COMMERCIAL SOLUTIONS

FLUIDRA

POOL, WELLNESS, FOUNTAINS & LAGOONS

TECHNOLOGY

26













ASTRALPOOL CEPEX ZODIAC® ctx pro PISCINE LAGHETTO SR Smith

FLUIDRA

Fluidra is a leading global company dedicated to the swimming pool and wellness sector. Founded in 1969, it has extensive experience, on a global scale, in the development of innovative services and products in the residential (private) and commercial (hotels and resorts, municipal and high-competition swimming pools, spa and wellness centres) swimming pool market.

Our corporate culture is based on an approach focused on providing exceptional experiences to our customers, promoting ethical behaviour and generating a positive impact on people's lives.

Fluidra's purpose: We turn water into a better world.

At the heart of **our purpose is a promise**: to innovate, care and act responsibly. Together, we aspire to build a more balanced, healthy and sustainable world, today and for future generations.

As part of our ambitious **2025-2030 strategic plan**, we look to the future with the aim of leading and driving the evolution of the swimming pool and wellness sector.

Our strategic plan is based on three fundamental pillars: **accelerating growth** through global commercial excellence, **fostering competitive differentiation** through innovation, digitalisation, product development and smart pools, and **enhancing operational excellence** by maximising productivity and efficiency across the value chain.

These three pillars are supported by **five key enablers**: culture, talent and organisation; financial discipline; technology, data and digital; continuous transformation; and our roadmap to sustainability.

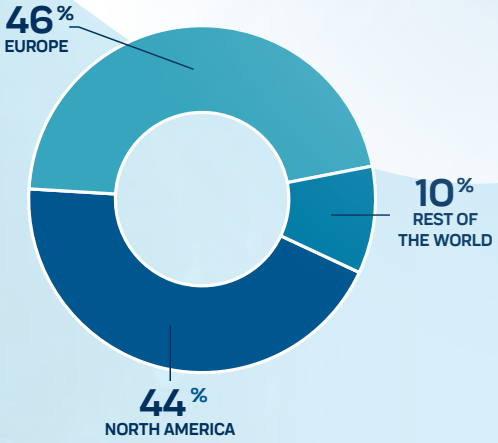
With these objectives, we will not only improve our **customers' experience**, but also strengthen our **corporate culture** while positioning our organisation for future growth.

Key figures

- 2.102 M€ — Sales
- +477 M€ — EBITDA
- 6,5 MIL — Employees
- +128 — Sales branches
- +47 — Countries
- +300 — Engineers
- +36 — Production centers
- +1.700 — Patents
- +1 M — Connected Pools

A Global Powerhouse





● Own sales branches ● Production centres ● Headquarters

Highly recognized brands

Jandy · ASTRALPOOL · Polaris · ZODIAC · BARACUDA THE TRUSTED NAME IN POOL CARE

Gre · AQUA PRODUCTS · COVERPOOLS · CEPEX · ctx pro

SR Smith · AQUA FORTE PROFESSIONAL WATER PRODUCTS · GRAND EFFECTS FIRE & WATER ELEMENTS · PISCINE LAGHETTO · taylor

BAC pool systems

FLUIDRA

fluidra.com

NEW PRODUCTS 2026



COMI LED

+ New range of adjustable LED projectors designed to illuminate water effects in ornamental fountains. Available in different wattages, white light and RGBW colours via DMX control. Choose from two lighting patterns to create an efficient and beautiful water show.

See page 583

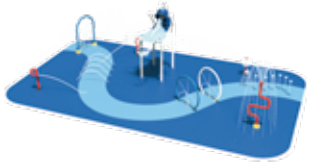


RECESSED MINI PROJECTOR

+ These compact projectors are designed to be integrated into the walls of swimming pools, ornamental fountains, or other aquatic spaces, providing efficient light output. Available in four models, their design and robustness allow them to withstand a static load of up to 500 kg.

See page 586

SPLASH PARKS



+ Discover our new range of zero-depth water park solutions. Safe and accessible for children of all ages, we create fully configurable and customisable experiences that stimulate play, imagination and outdoor adventure, offering a wide variety of fun and refreshing features.

See page 486



SKYPOOL EGARA

+ SkyPool EGARA is AstralPool's new generation of prefabricated panels, combining efficiency and innovation. Its modular design offers sustainability, durability and quick installation. It uses advanced materials such as EGA-Steel, which guarantees superior strength and corrosion protection. It is an adaptable solution for all types of pools, from recreational to high-level competitions.

See page 86



TIMING SYSTEMS

+ AstralPool's timing system offers maximum precision and reliability in competitions and training sessions, recording times in real time. Designed for aquatic environments, it combines durability and ease of use. Its flexible configuration allows it to be adapted to any type of installation or competitive level. It includes different models with stopwatches, touch pads, starting systems, scoreboards, comprehensive results management software and much more.

See page 376

NEW PRODUCTS 2026



MAXIM VS

ASTRALPOOL

+ **The Maxim VS pump is an advanced solution for commercial pools, offering variable speeds and automatic control for optimal performance. It is ideal for hotel pools, campsites, sports clubs, public pools and spas. Equipped with Full Inverter technology, this pump maximises energy savings, ensuring high efficiency and sustainability.**

See page 157



VFD VS

ASTRALPOOL

+ **The VFD VS is a variable frequency drive for commercial pools that upgrades single-speed Maxim pumps, providing them with variable speed operation. Easy to install, it can be mounted directly on the pump or on the wall, in both new and existing installations. This stand-alone drive provides significant energy savings and optimised operations.**

See page 158



POWER FORCE INVERTER

ZODIAC®

+ **The Power Force Inverter is the ultimate aerothermal solution for efficient and sustainable climate control, designed to deliver superior performance all year round. With advanced technical features such as Inverter technology, it is ideal for commercial environments seeking energy efficiency and quiet operation.**

See page 356



COVERS FOR PUBLIC POOLS BAC POOL SYSTEMS

BAC pool systems

+ **Discover the new range of customised covers for commercial pools from BAC Pool Systems. With over 40 years of experience, they are designed to maximise energy efficiency, extend the swimming season and ensure durability and comfort. Manufactured from high-quality materials, they include different roll-up systems (manual or automatic) that can be adapted to any project.**

See page 67

FLUIDRA

POSITIVE POOL

THE POOL THAT CARES FOR THE PLANET AND ITS PEOPLE

A swimming pool is synonymous with wellbeing, health and unforgettable experiences.

But what if it could be even more? At Fluidra, we asked ourselves this question, and that is how the concept of the **Positive Pool** was born.

In **commercial pool** environments, such as hotels, campsites and sports centres, the pool has become an essential meeting point, offering **comfort, leisure and physical activity,** while promoting sustainability and operational efficiency.

Aquatic facilities are evolving to become **safer, more accessible and more inclusive,** and are environments that contribute to **collective wellbeing, strengthen the community** and offer **shared experiences** that inspire and improve **quality of life.**

In the **environmental sphere,** swimming pools are committed to **efficiency and responsible resource management,** integrating technologies that reduce the consumption of water, energy and chemicals and minimise their impact on the environment. A well-designed swimming pool not only blends into its architectural and natural surroundings, but also actively contributes to **environmental and social balance.**

Fluidra accompanies you on this journey, so that every swimming pool is part of the solution. A **Positive Pool** is much more than a place to enjoy the water: it is a pool that cares. It **cares for the environment and society,** as well as those who make it possible – builders, installers, distributors, retailers and owners. It is a pool that **creates spaces and experiences to remember,** where every drop and every moment counts.

This vision takes shape in two main areas of action:

- In the **environmental area,** the Positive Pool **reduces energy consumption, minimises water use and decreases the need for chemicals,** thanks to efficient solutions, smart systems and technologies that optimise resources. But its impact goes beyond the water's edge: it expands its perimeter by connecting to **alternative sources of water** and energy, promoting circularity and reducing its footprint on the environment.
- In the **social vector,** the pool promotes **well-being, health** and **safety,** ensuring **accessibility and inclusivity** for all. And, by also expanding its social perimeter, it becomes a **space for connection, community and coexistence**, capable of generating shared and memorable experiences.

Positive Pool is a journey, not a destination.

Every step, every innovation and every responsible decision brings us closer to a more balanced and humane future.

Fluidra accompanies you on this journey, so that every pool is part of the solution.

Positive social impact

Well-being and entertainment | **Social connection and cohesion** | **Health and safety** | **Inclusive access and use**



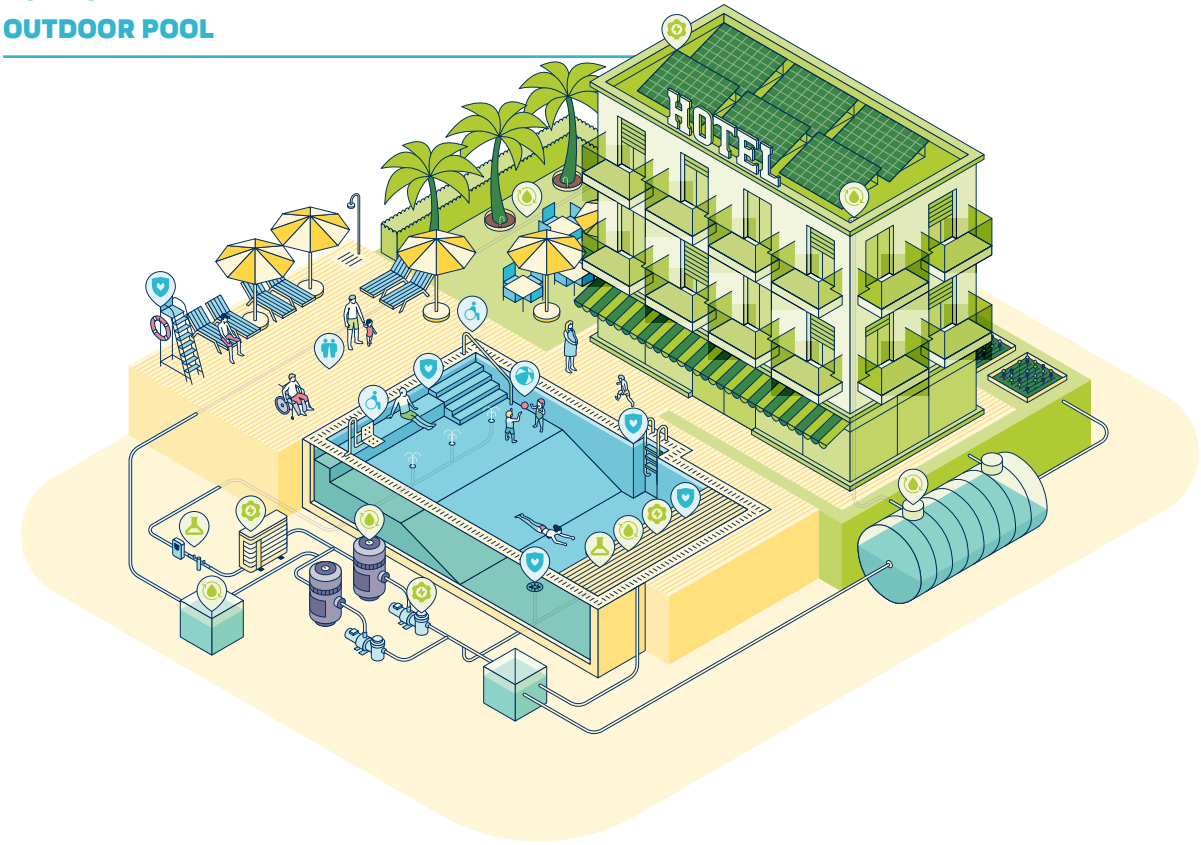
Environmental positive impact

Water conservation management | **Energy efficiency management** | **Efficient chemical management**

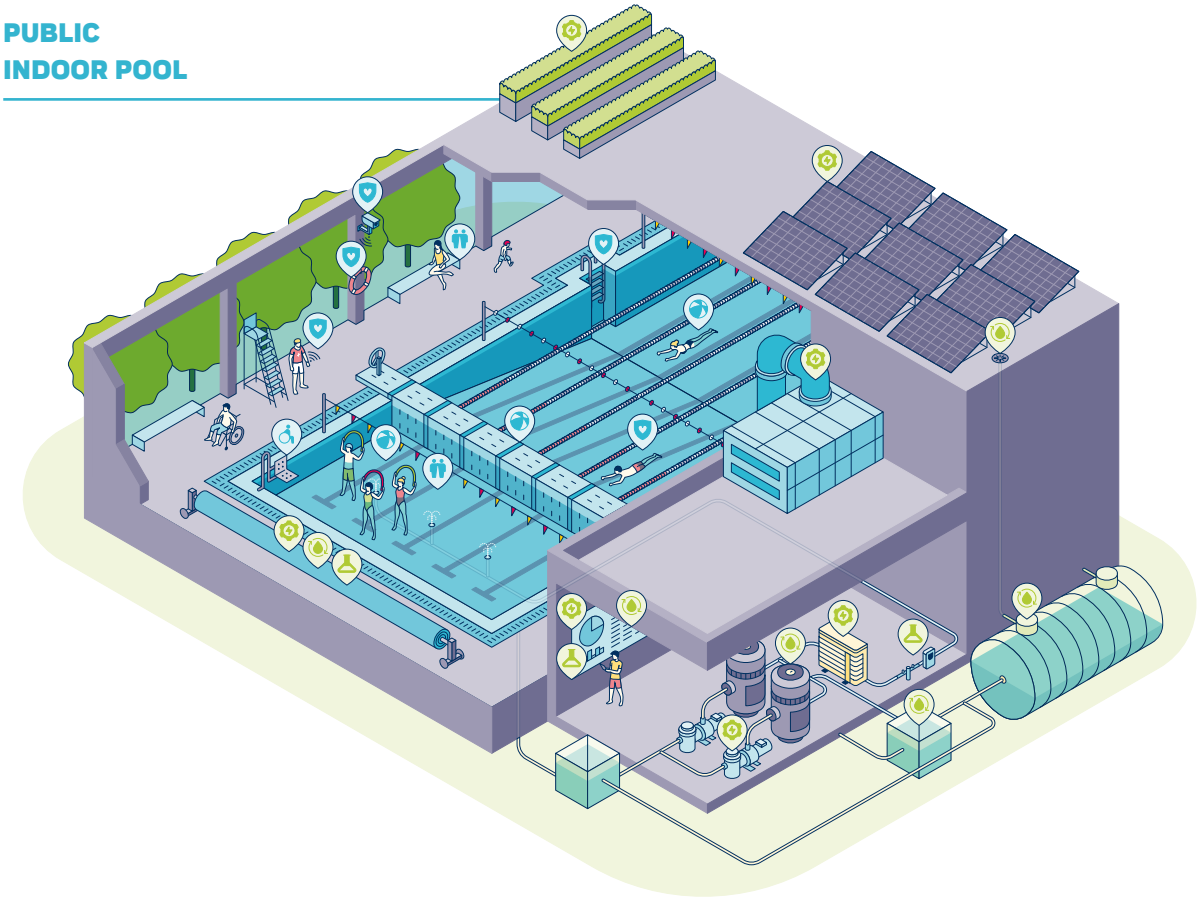


Key points to consider in aquatic facilities for the design of a swimming pool under the **Positive Pool** approach and the impact vector.

