	04132	04133	34912
Connection	3/4"	1"	1 1/4"	1 1/2"	2"
Maximum flow	5 m <sup>3</sup> /h - 22 gpm	6 m <sup>3</sup> /h - 26 gpm	10 m <sup>3</sup> /h - 44 gpm	14 m <sup>3</sup> /h - 62 gpm	25 m <sup>3</sup> /h - 110 gpm
Filtration surface (mesh)	160 cm <sup>2</sup> - 25 in <sup>2</sup>	160 cm <sup>2</sup> - 25 in <sup>2</sup>	265 cm <sup>2</sup> - 41 in <sup>2</sup>	265 cm <sup>2</sup> - 41 in <sup>2</sup>	485 cm <sup>2</sup> - 75 in <sup>2</sup>
Maximum temperature / pressure	8 bar/116 psi - 60 °C/140 °F				



DIMENSIONS

	H		W		X		D	
	mm	in	mm	in	mm	in	mm	in
34910	173	7	185	7	158	6	83	3
34911	173	7	190	7	168	7	133	5
04132	202	8	231	9	231	9	133	5
04133	202	8	231	9	231	9	155	5
34912	248	10	270	11	267	11	144	6



COMPLEMENTARY PRODUCTS

HFL FILTERS



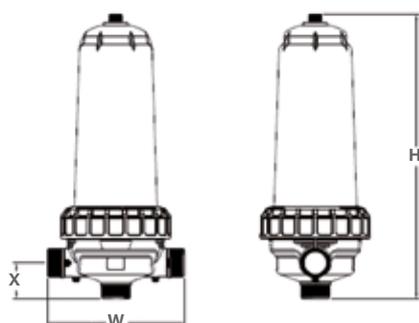
Code

**Cepex Manual HFL Filters**

2 B Screen 130 Micron - 30m <sup>3</sup> /H	62271
2 large B Screen 130m - 30m <sup>3</sup> /H	62273
3 B Screen 130 Micron - 50m <sup>3</sup> /H	62275
3 large B Screen 130 Micron - 50m <sup>3</sup> /H	62277

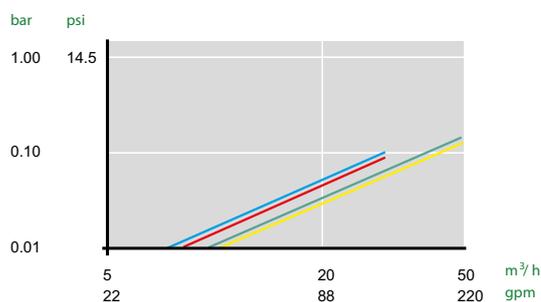
TECHNICAL FEATURES

	CEPEX MANUAL HFL FILTERS			
Code	62271	62273	62275	62277
Connection	2"	2" Large	3"	3" Large
Maximum flow	30 m <sup>3</sup> /h - 132 gpm	30 m <sup>3</sup> /h - 132 gpm	50 m <sup>3</sup> /h - 220 gpm	50 m <sup>3</sup> /h - 220 gpm
Filtration surface (mesh)	650 cm <sup>2</sup> - 101 in <sup>2</sup>	960 cm <sup>2</sup> - 149 in <sup>2</sup>	650 cm <sup>2</sup> - 101 in <sup>2</sup>	960 cm <sup>2</sup> - 149 in <sup>2</sup>
Maximum temperature / pressure	6 bar/90 psi - 60 °C/140 °F			



DIMENSIONS

	H		W		X		D	
	mm	in	mm	in	mm	in	mm	in
62271	445	17.5	286	11.2	75	3.0	231	9.1
62273	595	23.4	286	11.2	75	3.0	231	9.1
62275	495	19.5	336	13.2	110	4.3	231	9.1
62277	645	25.4	336	13.2	110	4.3	231	9.1





# LAGOONS

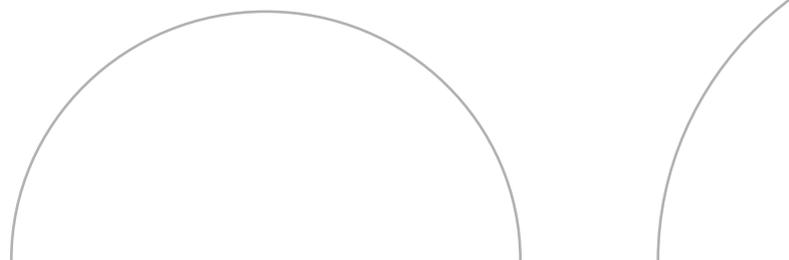
# FLUIDRA



**LAGOONS**



Laguna Martiane. Puerto de la Cruz, Tenerife (Spain).