PUBLIC OUTDOOR POOL



PUBLIC INDOOR POOL



FLUIDRA

POSITIVE POOL

ENVIRONMENTAL AND SOCIAL IMPACT

Quick guide to products for designing a swimming pool based on the **Positive Pool** approach, with their vector and degree of impact.

DEGREE OF IMPACT

- HIGH
- MEDIUM
- LOW

ENVIRONMENTAL IMPACT



WATER SAVINGS MANAGEMENT

Filters with lower backwash consumption

- Perlite filter. (page 146)
- Granulometric filters with automatic valve batteries and blower. (page 144)
- Strainer filters. (page 118)
- Filter media with lower backwash consumption (glass, clay). (page 142)

ENERGY EFFICIENCY MANAGEMENT

More efficient filtration pumps

- KIVU. (pages 160-164)

Filtration pumps + Variable speed drive

- Victoria Plus Silent VS. (page 156)
- Bombas Maxim VS. (page 157)
- KiVU pumps with external variable speed drive. (pages 160-164)

Heat recovery exchangers

- Heat recovery in backwashing. (page 368)
- Filtration speed adjustment by compensation tank level. (Datapool)

Air conditioning with heat pumps

- Standard heat pumps. (page 360)
- Z950 Inverter. (page 358)
- Power Force Inverter. (page 356)

SOCIAL IMPACT

COMBINED **ENERGY + WATER** MANAGEMENT

Dehumidifiers with heat recovery and condensate recovery

- Heat recovery in ventilation dehumidification. (page 349)
- Ventilation and recovery systems with CO_2 control. (page 349)

Covers and automatic covers

- Thermal covers to reduce evaporation and heat loss. (page 67)

Environmental impact monitoring and optimisation systems (water/energy)

- Datapool.

EFFICIENT CHEMICAL MANAGEMENT

Automatic dosing and control systems

- Complete systems. (page 250)

AOPs

- UV Heliox. (page 239)

SWC

- Salt chlorination system for swimming pools. (page 232)
- Neolysis. (page 236)

SOCIAL IMPACT **ACCESSIBILITY AND SAFETY**

Specific means of access for people with special needs

- Lifts and means of access for people with reduced mobility. (page 52)

Mobile bottoms and bridges to expand the range of modes of use and users

- Mobile bottoms and bridges

Capacity control and surveillance systems

- Prevention of accidents and drowning. (page 56)

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.

ASTRALPOOL

ZODIAC

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

FLUIDRA

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

FLUIDRA

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

FLUIDRA

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 resilence


Disclosures and reporting

FLUIDRA

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

FLUIDRA

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)
Building sustainability performance

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

FLUIDRA

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

FLUIDRA

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.

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 PARTNER IN AQUATIC SOLUTIONS**
- **INNOVATION & TECHNOLOGY**
- **ADDED-VALUE SOLUTIONS**
- **HIGH LEVEL OF COMPETENCE AND EXPERIENCE**
- **PRODUCTS MANUFACTURED BY FLUIDRA**

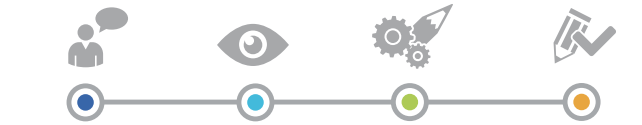
OUR BUSINESS MODEL

+ 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.

+ We design, manufacture and distribute all the components necessary for the construction, refurbishment and maintenance of all types of aquatic solutions. Always with a clear mission: **to turn water into a better world.**

DESIGN

Design phases:



Fluidra offers comprehensive 360º solutions, working hand in hand with our customers. We have a team of experts with extensive experience in the conception and design of aquatic projects to imagine your project from the outset. We use advanced design tools and technologies throughout the process, such as 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

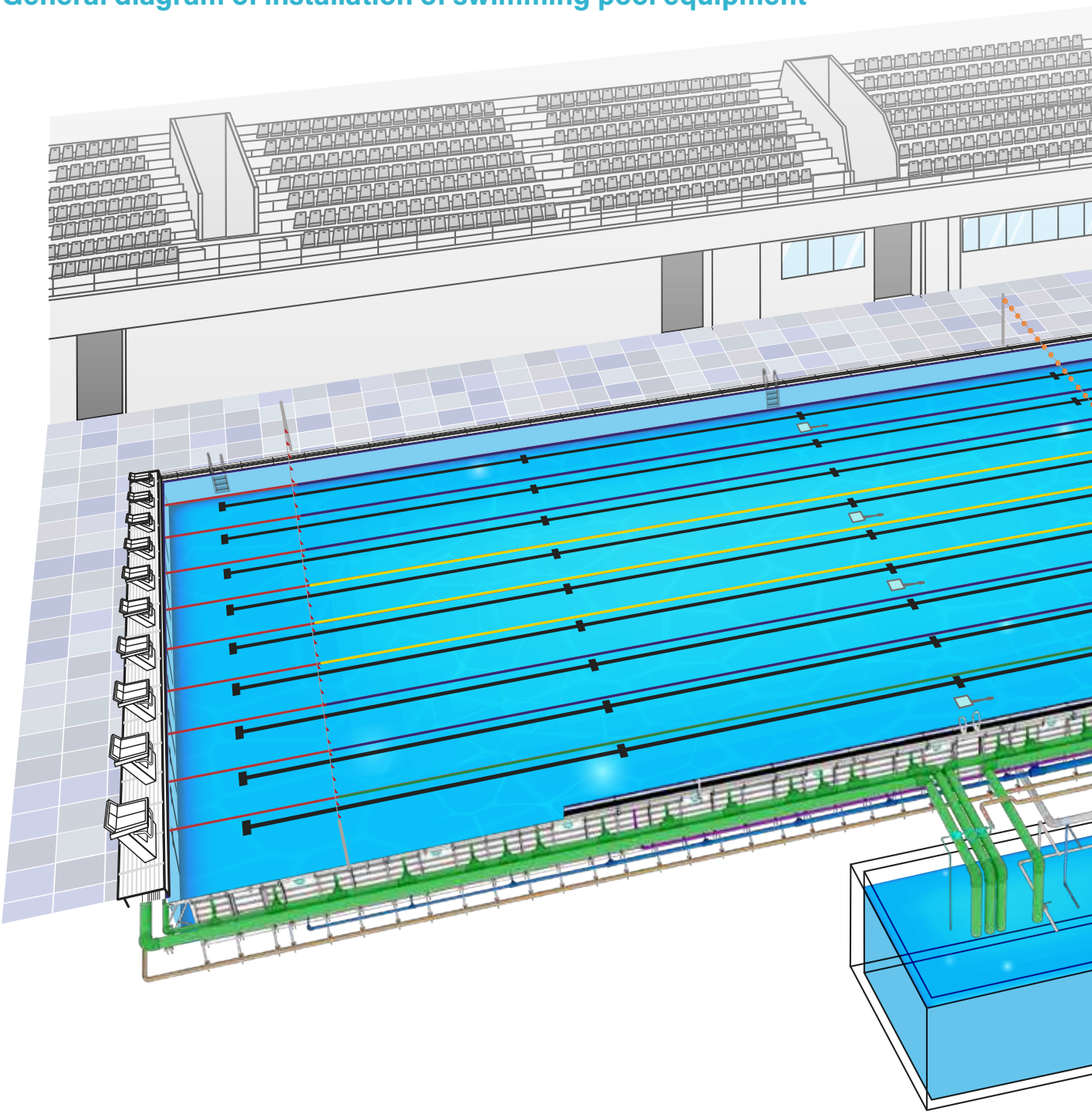
Innovation is a fundamental part of Fluidra's DNAa. We develop products and solutions to offer the highest standards of quality and efficiency for your projects.

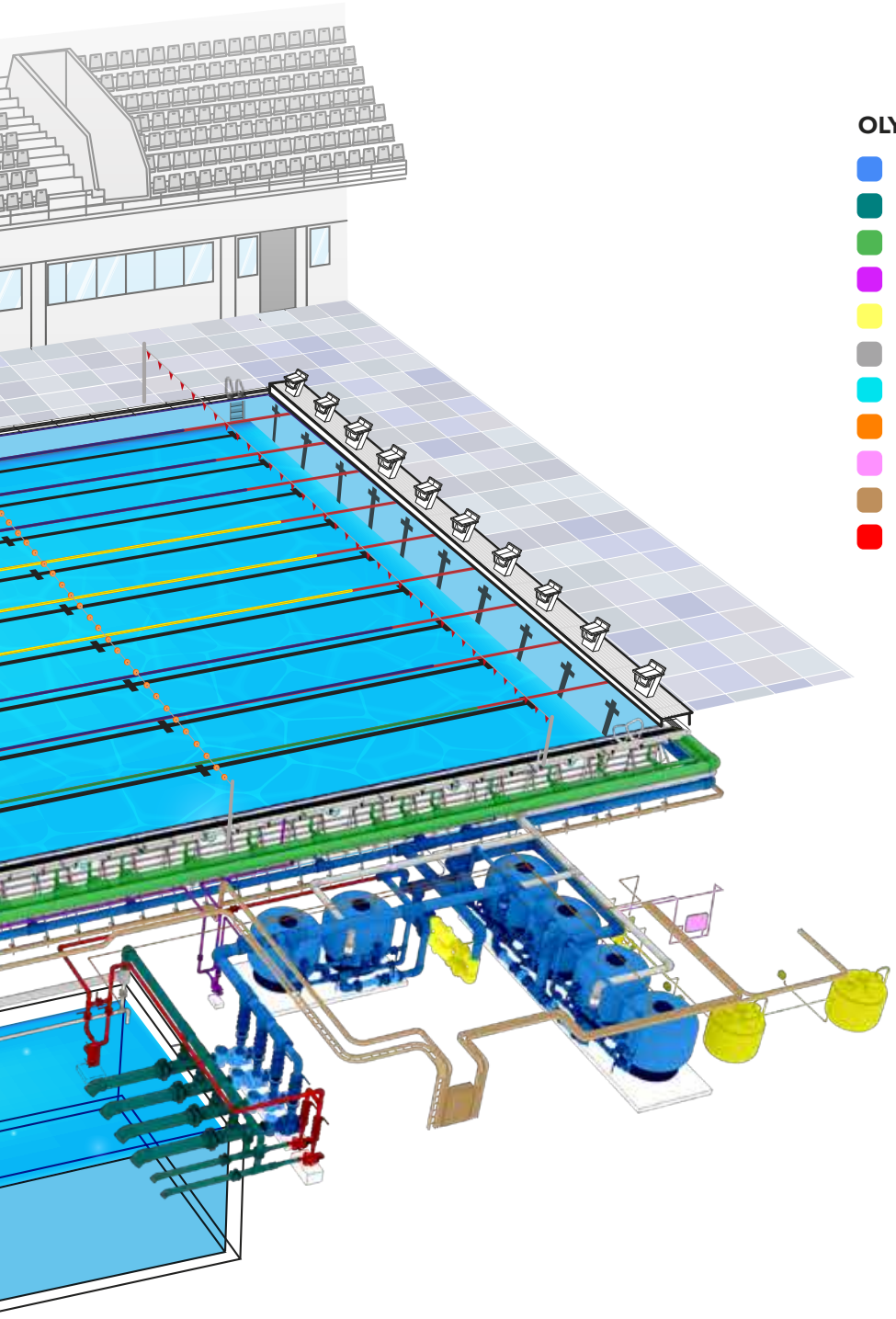
To ensure this approach, R&D+I focuses on three pillars:





General diagram of installation of swimming pool equipment





OLYMPIC SWIMMING POOL LEGEND

- FILTRATION 5YSTEM
- OUTLET 5Y5TEM
- OVERFLOW SYSTEM
- CLEAN OUT SYSTEM
- DISINFECTION 5YSTEM
- SEWER SYSTEM
- WATERSUPPLY 5YSTEM
- RELIEF SYSTEM
- ANALYSIS SYSTEM
- ELECTRICAL 5YSTEM
- HEATING SYSTEM

> PICTOGRAMS

Finding your way around the catalogue

2026 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 pro

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

ZODIAC®

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 22 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'n'Go™
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 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 buitl-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 WIMMING POOLS	Compatible with all types of pools
Sensor Nav System	Optimization of movements and cleaning time depending on the configuration of the pool
Quick Fit	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.


ASTRALPOOL







POOLS 25
WELLNESS 399
FOUNTAINS 517
LAGOONS 617





POOLS

FLUIDRA



ASTRALPOOL CEPEX ZODIAC® ctx pro PISCINE LAGHETTO SR Smith



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 360º 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.

ASTRALPOOL





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POOL SURROUND EQUIPMENT	43	
POOL SHELL EQUIPMENT	69	
BUILDING SOLUTIONS	85	
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POOLS

INTERNET OF POOLS

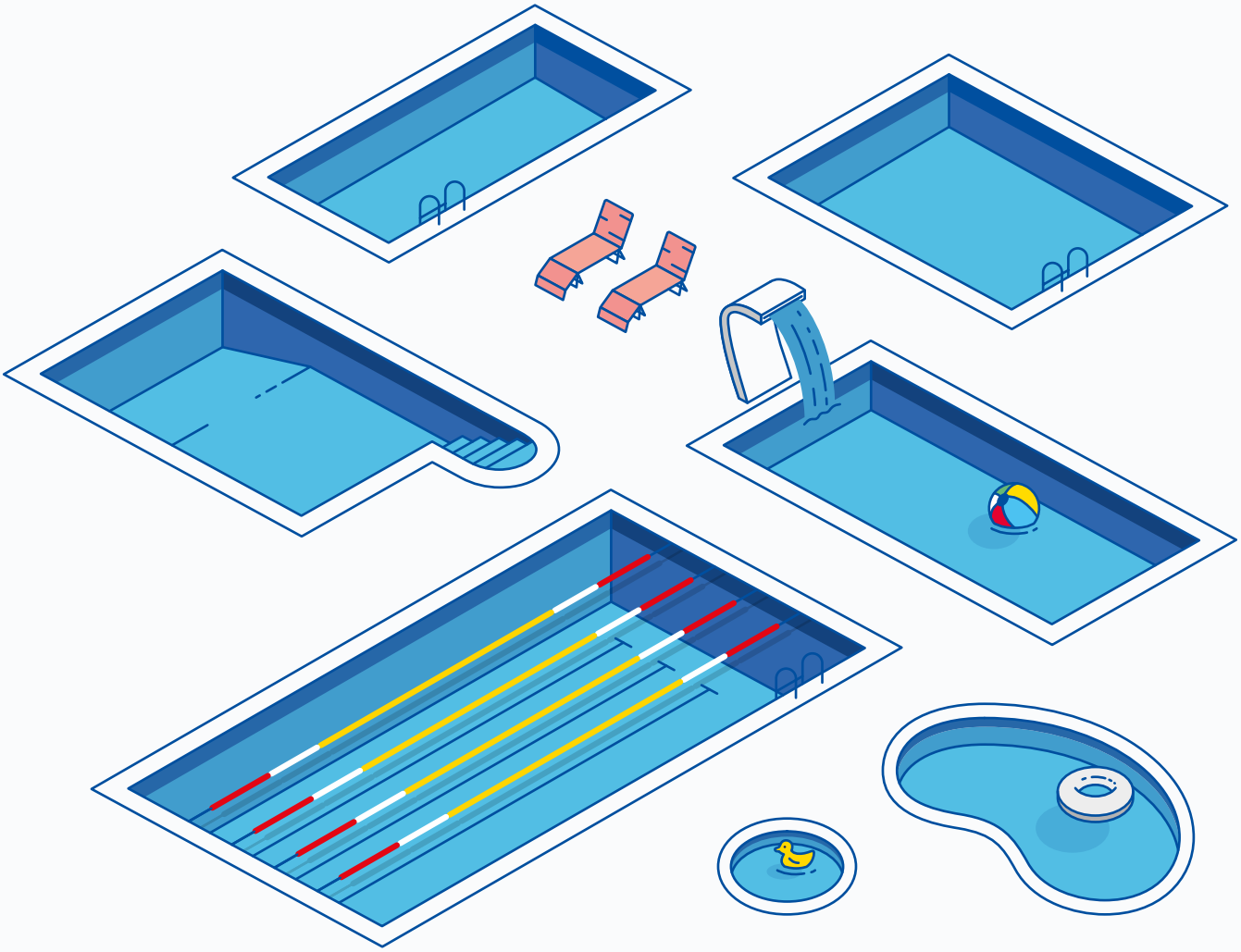
34 CONNECT & GO PRODUCTS FOR PUBLIC SWIMMING POOLS
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39 Connect & Go Commercial CONTROL PUMP CABINET

41 FLUIDRA CONNECT ACCESSORIES
41 Fluidra Connect accessories

ASTRALPOOL

FLUIDRA CONNECT
INTERNET OF POOLS

Smart Commercial Pools



Connectivity for automation and monitoring all types of commercial pools

24/7 Water Quality

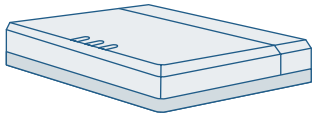
Water quality controlled and monitored thanks to the pool equipments synchronized all together in a smart way. Alarm system for real-time corrective maintenance.

Energy Savings

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

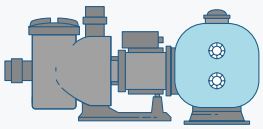
Smart Pool Assistants for all type of pools

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



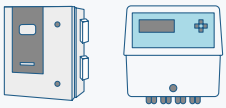
Through the Connect Box from your Connect & Go you will be able to control all types of products, compatible NN as well as the standard ones.

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



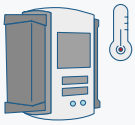
Synchronization with other equipments to generate smart ambient.

Surround & Garden Equipment



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

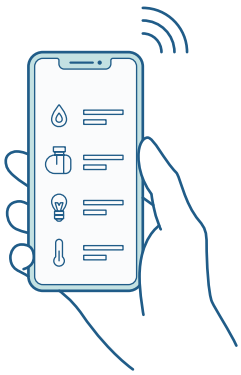
Heating, Cooling and Dehumidification



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





FLUIDRA CONNECT AUTOMATION AND NN PRODUCTS for Commercial Pools

THE FUTURE IS HERE

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

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.

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	235	232	233	236	252





	Automatic Regulation and Control Equipment		Dosing Pumps
	AP PR-200 Compatible Electrolysis	Controller	Acqua Dos pH/ORP
More info on page	250	253	243

POOL LIGHTING

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



	LED Lighting
	RGB lights
More info on page	279

DEHUMIDIFICATION



	Dehumidification
	Airpool
More info on page	347

HEATING



	Heat Pumps
	Power Force inverter
More info on page	356



	Heat Pumps
	Z950 Inverter
More info on page	358

CONNECT & GO PRODUCTS FOR PUBLIC SWIMMING POOLS





MYLO PRO

ASTRALPOOL

NEW 2025

+ 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^3
Mylo Pro	77482	-	-	-



Small Pools (up to 6mX12m)



Medium size Pools (up to 7m X 20 m)



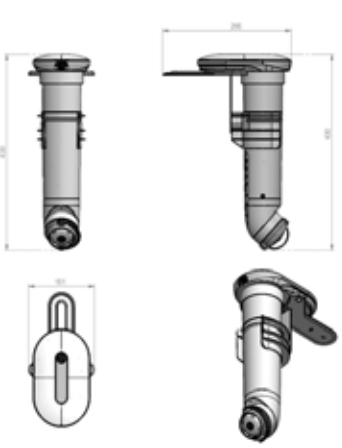
Big size Pools (up to 20m X 25 m)

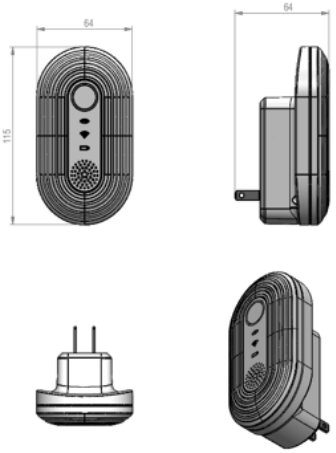


Big size Pools (up to 25 m X 25 m)



Big size Pools (up to 50 m X 25 m)

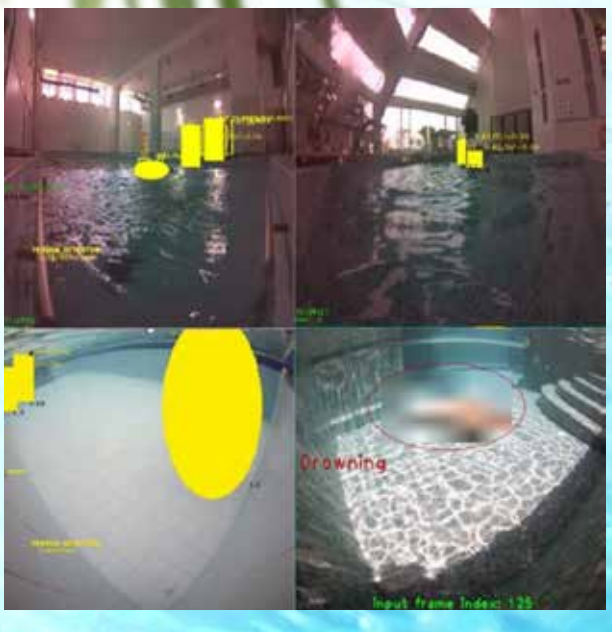




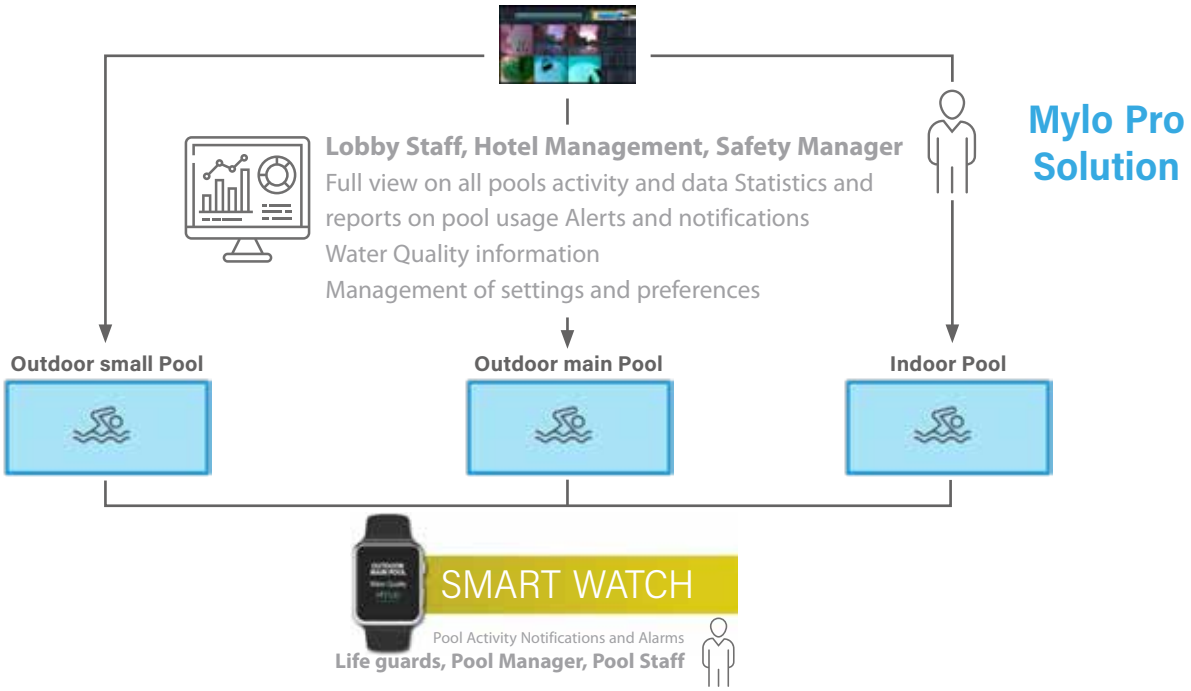
Full privacy mode

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

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



Control Station



Additional solution for rooms with private pools



CONNECT & GO PRODUCTS FOR PUBLIC SWIMMING POOLS



+ **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.**

THE FUTURE IS HERE

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^3
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^3
Direct (1 HP)	72720	1	-	-
Direct (2 HP)	72718	1	-	-
Direct (3 HP)	72719	1	-	-

CONNECT & GO COMMERCIAL

SMART

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 m³
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	-	-

CONNECT & GO VS

CONTROL PUMP CABINET



The Connect & Go VS pre-wired cabinet is a Plug & Play solution Play 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 m³
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	-	

CONNECT & GO COMMERCIAL

CONTROL PUMP CABINET



Control pump devices for commercial pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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





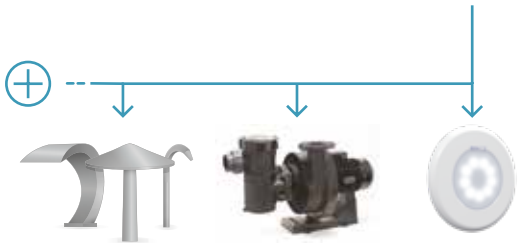
CONNECT & GO
POWER CENTER CABINET



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)

COMPATIBLE NN thing®

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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	-	-
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



For more information, please contact your local Fluidra office.

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%.



POOLS

POOL SURROUND EQUIPMENT

45 POOL ACCESS
45 Ladders Plascoat® Technology model
46 Ladders
47 Exit grab rails
50 Anchoring sockets and handrails
52 Disabled access

54 HANDRAILS
54 Handrails
55 Handrails attachment support

56 LIFE-SAVING
56 Lifeguard chairs
58 Life-saving accessories

59 SHOWERS
59 Showers with timers
59 Shower tunnels
60 Outdoor footbaths

61 GRILLES FOR OVERFLOW

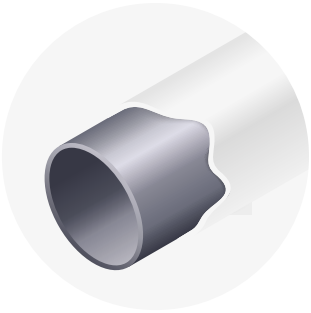
67 COVER SYSTEMS FOR PUBLIC POOLS



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 choose for your pool.

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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.**



SPLIT LADDERS WITH PLASCOAT® TECHNOLOGY

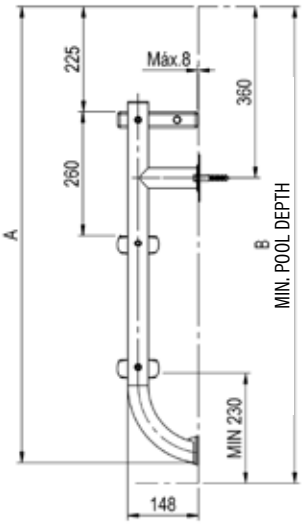
AISI-304L split ladders with Plascoat® coating providing an extra-corrosion protection. Supplied with plates, gaskets, wall plugs and screws.