## INNOVATIVE LAGOON & LAKE SOLUTIONS AT THE HEART OF YOUR TOURISM, RESIDENTIAL OR REAL ESTATE PROJECT

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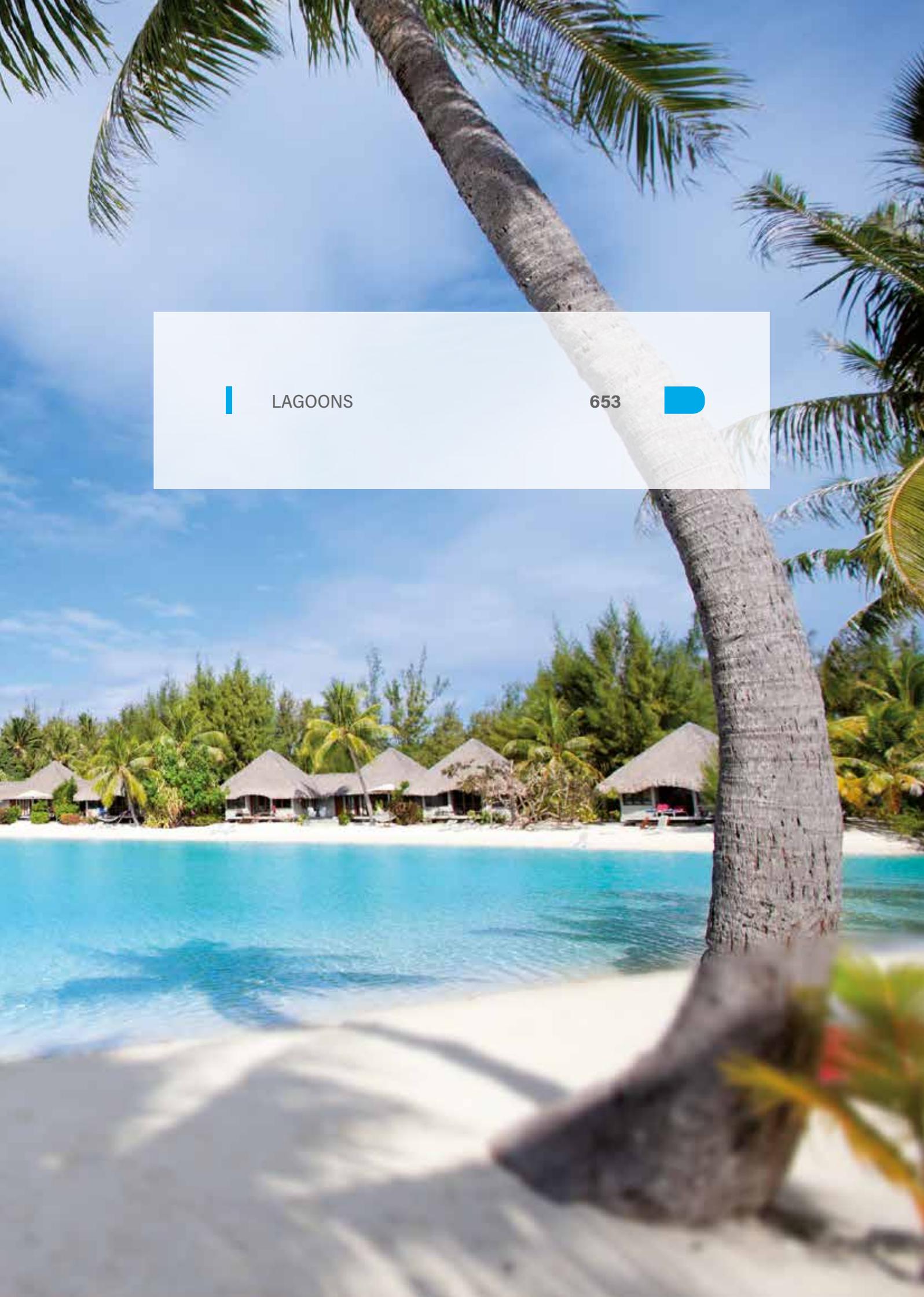
A lagoon - a man made recreation of an idyllic coastal paradise is an innovative solution that is setting a trend in the hotel, private and real estate industries.