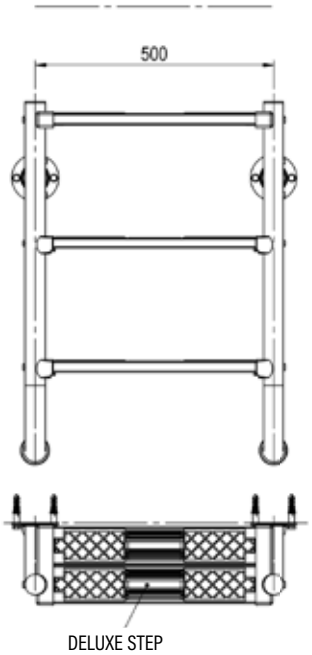
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
2 steps + 1 safety step	76697	1	7.6	0.04
3 steps + 1 safety step	76698	1	9.0	0.05
Kits				
2 steps + 1 safety step + 470 x 800 mm rail	77404	1	15.2	0.12
3 steps + 1 safety step + 470 x 800 mm rail	77405	1	16.6	0.13
2 steps + 1 safety step + 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

Complies with Standards EN 13451-2

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

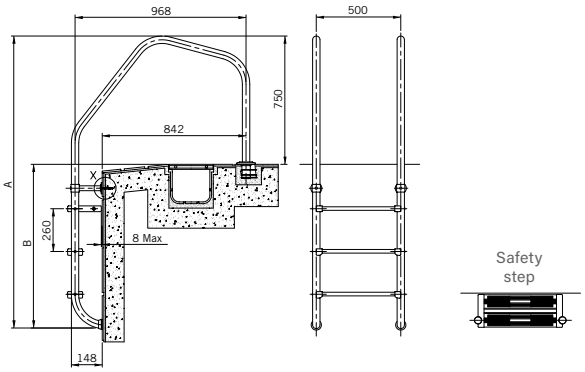


Complies with Standard
EN 13451-1
EN 13451-2

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 m³
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

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

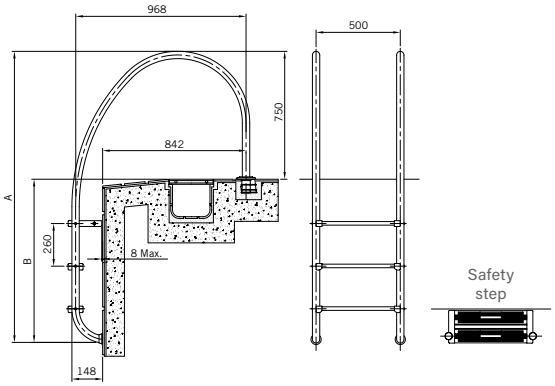


Complies with Standard
EN 13451-1
EN 13451-2

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 m³
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

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

ASTRALPOOL

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^3
Safety step	70662	1	2.05	0.003



Complies with Standard
EN 13451-2

PMR LADDER FOR PUBLIC POOLS

ASTRALPOOL

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^3
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

ASTRALPOOL

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^3
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

ASTRALPOOL

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^3
Attachment by means of fixing plate	05542	1	6.97	0.08





470 X 800 MM MODEL

with rectangular base plate

ASTRALPOOL

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^3
Attachment by means of fixing plate	05543	1	7.6	0.08





CROSSOVER MODEL

with rectangular base plate

ASTRALPOOL

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^3
Attachment by means of fixing plate	05544	1	8.46	0.18





PARALLEL MODEL

ASTRALPOOL

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^3
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 m³
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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

Complies with Standard
EN 13451-1
EN 13451-2

GRAB RAILS, fixed in and out of the water



Polished AINSI-316 stainless steel. Ø 43 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For embedding				
2 units. Length 1,220 mm	00034	1	11.4	0.14
2 units. Length 1,524 mm	00035	1	13.0	0.16
With base plates (gaskets, wall plugs and screws)				
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 m³
For embedding	07780	1	6.7	0.118
With base plates (gaskets, wall plugs and screws)	07781	1	6.7	0.118



ANCHORING SOCKETS

ASTRALPOOL

Made of plastic, with earth connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe.	00042	50	7.0	0.03
For Ø 48 mm pipe.	07661	-	-	-



ARTICULATED ANCHORING SOCKETS

ASTRALPOOL

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 m³
Articulated anchoring socket				
without base plate	00043	1	0.93	0.002
with base plate	08727	1	1.0	0.002



REMOVABLE ANCHORING SOCKET

with base plate

ASTRALPOOL

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 m³
Set of 2 units	07331	1	1.00	0.003



ANCHOR WITH LOCKING BOLTS

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Anchoring sockets	00143	2	1.2	0.003



LADDER FOOT PAD

ASTRALPOOL

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 m³
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

ASTRALPOOL

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 m³
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

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
With fixing plates (including gaskets, screws and wall plugs).	00056	1	2.09	0.01



EQUIPOTENTIAL ANCHOR

ASTRALPOOL

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 m³
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 people

- 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^3
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^3
Splash Chair	53924	1	390	1.789
Additional anchorage Splash	53924R0001	1	-	-



Min. swimming pool depth:
1 m

HYDRAULIC POOL HOIST

ASTRALPOOL

- 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^2.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Fully equipped hoist				
with a 650-mm-long handrail	71657	1	-	-
with a 1000-mm-long handrail	71658	1	-	-
Optional:				
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:
1.5 m

For pools shallower than 1.5 m please ask your dealer.

HYDRAULIC POOL HOIST

ASTRALPOOL

- 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^2.

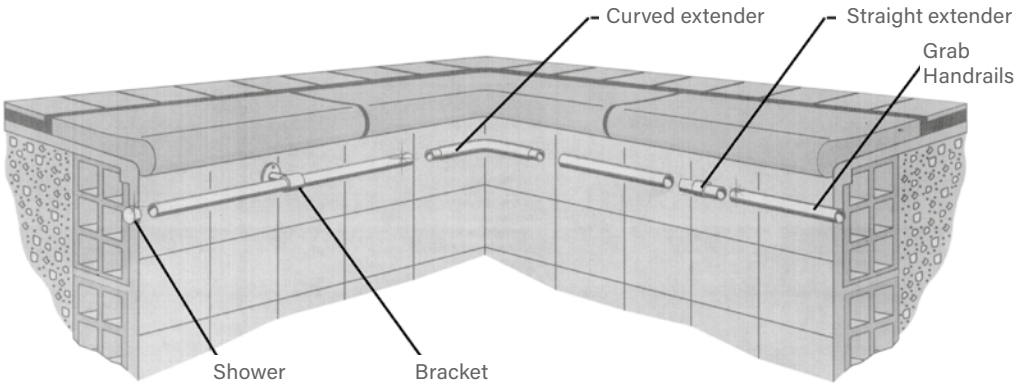
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
L-650 Railings	28619	1	18.7	0.253
L-1000 Railings	28620	1	35.5	0.383
Cylinder	28621	1	13.8	0.042
Accessories	28622	1	18.3	0.178

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.

HANDRAILS





STRAIGHT HANDRAILS

ASTRALPOOL

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 m³
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

ASTRALPOOL

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 m³
Straight handrail connector	09452	1	0.32	0.001



CURVED CONNECTOR

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Curved connector	11286	1	0.3	0.001



END CAPS

ASTRALPOOL

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 m³
End cap	08014	1	0.1	0.001

HANDRAILS

HANDRAILS ATTACHMENT SUPPORT



BRACKET CLOSED AT ONE END

ASTRALPOOL

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^3
Bracket closed at one end	07789	2	0.6	0.002



90° ANGLE HANDRAIL SUPPORT

ASTRALPOOL

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^3
90° Angle handrail support	11143	1	1.17	0.002



ADAPTOR KIT for liner swimming pools

ASTRALPOOL

Made of AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Adaptor kit for liner swimming pools	26172	1	0.3	0.002



SPLIT BRACKET

ASTRALPOOL

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^3
Concrete swimming pool	25342	2	0.72	0.002
Liner swimming pool	28618	2	1.40	0.002



STRAIGHT BRACKET with base plate

ASTRALPOOL

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^3
Straight bracket with base plate	08013	2	0.5	0.002

LIFE-SAVING

LIFEGUARD CHAIRS



LIFEGUARD CHAIR

ASTRALPOOL

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

ASTRALPOOL

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

ASTRALPOOL

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





76 cm chair wheel kit



107 cm and 168 cm chair wheel kit

SENTRY® lifeguard chair

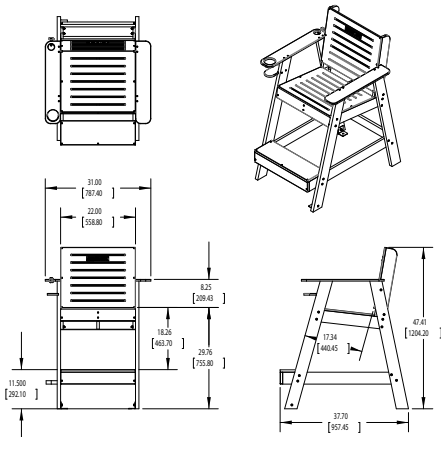
- Sentry™ series constructed from CNC cut HDPE for strength and low maintenance.
- 3 Seat Height options 76 cm, 107 cm, 168 cm.
- 76 cm chair comes with brackets for anchoring to pool deck.
- 107 cm & 168 cm chairs are pre-drilled for concrete anchors.
- 168 cm chair available with additional center 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.

Accessories & Replacement Parts:

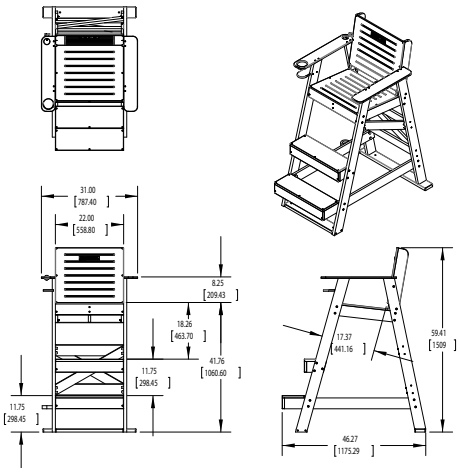
- 13-501 30" chair anchor brackets (included)
- 13-502 30" wheel kit
- 13-503 42" & 66" wheel kit

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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	-

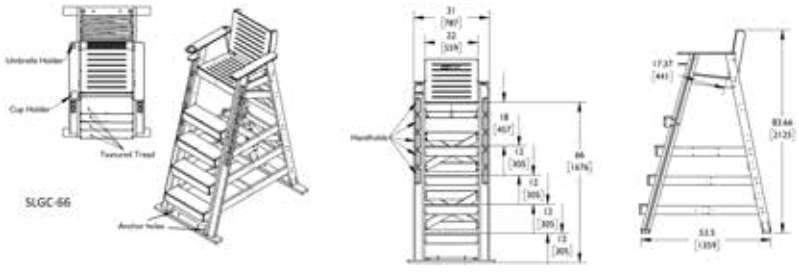
76 cm Sentry Lifeguard chair



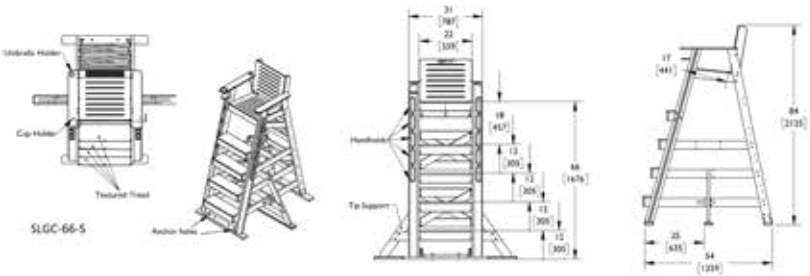
107 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair with center supports



LIFE-SAVING

LIFE-SAVING ACCESSORIES



LIFE SAVING HOOK

ASTRALPOOL

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^3
Life saving hook	01368	1	1.46	0.03



LIFEBUOY

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lifebuoy	01369	6	18.0	0.330



LIFEBUOY HOLDER

ASTRALPOOL

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^3
Lifebuoy holder	01370	1	1.16	0.004



LIFEBELT HOLDER POST

ASTRALPOOL

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^3
Lifebelt holder post	01371	1	3.0	0.01

SHOWERS

SHOWERS WITH TIMERS



SHOWER WITH TIMER and 4 shower heads

ASTRALPOOL

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^3
Shower with timer and 4 shower heads	59779	1	18.7	0.166



SHOWERHEADS



TIMER SWITCHES

SHOWERS

SHOWER TUNNELS



SHOWER TUNNEL WITH ARCH

ASTRALPOOL

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^3
1 Arch				
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

ASTRALPOOL

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^3
Control column	00102	1	7.0	0.02

OUTDOOR FOOTBATHS



FOOTWASH FOR PUBLIC USE

ASTRALPOOL

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^3
Blue colour	21255	1	30.0	0.91
White colour	21255CLO7	1	30.0	0.91



DOSING RECIPIENT

ASTRALPOOL

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^3
Dosing recipient	25356	-	-	-

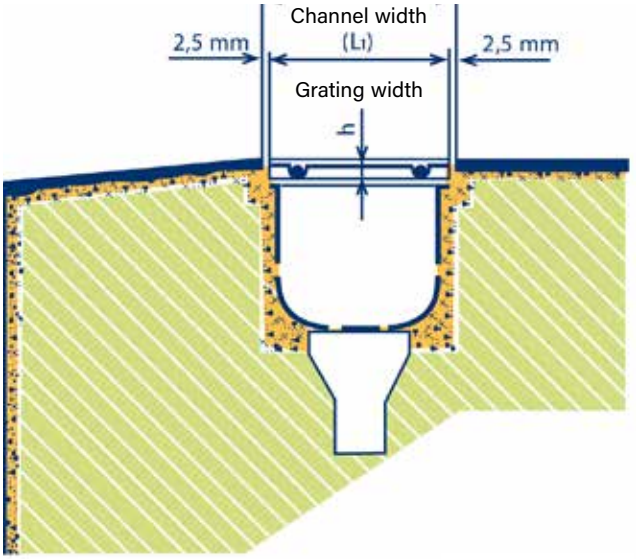
GRILLES FOR OVERFLOW

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.



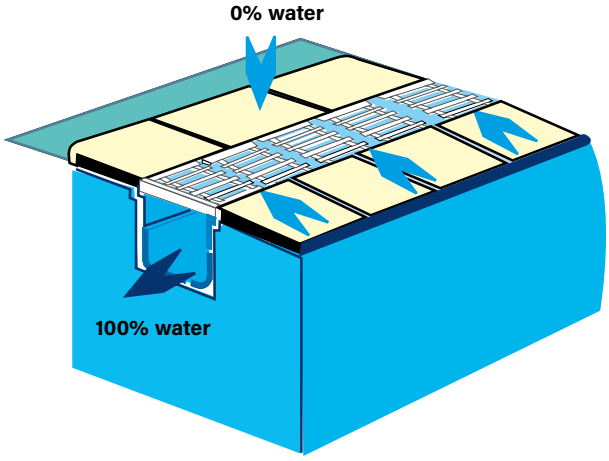
Channel width	Grating width
200	195
250	245
300	295
350	345

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

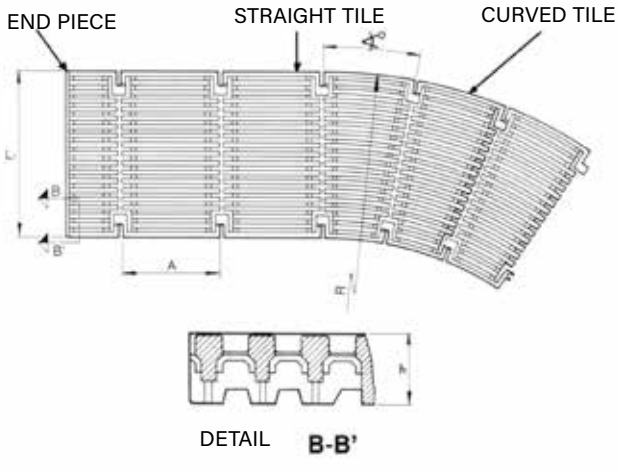
– Longitudinal model h = 24 mm

– 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

GRILLES FOR OVERFLOW

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



LONGITUDINAL GRATING TILE

ASTRALPOOL

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^3
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

ASTRALPOOL

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^3
Height	**L**	**L1**	**Radius**				
24 mm	200 mm	195 mm	1 m	08001	60	17.2	0.079
24 mm	300 mm	295 mm	1 m	08002	32	14.6	0.079
24 mm	250 mm	245 mm	1 m	07565	42	17.2	0.079
24 mm	350 mm	345 mm	1 m	07566	24	13.4	0.079
24 mm	200 mm	195 mm	2 m	05585	48	17.2	0.079
24 mm	250 mm	245 mm	2 m	05586	30	14.2	0.079



END PIECE KIT for parallel grating

ASTRALPOOL

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^3
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



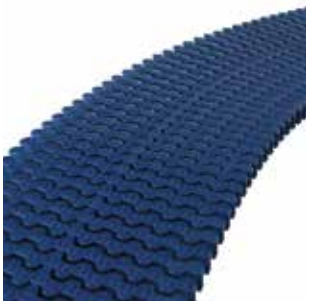
PERIMETER GRATING

ASTRALPOOL

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^3
0.5 m longitudinal grating Height 22 mm Width 195 mm	28664	20	19.9	0.080

GRILLES FOR OVERFLOW





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

MODULAR TRANSVERSAL GRATING

ASTRALPOOL

for curves

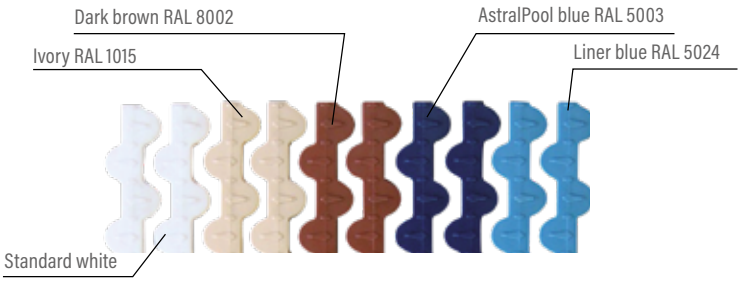
Made of PP stabilized against UV rays. Assembled by fitting the modules together. Available in 5 colours. Other grating colours can be made to order. For further information, please contact your AstralPool dealer.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Modular grating for curves				
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
Reversible modular grating for curves				
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.

TECHNICAL FEATURES

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





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

TRANSVERSAL GRATING FOR CURVES

ASTRALPOOL

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^3
Modular grating for curves				
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
Reversible modular grating for curves				
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

GRILLES FOR OVERFLOW

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



MODULAR TRANSVERSAL GRATING

for curves

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Modular grating for curves				
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
Reversible modular grating for curves				
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

ASTRALPOOL

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 m³
Modular grating for curves				
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
Reversible modular grating for curves				
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

ASTRALPOOL

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 m³
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

ASTRALPOOL

Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Stainless steel plastic coated cable	00214	1000 m	21.0	0.036



AISI-316L STAINLESS STEEL plastic coated cable

ASTRALPOOL

Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
AISI-316L stainless steel plastic coated cable	00215	1000 m	21.0	0.036



CABLE LOCKING PINS

ASTRALPOOL

Made of brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Cable locking pins	00216	100	1.5	0.001



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

TRANSVERSAL GRATING TILE

ASTRALPOOL

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 m³
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



GRATING SUPPORT PROFILE

ASTRALPOOL

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 m³
Grating support profile	00224	25	13.2	0.033

GRILLES FOR OVERFLOW



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

90° CORNER TILES for overflow channels

ASTRALPOOL

Made of white, injection moulded copolymer polypropylene.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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



Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

STAINLESS STEEL longitudinal grating

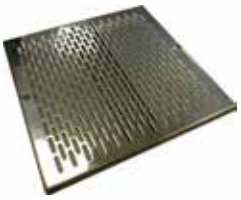
ASTRALPOOL

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.

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





Complies with Standard EN 1345-1:2000

STAINLESS STEEL reinforced grating

ASTRALPOOL

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^3
Reinforced 252 x 252 mm grating	70956	1	-	-
Reinforced 410 x 410 mm grating	70957	1	-	-

COVER SYSTEMS FOR PUBLIC POOLS

POOL COVER SYSTEMS FOR COMMERCIAL POOLS

Customised solutions for outdoor, indoor and hotel pools

With over 40 years of experience, **BAC Pool Systems** specialises in the development, manufacture and installation of pool enclosure systems for public pools. We offer tailor-made solutions that combine **energy efficiency, durability and ease of use**, ensuring maximum comfort and sustainability in every project.

Efficiency and sustainability

Covers that reduce evaporation, maintain temperature and save up to 60% energy, extending the swimming season.

Technology and quality

Covers that reduce evaporation, maintain temperature and save up to 60% energy, extending the swimming season.

Roll-up systems

Manual, electric or automatic options, visible or integrated, adapted to any pool and easy and safe to use.

Proven reliability

Reference projects throughout Europe attest to BAC's reliability and experience in public swimming pool covers.

















POOL SHELL EQUIPMENT

70 CONCRETE POOL

70 Main drains
72 Main drain accessories
73 Main drain grilles
74 ABS Inlets
76 Stainless Steel Inlets

77 LINER AND PREFABRICATED POOL

77 Main drains
80 Main drain accessories
80 Main drain grilles
81 ABS Inlets
83 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.**



56378



56378CL090



56378CL129



56378CL144

NORM MAIN DRAIN

ASTRALPOOL

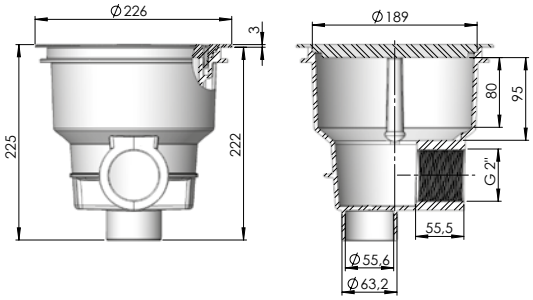
Range of main drains suitable for public and private swimming pools. Supplied with flat or antivortex grilles. Manufactured in ABS with UV treatment, fitted with a 2" side outlet and a 1½" bottom outlet connection, bottom outlet covered by semi-die cut tab. Maximum recommended flow rate down drain: 15 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Flat grating				
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
Antivortex grating				
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



56379
Also available in other colours

Complies with Standards
EN 16582-1
EN 16713-2





MAIN DRAIN WITH SQUARE COVER

in stainless steel. 2" outlet

ASTRALPOOL

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 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00269	1	1.14	0.01

CONCRETE POOL

MAIN DRAINS



NORM MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm

ASTRALPOOL

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 m³/h (0.5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outlet connection to be glued	**Flow rate**				
Ø 75 mm	15 m³/h	20282N	1	8	0.08
Ø 90 mm	23 m³/h	20283N	1	9	0.08
Ø 110 mm	27 m³/h	20284N	1	10	0.08





Optional standard American size and antivortex in standard American size

MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm

ASTRALPOOL

With a gelcoat finish. With optional hydrostatic valve. Maximum recommended flow rate with stainless steel grille: 27 m³/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 37 m³/h (0,5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in stainless steel AISI-316L. Holes < 8 mm					
Outlet connection to be glued	**Flow rate**				
Ø 75 mm	15 m³/h	20282	1	5	0.047
Ø 90 mm	23 m³/h	20283	1	5	0.047
Ø 110 mm	27 m³/h	20284	1	5	0.047
Grille in ABS plastic with protection against UV rays.					
Outlet connection to be glued	**Flow rate**				
Ø 75 mm	15 m³/h	22359	1	4.5	0.034
Ø 90 mm	23 m³/h	22360	1	4.5	0.034
Ø 110 mm	28 m³/h	22361	1	4.5	0.034
Ø 125 mm	37 m³/h	22362	1	4.5	0.034



Optional standard American size

NORM MAIN DRAIN

in polyester and fibreglass - 507 mm x 507 mm

ASTRALPOOL

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 m³/h (0.5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	35 m³/h	20285N	1	16	0.23
Ø 125 mm	47 m³/h	20286N	1	17	0.23
Ø 140 mm	55 m³/h	20287N	1	18	0.23
Ø 160 mm	79,5 m³/h	20288N	1	19	0.23
Ø 200 mm	85 m³/h	20289N	1	20	0.23

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^3/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 86 m^3/h (0,5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grille in AISI-316L stainless steel. Holes < 8 mm					
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	35 m^3/h	20285	1	11.5	0.132
Ø 125 mm	47 m^3/h	20286	1	11.5	0.132
Ø 140 mm	55 m^3/h	20287	1	11.5	0.132
Ø 160 mm	79,5 m^3/h	20288	1	11.5	0.132
Ø 200 mm	85 m^3/h	20289	1	11.5	0.132
Grille in ABS plastic with protection against UV rays.					
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	35 m^3/h	28709	1	11.5	0.132
Ø 125 mm	47 m^3/h	28710	1	11.5	0.132
Ø 140 mm	55 m^3/h	28711	1	11.5	0.132
Ø 160 mm	79,5 m^3/h	28712	1	11.5	0.132
Ø 200 mm	85 m^3/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^3
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^3
21581	24	3.54	0.021

CONCRETE POOL

MAIN DRAIN GRILLES



FLUSH-FIT ANTIVORTEX COVER

ASTRALPOOL

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:	With plastic grille:
-20282	-22359
-20283	-22360
-20284	-22361
	-22362

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

With stainless steel grille:	With plastic grille:
-20285	-28709
-20286	-28710
-20287	-28711
-20288	-28712



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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



DRAIN GRILLE in stainless steel

ASTRALPOOL

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

Complies with Standards
EN 16582-1
EN 16713-2

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AISI-304					
Size (mm)	**Max. recommended flow rate**				
200 x 200	15 m^3/h (0.5 m/s)	00284	1	1.2	0.01
300 x 300	43 m^3/h (0.5 m/s)	00285	1	2.2	0.01
400 x 400	83 m^3/h (0.5 m/s)	00286	1	4.0	0.03
500 x 500	136 m^3/h (0.5 m/s)	00287	1	4.5	0.04
AISI-316					
Size (mm)	**Max. recommended flow rate**				
200 x 200	15 m^3/h (0.5 m/s)	30764	1	1.2	0.01
300 x 300	43 m^3/h (0.5 m/s)	30765	1	2.2	0.01
400 x 400	83 m^3/h (0.5 m/s)	30766	1	4.0	0.03
500 x 500	136 m^3/h (0.5 m/s)	30767	1	4.5	0.04

CONCRETE POOL

ABS INLETS

RETURN INLET/SUCTION NOZZLE

for high flow rates

ASTRALPOOL



Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m³/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m³/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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Return inlet/suction nozzle for large flows and concrete pools	41520	16	4.20	0.021

UNE-EN 16582-1 EN 16713-2

Complies with Standards
EN 16582-1
EN 16713-2

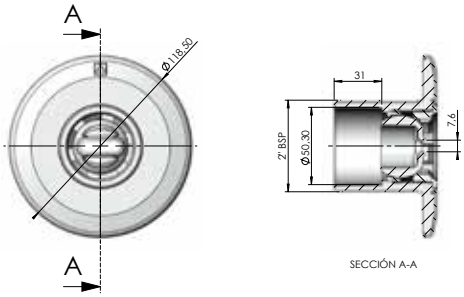
NORM RETURN INLETS

ASTRALPOOL



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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
NORM return inlet for concrete pools	56498	24	4.5	0.020



UNE-EN 16582-1 EN 16713-2

Complies with Standards
EN 16582-1
EN 16713-2

POOL FLOOR RETURN INLET

ASTRALPOOL



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 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outer 2" thread, int. Ø 50 mm				
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

UNE-EN 16582-1 EN 16713-2

Complies with Standards
EN 16582-1
EN 16713-2

CONCRETE POOL

ABS INLETS



3" ADJUSTABLE POOL FLOOR

return inlet

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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

ASTRALPOOL

Swivel body in PVC. Cover in ABS. Adjuster screw in POM. Maximum flow rate of 10 m^3/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^3
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

ASTRALPOOL

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^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00302	12	3.1	0.016

CONCRETE POOL

STAINLESS STEEL INLETS



Complies with Standards
EN 16582-1
EN 16713-2

ADJUSTABLE POOL FLOOR return inlet

ASTRALPOOL

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^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	15839	1	0.9	0.002



Complies with Standards
EN 16582-1
EN 16713-2

ADJUSTABLE RETURN INLET

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Max. flow rate: 21 m^3/h 2" inner thread	00312	12	7.0	0.013
Max. flow rate: 40 m^3/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

ASTRALPOOL


56380


56382CL090


56382


56382CL144


56382CL129

Complies with Standards
EN 16582-1
EN 16713-2

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. Maximum recommended flow rate down drain: 15 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Flat grating with inserts				
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
Flat grating without inserts				
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
Antivortex grating with inserts				
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
Antivortex grating without inserts				
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



Complies with Standards EN 16582-1

Optional standard American size and antivortex in standard American size

NORM MAIN DRAIN IN POLYESTER

and fibreglass - 350 mm x 350 mm

ASTRALPOOL

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 m³/h (0.5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in stainless steel					
Outlet connection to be glued	**Flow rate**				
Ø 75 mm	**15 m³/h**	20074N	1	8	0.08
Ø 90 mm	**23 m³/h**	20075N	1	9	0.08
Ø 110 mm	**27 m³/h**	20290N	1	10	0.08



Optional standard American size and antivortex in standard American size

NORM MAIN DRAIN IN POLYESTER

and fibreglass - 507 mm x 507 mm

ASTRALPOOL

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 m³/h (0.5 m/s).