These oases can be adapted to limitless shapes and sizes thanks to Fluidra's sustainable technology.

These well defined spaces are an extremely versatile solution that make it possible to include multiple concepts in a single design.

They are able to accommodate a wide range of activities, including water sports like swimming, kayaking, paddle surfing, even sailing in small boats, as well as a host of **recreational activities that make this unique concept perfect for all types of users.**







## LAGOONS

# LAGOONS

- 654 **LAGOONS & LAKES**
- 654 What is considered a Lake and a Lagoon
- 656 Exploration of Economic performance spaces
- 658 Wide Range of Sports
- 659 Maximum Quality
- 659 Pristine Water

## WHAT IS CONSIDERED A LAKE AND A LAGOON

A lagoon is an artificial recreation of a paradisiacal beach mainly used in hotels, resorts and real estate, among others. These multifunctional spaces are an extremely versatile solution that make it possible to include a wide range of concepts, areas, themes and services.

They are able to accommodate a wide range of activities, including water sports like swimming, kayaking, paddle surfing, sailing, as well as a recreational activities that make this unique concept perfect for all family and users.



An artificial lake on the other hand, is a large body of water that provides a fresh, ornamental touch to outdoor areas. It can also include some water shows or water activities such as boats for navigation but they can't be used for swimming and aquatic sports.



## LAGOONS &amp; LAKES

## LAGOONS



Great blend with  
the landscape



Sensation of  
being in the sea



Return of  
investment



Multifunctional  
solution



Different depths ideal  
for all family



100% Customized  
designs

## LAKES



Great blend with  
the landscape



Multifunctional  
solution



Return of  
investment



100%  
Customized  
designs



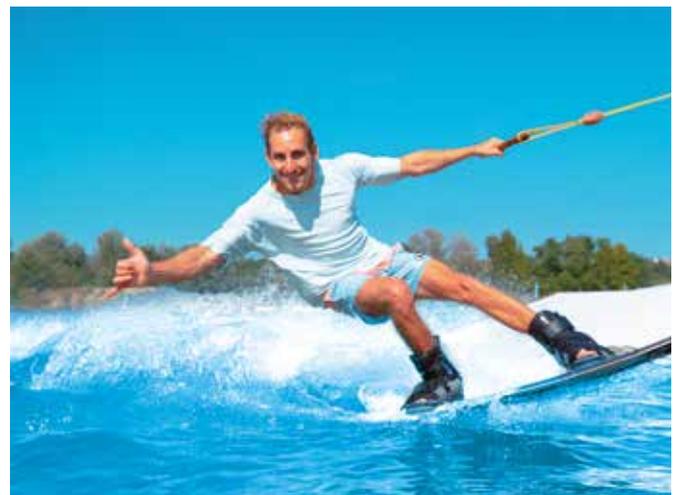
# EXPLORATION OF ECONOMIC PERFORMANCE SPACES

Empowering the profitability of your project



## LAGOONS &amp; LAKES

The customized and cutting-edge designs of our lagoons create a "pull" effect, generating an increase in demand that translates into more sales for the business and activities located directly on the lagoon. Likewise, lagoons increase the value of any property and deliver added value to developments.



## WIDE RANGE OF SPORTS

Our lagoons are safe spaces -no dangerous currents or jellyfish here- that provide recreation and fun for the entire family, with multiple opportunities for both rest and relaxation, as well as sports, including kayaking, wakeboarding and paddle surfing.