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in stainless steel					
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	**35 m³/h**	20076N	1	16	0.23
Ø 125 mm	**47 m³/h**	20077N	1	17	0.23
Ø 140 mm	**55 m³/h**	20078N	1	18	0.23
Ø 160 mm	**79.5 m³/h**	20079N	1	19	0.23
Ø 200 mm	**85 m³/h**	20291N	1	20	0.23



MAIN DRAIN IN POLYESTER

and fibreglass - 350 mm x 350 mm

ASTRALPOOL

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 m³/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 37 m³/h (0,5 m/s).



Complies with Standards EN 16582-1

Optional:
Standard American sizes

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in stainless steel					
Ø 75 mm	18 m³/h	20074	1	6.5	0.047
Ø 90 mm	27 m³/h	20075	1	6.5	0.047
Ø 110 mm	33.5 m³/h	20290	1	6.5	0.047
Grille in ABS plastic with protection against UV rays					
Ø 75 mm	15 m³/h	22416	1	6.5	0.047
Ø 90 mm	23 m³/h	22417	1	6.5	0.047
Ø 110 mm	28 m³/h	22418	1	6.5	0.047
Ø 125 mm	37 m³/h	22419	1	6.5	0.047



MAIN DRAIN IN POLYESTER

and fibreglass - 507 mm x 507 mm

ASTRALPOOL

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 m³/h (0,5 m/s). Maximum recommended flow rate with ABS grille: 86 m³/h (0,5 m/s). With optional hydrostatic valve.

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in stainless steel					
Ø 110 mm	42 m³/h	20076	1	1.4	0.132
Ø 125 mm	51 m³/h	20077	1	1.4	0.132
Ø 140 mm	66 m³/h	20078	1	1.4	0.132
Ø 160 mm	95 m³/h	20079	1	1.4	0.132
Ø 200 mm	103 m³/h	20291	1	1.4	0.132
Grille in ABS plastic with protection against UV rays					
Ø 110 mm	42 m³/h	28722	1	1.4	0.132
Ø 125 mm	51 m³/h	28723	1	1.4	0.132
Ø 140 mm	66 m³/h	28724	1	1.4	0.132
Ø 160 mm	95 m³/h	28725	1	1.4	0.132
Ø 200 mm	103 m³/h	28726	1	1.4	0.132

LINER AND PREFABRICATED POOL

MAIN DRAIN ACCESSORIES



HYDROSTATIC VALVE

ASTRALPOOL

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^3
	00277	50	2.63	0.01



DRAINAGE PIPE

ASTRALPOOL

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^3
	21581	24	3.54	0.021

EN 16582-1

Complies with Standards EN 16582-1

LINER AND PREFABRICATED POOL

MAIN DRAIN GRILLES







FLUSH-FIT ANTIVORTEX COVER

ASTRALPOOL

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^3
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

NORM RETURN INLETS


56499


56499CL090


56499CL129


56499CL144

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 m³
For prefabricated/liner pools				
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
For prefabricated pools				
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


00340


00340CL090


00340CL129


00340CL144

Return nozzle. Comes with gaskets, flanges and screws. Adjustable flow rate. Max. flow rate: 12 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
2" outer thread and internal Ø 50 mm				
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
To be glued Ø 63 mm PN 6 outer wall, Ø 50 mm inner				
White	20139	12	5.4	0.021

BCN03 POOL FLOOR RETURN INLET



Complies with Standards
EN 16582-1
EN 16713-2

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 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

LINER AND PREFABRICATED POOL

ABS INLETS



BCN03 ADJUSTABLE POOL FLOOR

return inlet

ASTRALPOOL

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.

CONCRETE + LINER

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

ASTRALPOOL

Made of white ABS. Suction. Comes with gaskets, flanges and screws. Flow rate adjusted by turning the grille. Suction surface area: 0.015 m². Flow rate at 0.4 m/s: 20 m³/h. Max. recommended flow rate: 26 m³/h. (0.5 m/s.).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

ASTRALPOOL

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 m³
Inserts for nozzles	43455-0500	80	-	0.035



RETURN INLET/SUCTION NOZZLE

for high flow rates

ASTRALPOOL

Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m³/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m³/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 m³
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

ASTRALPOOL

PVC body. Maximum flow rate of 7 m³/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 m³
41519	12	4.83	0.021

LINER AND PREFABRICATED POOL

STAINLESS STEEL INLETS



ADJUSTABLE POOL FLOOR

return inlet

ASTRALPOOL

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 m³/h.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
15839	1	0.9	0.002

Complies with Standards
EN 16582-1
EN 16713-2



BUILDING SOLUTIONS

86 MODULAR PANEL POOLS

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98 STAINLESS STEEL ONE-PIECE POOL - INOXPOOL

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100 For pool lining

101 ABOVE-GROUND LINER POOL

101 Mini Pool - Laghetto Playa

104 Temporary Pool - Laghetto Custom

106 LIGHTWEIGHT POLYSTYRENE POOL - EPS

ASTRALPOOL®

PISCINE LAGHETTO®

COMPETITION POOLS AND SPORTS CENTERS: SKYPOOL

ASTRALPOOL

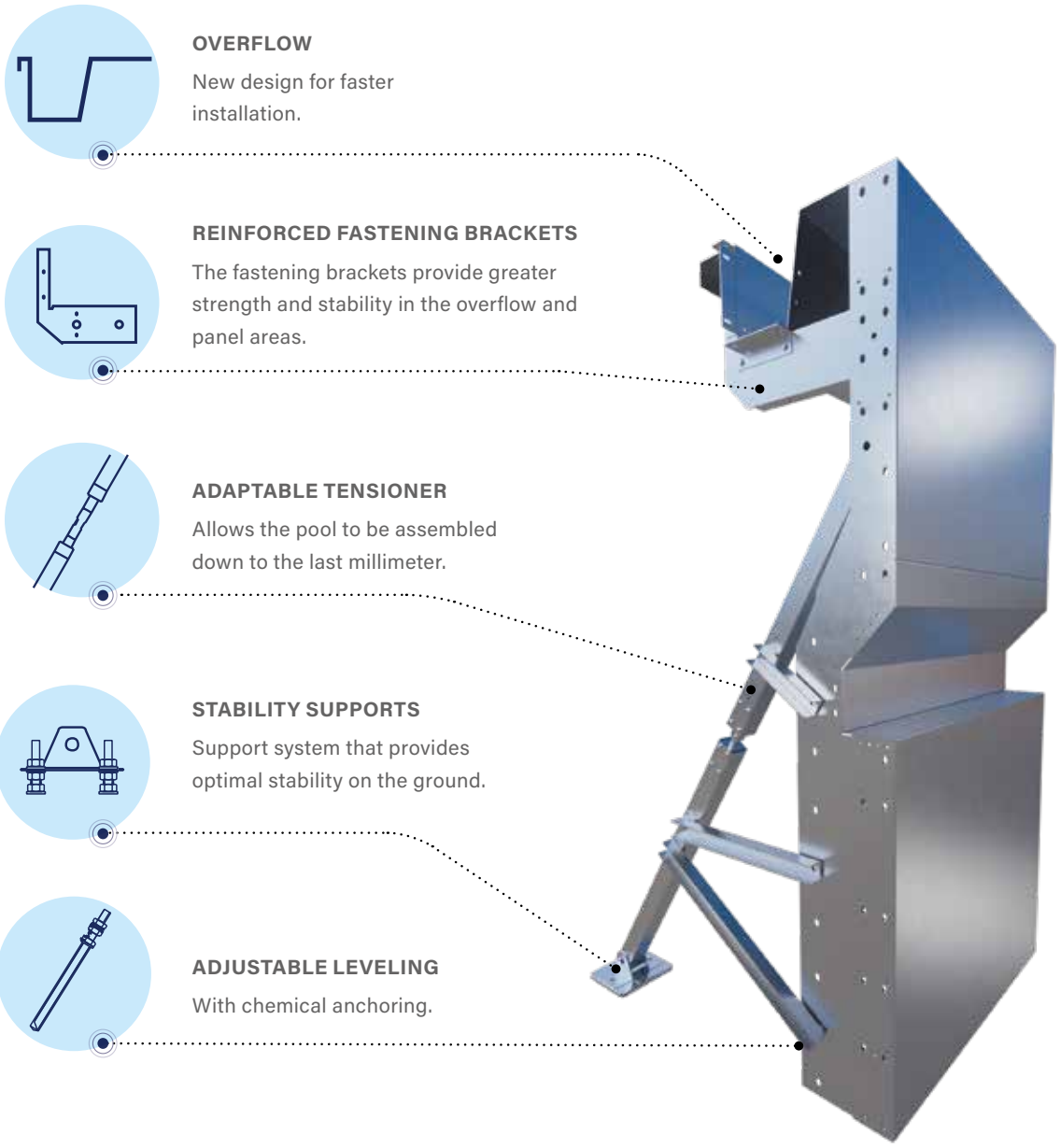
Skypool EGARA: The evolution of Fluidra's panel system.

SkyPool EGARA represents the new generation of Fluidra's prefabricated construction systems, developed in Terrassa, the cradle of our industrial tradition and technological innovation.

Heritage and innovation come together in this solution, which brings together the best of our experience in modular pools and projects it into the future through **sustainable materials, optimized design, and a high capacity to adapt to all types of environments:** from recreational facilities to high-level competition centers.

Each component of the system has been designed to offer **long-term durability, high-quality aesthetic finishes, sustainability in its production, and quick and precise installation.**

The use of innovative **EGA-Steel, a high-quality carbon steel coated with an advanced zinc-aluminum-magnesium alloy,** guarantees superior corrosion protection, even in highly aggressive environments such as pool technical rooms. This state-of-the-art material stands out for its high structural strength, its ability to automatically regenerate its protective layer, and its reliable and durable performance under constant loads and pressures.



OVERFLOW

New design for faster installation.

REINFORCED FASTENING BRACKETS

The fastening brackets provide greater strength and stability in the overflow and panel areas.

ADAPTABLE TENSIONER

Allows the pool to be assembled down to the last millimeter.

STABILITY SUPPORTS

Support system that provides optimal stability on the ground.

ADJUSTABLE LEVELING

With chemical anchoring.

SKYPOOL EGARA

ASTRALPOOL

NEW 2026

SkyPool EGARA consolidates the **evolution of the SkyPool system**, reaffirming our commitment to more efficient and architecturally integrated construction solutions. A system with its own name that honours our history and leads the future of the sector.



MAIN ATTRIBUTES

1. Durability

Skypool Egara is designed to withstand highly corrosive environments such as swimming pool technical rooms. Its EGA-Steel panels with self-repairing coating guarantee maximum structural strength without the need for maintenance, offering reliable and long-lasting performance even in demanding conditions.

2. Aesthetics

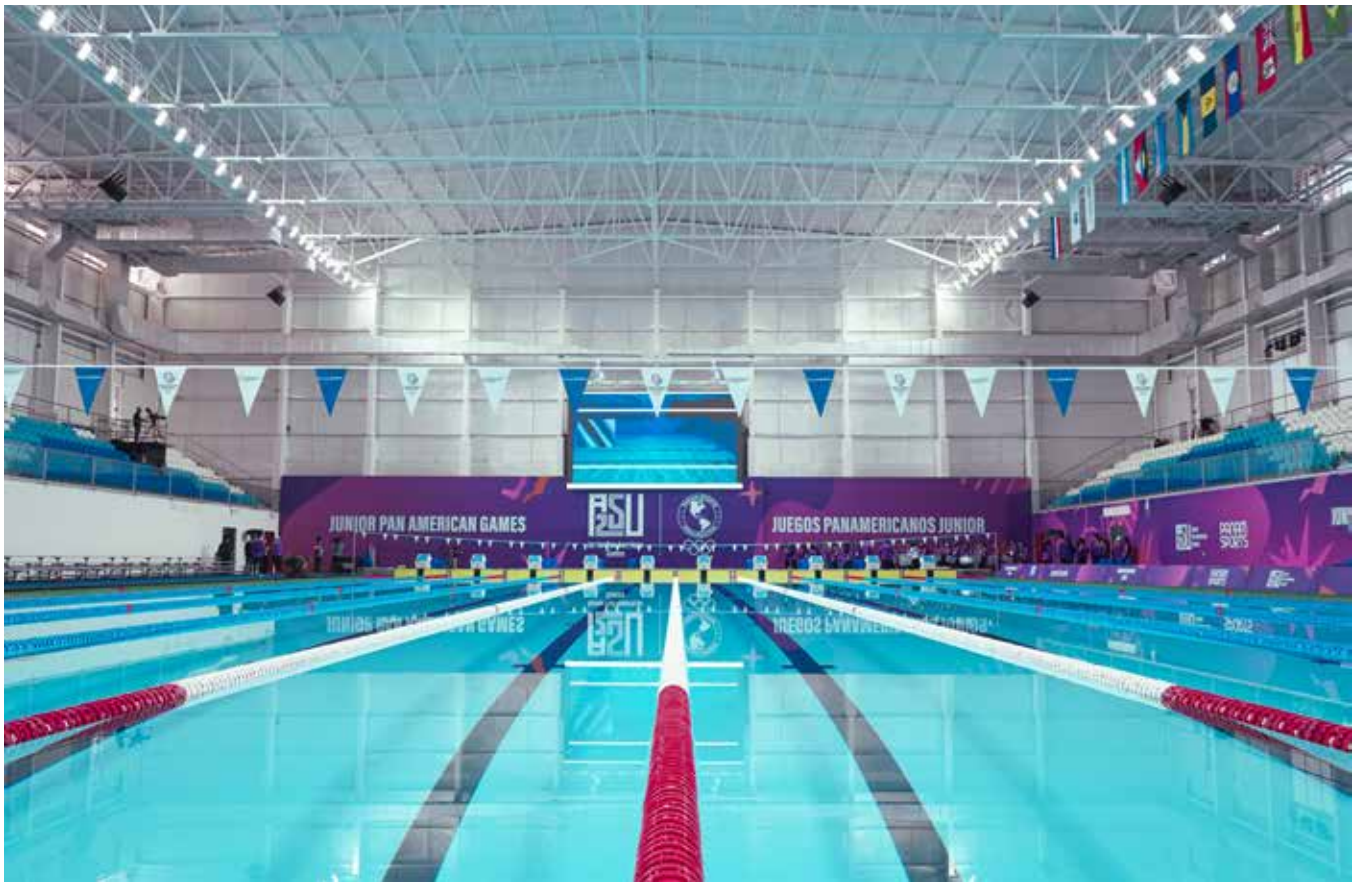
With modern and sophisticated finishes, the system integrates perfectly into any architectural environment: from Olympic swimming pools to high-end hotels. Its lightness and adaptability make it ideal for complex locations such as rooftops or interior spaces, ensuring a uniform and high-quality aesthetic.