### LAGOONS



Swim



Wake park



Water park



Paddle surf



Kayak



Sail



Surf



Wave park for surfing



Windsurf



Kite surf



Scuba dive

### LAKES



Wake park



Paddle surf



Kayak



Sail



Surf



Wave park for surfing

## LAGOONS &amp; LAKES

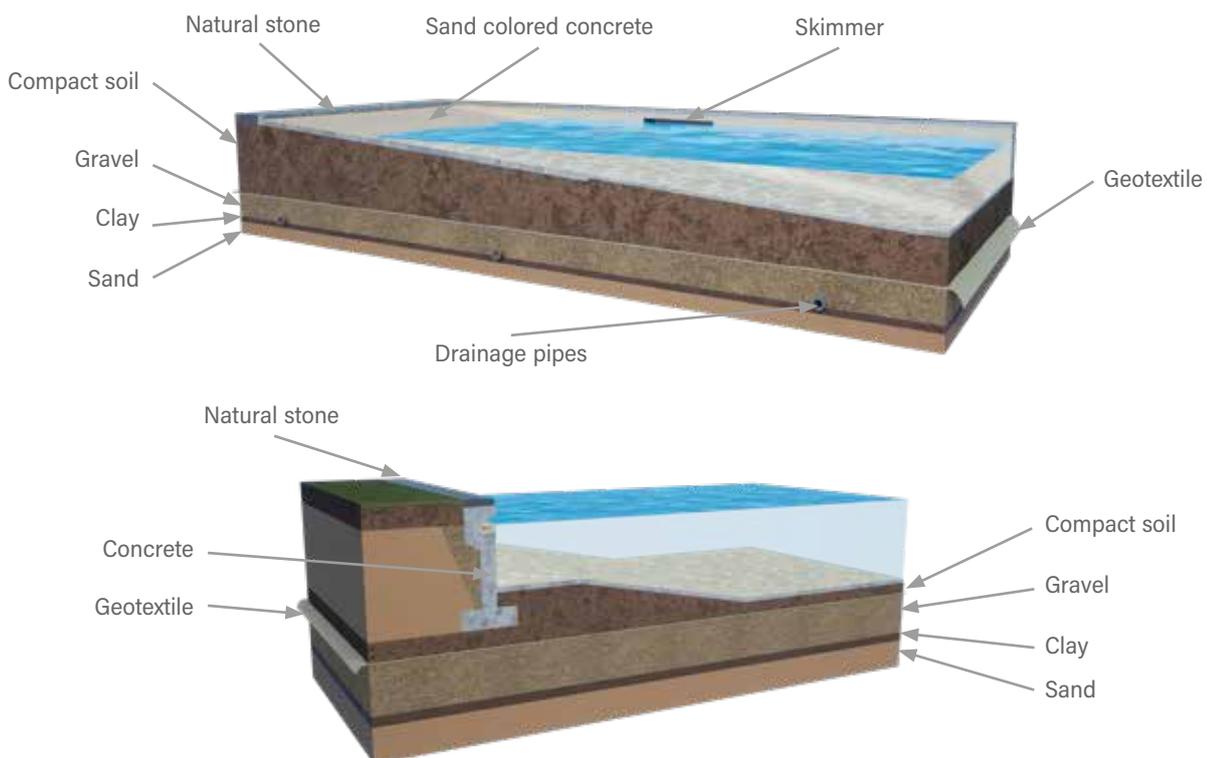
## MAXIMUM QUALITY

### Focused on every project

As designers, manufacturers and suppliers, at Fluidra we ensure that the investment in our lagoons has a minimal impact on construction and maintenance costs.

### Waterlight

Our lagoons are equipped with a double layer of protection that guarantees water tightness.



## PRISTINE WATER

### Lagoon treatment

Our lagoons are designed to adapt to the requirements of each project, and we offer both freshwater and saltwater solutions.

Treatment and disinfections consists essentially of:

- Filtration system.
- Recirculation system.
- Desinfection water treatment.
- Flocculation system.
- UV system.

### Microbiological and physicochemical quality

Compliance with international health standards.

**FLUIDRA** warns that this catalogue is not a contractual document. The specifications, photographs, illustrations, and sketches of the products included in this catalogue are provided for illustrative purposes only and shall not be considered binding. The data included in the technical sheet of each product shall always prevail. The products included in this catalogue have their corresponding technical sheets, a copy of which can be obtained at any time by requesting it from the **FLUIDRA** technical service or by downloading it from the **FLUIDRA** website.

**FLUIDRA** has made its best efforts to ensure that the specifications, photographs, illustrations, and sketches of the products contained in this catalogue are accurate at the time of publication. Notwithstanding the foregoing, **FLUIDRA** follows a policy of continuous development of its products and, consequently, reserves the right to expand, replace, and/or discontinue the manufacture of the products displayed in this catalogue, as well as to modify their characteristics, components, and/or functionality, at any time and without prior notice.

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The customer, in its capacity as a professional in the design, development, construction, installation, distribution, and/or marketing of pools, fountains, lagoons, water parks, spas, and similar facilities, acknowledges that it possesses the necessary experience and knowledge to determine the products required for the proper development of its business. Consequently, the customer shall be responsible for confirming, based on the data included in the technical sheet, that the characteristics, components, and/or functionality of the products included in this catalogue are suitable for the specific use for which they are intended.









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**COMMERCIAL SOLUTIONS '25**  
POOL, WELLNESS, FOUNTAINS & LAGOONS TECHNOLOGY

**FLUIDRA**