3. Sustainability

Manufactured with recycled materials and renewable energy, **Skypool Egara** significantly reduces carbon footprint, water usage and dependence on fossil fuels. It is the ideal choice for projects committed to the environment.

4. Agility

Its design optimises each phase of production and installation, reducing time and resources. **Skypool Egara** allows you to meet tight deadlines without sacrificing quality, making it perfect for events, sports clubs and new constructions.



COMPREHENSIVE SOLUTIONS

Thanks to SkyPool, Fluidra is the undisputed leader in the world of prefabricated steel panel swimming pools. Our flexibility and dynamism, as well as our ability to adapt to the needs and regulations of each market, have led us to build swimming pools in more than 60 countries, making us one of the most internationally renowned companies in the sector.

Competition pools, special mention

A leader in the sports field, SkyPool provides construction solutions for competition pools of different sizes, always in line with World Aquatics requirements.
This panel system is designed to meet the highest standards of quality and performance, making it ideal for official competitions and sports facilities.

Comprehensive solutions

At Fluidra, we have a multidisciplinary team that accompanies the customer through all phases of the project, from the initial concept to the final installation. Our experience and specialised approach allow us to offer a complete, reliable and efficient solution:

- Technical analysis of the project
- Preliminary design studies and cost estimates
- Advice on water treatment
- Manufacturing in our own plant
- Construction management and monitoring
- Installation under the 'Complete Solution' model

World Aquatics



ADVANTAGES OF THE SKYPOOL SYSTEM

The SkyPool system combines advanced engineering, construction precision and operational efficiency to offer high-performance solutions for any type of aquatic project.

Its modular design, state-of-the-art materials and optimised installation process guarantee accurate, watertight and durable results, with minimal maintenance and great versatility of application.

These advantages make SkyPool Egara a benchmark for reliability, sustainability and quality in the prefabricated swimming pool sector.

1. Precision

The technology used in the construction of swimming pools with SkyPool panels ensures precision and accuracy that meet the requirements of World Aquatics regulations.The tensioning system allows for quick and precise levelling and angle adjustment, ensuring a perfectly aligned and stable installation.

2. Watertightness

The high-precision assembly of the panels, combined with the reinforced PVC-P liner, guarantees the total watertightness of the pool. This flexible system adapts to ground movements, structural settlements and filling and emptying cycles, maintaining watertightness over time without the need for maintenance.

3. Finishes

The reinforced PVC-P coating provides comprehensive protection against chlorinated water, UV rays and atmospheric agents, ensuring a long service life and impeccable aesthetics. Its elasticity facilitates adaptation to possible structural movements, and its wide range of finishes and colours allows the pool to be integrated into any architectural environment, from sports facilities to luxury spaces.

4. Agility

SkyPool's modular design and manufacturing precision significantly reduce installation times compared to a traditional concrete pool. Efficiency in production and assembly translates into less impact on the construction site, strict compliance with deadlines and optimisation of the total costs of the project.

5. Maintenance

The system's accessible design facilitates quick access to all components of the installation, simplifying inspection, repair and maintenance tasks. This accessibility translates into shorter downtime and a significant reduction in operating costs throughout the pool's lifetime.

6. Safety

SkyPool allows for the construction of pools that are resistant to seismic movements thanks to its self-supporting panels and chemical anchors designed in accordance with the specific structural calculations for each project. This feature guarantees maximum safety even in areas with high seismic activity. Available on request.

SkyPool warranty

All our pools are certified and guaranteed for 30 years. Their materials comply with EU standards.

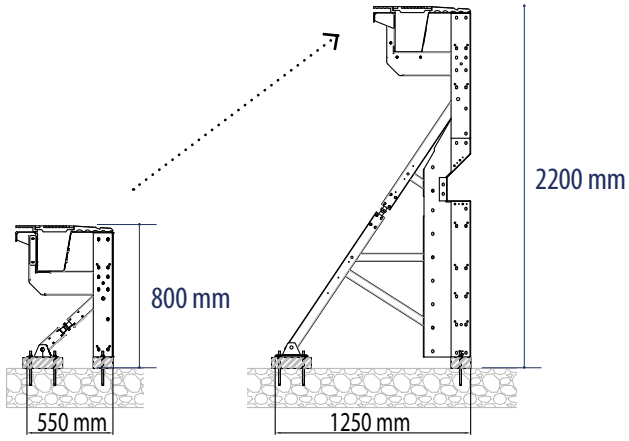
Our quality management system is certified according to UNE-EN ISO 9001:2015.



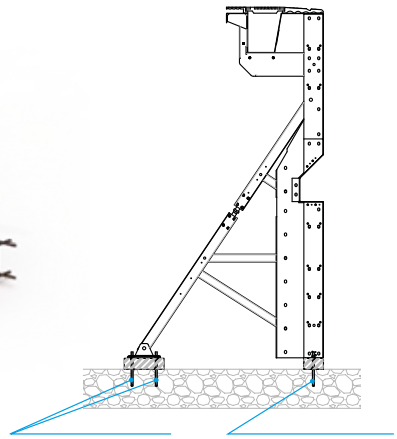
MODULAR PANEL POOLS

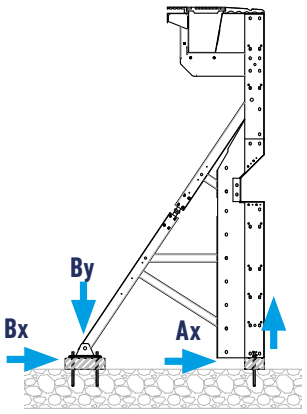
SKYPOOL EGARA





From 0,8 m to 2,2 m





Tension on the plate

Skypool Egara is suitable for solutions with panels up to 2.2 m high and seismic acceleration up to 0.16 g.

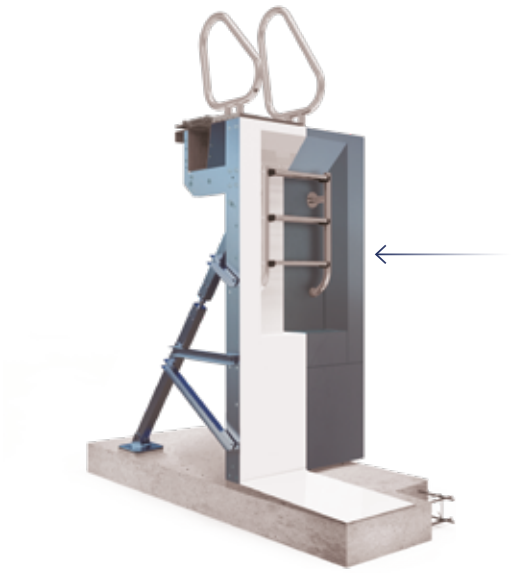
GENERAL SPECIFICATIONS

Panel		Height (m)	0,8	1,0	1,2	1,4	1,5	1,6	1,8	2,0	2,2
		Width (m)	1.0m standard measurement (special measurements available on request)								
Panel weight		(kg)	60	70	80	90	101	110	120	130	140
Tensioner			M20				M24		M30		M40
Panel anchors		Chemical type	M12								
Reinforcement anchor		Chemical type	M12							M16	
Panel connection 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
In 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

Materials and finishes	
Panel material	Panel material Carbon steel in accordance with standard UNE EN 10346
Panel finishes	Coated with a zinc, aluminium and magnesium alloy
Waterproofing	Reinforced PVC liner
Ceramic finish	Several options available

* The hydrostatic load of the water level and variable loads have been taken into account in accordance with standard UNE-EN-ISO 13451-1 on swimming pool equipment.

SKYPOOL EGARA - Specific panel types



STEP PANELS

Panels with built-in stairs that comply with World Aquatics standards. Supplied with split stairs, anchors and asymmetrical handrails to facilitate swimmers' exit.



SWIMMER FOOTHOLD PANEL

Step built into the wall at a depth of 1.2 m for swimmers to rest.



GLASS SIGHT PANEL

Glass windows for underwater viewing by coaches and physiotherapists in high-performance competition and rehabilitation centres.



WITHOUT CERAMICS PANEL

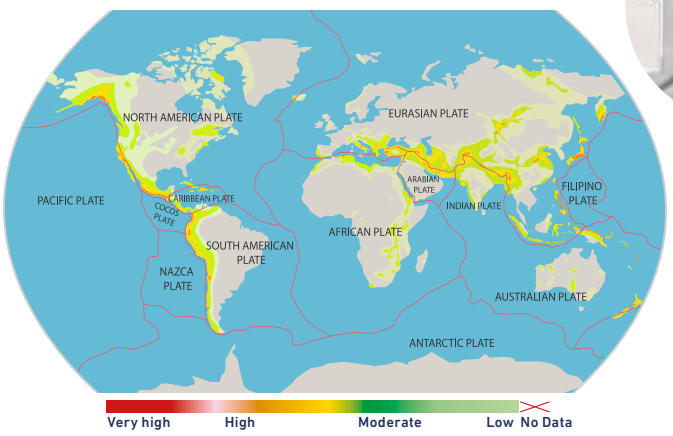
Panel specially designed so that no front ceramic piece is required.

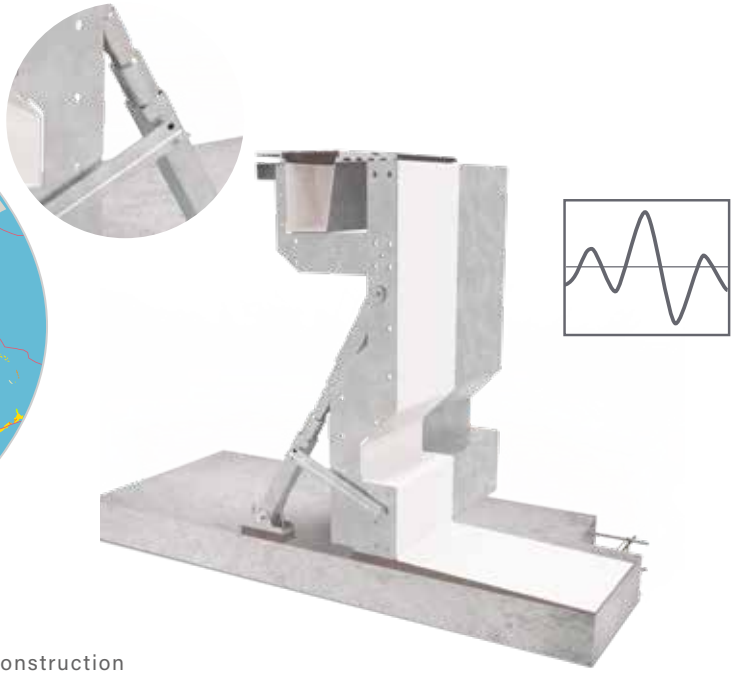
MODULAR PANEL POOLS

SKYPOOL - Other solutions

For projects requiring greater heights or superior seismic conditions, Fluidra offers the SkyPool system in galvanised steel.

These panel models continue to offer the advantages of a modular, precise and durable structure, adapting to specific needs such as renovations, competition pools or installations in areas with high seismic activity.

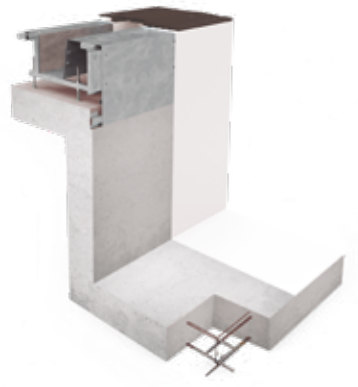




SEISMIC PANEL*

The Seismic Panel is designed to comply with seismic construction regulations, ensuring structural stability in the event of large-scale movements.

Its system, based on seamless panels and chemical anchors fixed to a pre-cast concrete slab, offers maximum safety and durability. Each model is calculated in accordance with the seismic regulations applicable in the country of installation, ensuring optimal performance in any environment.



RENOVATION PANEL*

The Renovation Panel is the ideal solution for remodelling existing swimming pools and adapting them to current regulations, extending their useful life in an efficient and sustainable manner.
Installation is quick and does not require demolition of the entire pool: simply replace the coping and incorporate a new overflow channel.
Made of galvanised steel, this system allows for finishes with or without ceramic tiles and incorporates built-in drainage outlets. A practical, precise and economical solution for updating and optimising any installation.



HIGH PANEL*

Self-supporting galvanised steel panel suitable for pools up to 5 m deep.

It has a robust metal lattice structure, anchored both to the concrete slab and to the perimeter pool deck.

*These panels are available in galvanized steel.

WATERPROOFING OF THE POOL with a reinforced PVC-P liner

ASTRALPOOL

The pool is waterproofed by covering 100% of the pool basin —walls, floor and overflow channel— with a reinforced PVC-P (plasticised polyvinyl chloride) liner, which offers great malleability, high tear resistance, ease of welding, stability against UV rays and a wide range of colours.

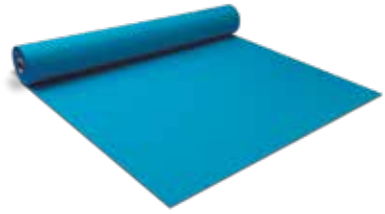
The joints are heat-sealed, ensuring a continuous, durable and completely watertight bond.







Roll-2000-White



Roll-2000-Adriatic Blue

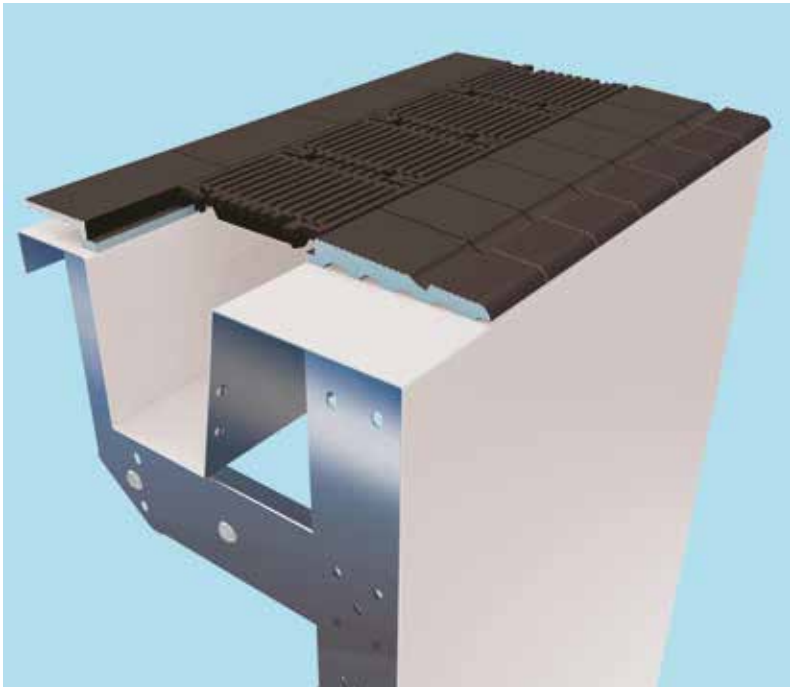


Roll-2000-Light grey

COPING FINISHES

ASTRALPOOL

The SkyPool system pools are finished with porcelain stoneware, providing elegance, resistance and a uniform finish that enhances the architectural integration of the complex.





035 White + 216 White



035 Lead + 216 Lead



616 Pietro Golden + 010 Pietro Golden



616 Pietro Gray + 010 Pietro Gray

SPACE-SAVING: LAGHETTO BLUESPRING

PISCINE LAGHETTO

Bluespring: the space-saving infinity pool

Bluespring is Fluidra's space-saving solution for building exclusive infinity pools, designed to blend in with their surroundings and offer an aesthetic of infinite lines. Its structure combines passivated galvanised steel panels with exclusive ZMSV-TEC treatment, together with stainless steel anchors and components, ensuring maximum durability and resistance.

Thanks to its modular system, Bluespring adapts to all types of architectural projects: in-ground, semi-inground or above-ground, even on complex terrain or terraces. In addition, its perimeter overflow incorporates a wide overflow channel that eliminates the need for an external compensation tank, optimising space and reducing construction costs.



COMPREHENSIVE SOLUTIONS

PISCINE LAGHETTO



At Fluidra, we accompany the customer through every phase of the project:

- **+ Technical analysis and personalised advice**
- **+ Feasibility study and preliminary design**
- **+ Manufacturing in our own plant with total quality control**
- **+ Turnkey installation**
- **+ Technical assistance and preventive maintenance**



MODULAR PANEL POOLS

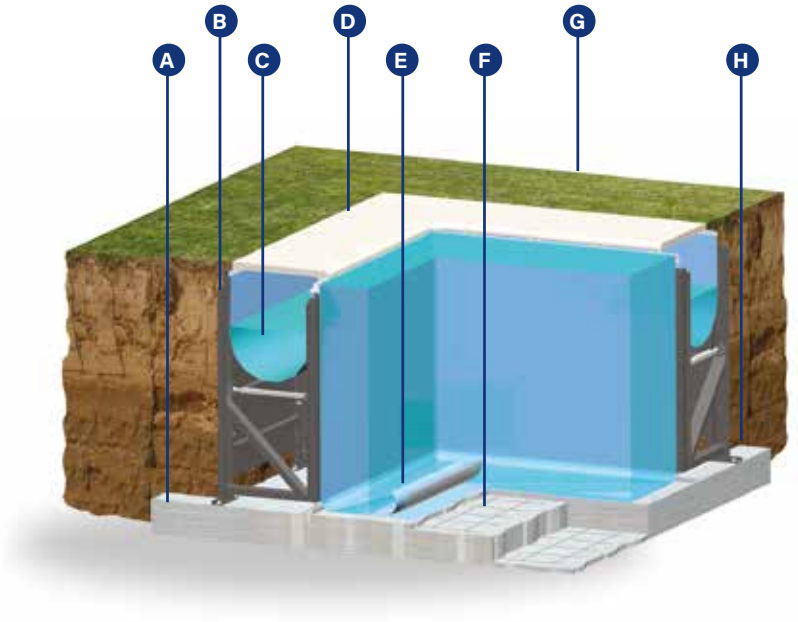
POOL WITHOUT EXTERNAL COMPENSATION TANK

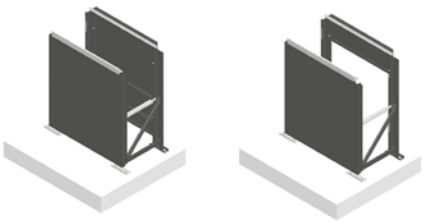
PISCINE LAGHETTO

Bluespring pools stand out for their independent structure (with the compensation tank included in the walls of the modular panels), which can be installed in any architectural context: in-ground, semi-inground or above-ground. Thanks to their adjustable feet and double-wall design, they guarantee a perfect overflow level around the entire perimeter, even in the event of ground settlement.

The system reduces assembly times, minimises the impact of the work and allows the incorporation of accessories such as LED lighting, counter-current or hydromassage, while maintaining the infinity aesthetic and high performance.

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

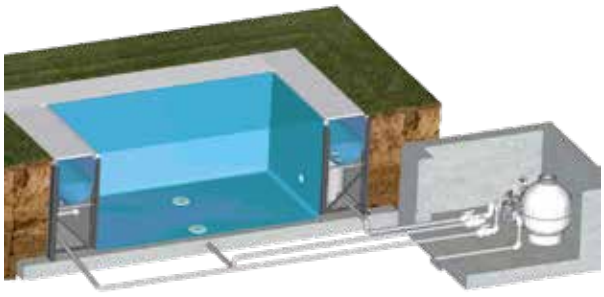




ZMSV-TEC

Key features:

- **ZMSV-TEC passivated galvanised steel structure**
- **Stainless steel components and anchors**
- **Self-supporting system with adjustable feet**
- **Versatile installation: in-ground, semi-buried or above-ground.**
- **Integrated overflow channel, without external compensation tank**
- **Fully integrated drainage system**



MODULAR PANEL POOLS

BLUESPRING ADVANTAGES

PISCINE LAGHETTO

- + Exclusive infinity aesthetic
- + Maximum durability and structural strength
- + Quick installation and adaptable to any environment
- + Space and cost savings by eliminating the need for a compensation tank
- + Easy maintenance thanks to its accessible structure



TECHNICAL SPECIFICATIONS

PISCINE LAGHETTO

GENERAL SPECIFICATIONS	
Code	On request
Material	Passivated galvanised steel ZMSV-TEC + stainless steel components
Panel height	130 and 152 cm
Installation	Underground, semi-underground or above ground; adjustable feet for levelling
Waterproofing	High-strength reinforced membrane
Overflow channel	Integrated, eliminates the need for an external compensation tank
Surface finish	Laghetto ZMSV-TEC protective coating; porcelain stoneware coping
Applicable standards	Complies with European safety and quality standards (EN and ISO)



SELF-SUPPORTING INOXPOOL

ASTRALPOOL

PROFESSIONAL ADVICE RECOMMENDED

Inoxpool: the ultimate construction system for customised spaces.

Inoxpool is Fluidra's premium solution for the construction of customised swimming pools in AISI-316L satin-finish stainless steel, a highly durable, corrosion-resistant material with exceptional hygienic properties. The structure consists of stainless steel panels supported by vertical tubular structures and horizontal rings, also made of stainless steel, capable of withstanding all the pressure exerted by the water, without the need for auxiliary supports.

Thanks to its modular design, the components are prefabricated at our facilities, guaranteeing precision and quality, and are assembled on site with continuous welding to ensure watertightness and resistance. This system allows pools to be built in a single structure or in modules, adapting to both new constructions and renovations of existing pools.



INOXPOOL ADVANTAGES

ASTRALPOOL

At Fluidra, we accompany our customers throughout all phases of the project:

+ Technical analysis and personalised advice
+ Feasibility study and preliminary design
+ Manufacturing at our own plant with total quality control
+ Turnkey installation
+ Technical assistance and preventive maintenance

- High-end aesthetics
- Extreme durability
- Hygienic and easy to clean
- Quick and versatile installation
- Minimal maintenance



SELF-SUPPORTING POOL

ASTRALPOOL

Inoxpool freestanding pools stand out for being independent structures that can be installed both above ground and elevated, even on rooftops, thanks to their lightness and strength. The system reduces assembly times, minimises the impact of the work and allows for the incorporation of elements such as overflows, skimmers, ladders, hydromassage or integrated lighting, while maintaining a modern aesthetic and high performance.

The Inoxpool self-supporting pool is an independent structure designed to be installed without construction work or permanent external supports. Made entirely of AISI-316L satin stainless steel, it maintains its shape and stability even when filled with water.



Key features:

- AISI-316L satin stainless steel
- 2 mm thickness
- Includes pre-installation of plumbing
- Installation without construction work

STAINLESS STEEL ONE-PIECE POOL - INOXPOOL

SELF-SUPPORTING POOL SPECIFICATIONS

ASTRALPOOL

TECHNICAL SPECIFICATIONS	
Code	On request
Material	AISI-316L satin stainless steel
Panel thickness	2 mm
Maximum height	According to project
Installation	No civil works required, on level surface
Waterproofing	Inherent to stainless steel, no liner
Hydraulic pre-installation	Included
Surface finish	Satin and non-slip flooring certified to DIN 51097:1992 class C
Typical wall thickness	2 mm (greater in special projects according to technical calculations)
Applicable standards	Complies with UNE-EN 13451-1, EN 1993-1-4 and welding standard UNE-EN ISO

STAINLESS STEEL PANEL COATING

ASTRALPOOL

The Inoxpool panel coating solution allows existing pools to be transformed with a quick, elegant and durable upgrade. Thanks to its satin stainless steel finish, the pool takes on a sophisticated and timeless look.



COATING SPEFICATIONS

ASTRALPOOL

TECHNICAL SPECIFICATIONS	
Parameter	Detail
Material	AISI-316L satin stainless steel
Panel thickness	2 mm
Application	Existing swimming pools
Waterproofing	Intrinsic to stainless steel
Installation time	Quick (depending on dimensions)

ABOVE-GROUND LINER POOL

MINI POOL - LAGHETTO PLAYA

Laghetto Playa: the Italian water lounge.

Laghetto Playa is Fluidra's above-ground mini pool that combines Italian design with Laghetto's structural technology. Designed to offer well-being and style both indoors and outdoors, Playa transforms any space into an authentic water lounge. Its modular and lightweight design allows it to be easily installed even on terraces or attics, without the need for construction work, and it can be filled in just two hours.
Manufactured with a galvanised steel and stainless steel structure with an epoxy coating, Playa guarantees maximum durability and resistance over time. The pool is lined with a high-strength polyester and polymer liner, treated to resist UV rays and ageing, ensuring a long service life and an impeccable finish.
The exterior panels, made of hand-woven synthetic fibre on an aluminium structure, provide an elegant and contemporary finish available in three colours: Laghetto White, Grey and Coffee.
The padded surfaces are covered with Sky nautical fabric (available in Natural, Water, Brown or Grey), which is water-resistant and weatherproof, ensuring maximum comfort and durability.

Recommended use:
Laghetto Playa is designed exclusively for private areas — such as suites, apartments, residential terraces or private villas — and is not intended for public or intensive use.



COMPREHENSIVE SOLUTIONS



At Fluidra, we accompany the customer through all phases of the project:

- **+ Personalised technical and aesthetic advice**
- **+ Design and feasibility study**
- **+ Manufacturing in our own plant under total quality control**
- **+ Turnkey installation in any environment**
- **+ After-sales service, maintenance and specialised technical support**



ABOVE-GROUND LINER POOL

KEY FEATURES

PISCINE LAGHETTO

- Galvanised steel and stainless steel structure with epoxy coating
- High-strength polyester and polymer inner liner
- Hand-woven synthetic fibre outer panels on aluminium frame
- Exclusive Laghetto water filtration and treatment system
- Integrated high-brightness LED spotlight
- Quick and easy installation, even on terraces
- Versions available with air massage (bubbles) and water heating
- Suitable for private use only



LAGHETTO PLAYA ADVANTAGES

1. Italian design with exclusive lounge style
2. Installation without construction, ready in a few hours
3. Ideal for suites, terraces, and residential spaces
4. High durability thanks to its premium structural materials
5. Customisable in colours and finishes



ABOVE-GROUND LINER POOL

TECHNICAL SPECIFICATIONS – PLAYA / PLAYA LIVING

PISCINE LAGHETTO

- Available models: Beach 1 – Beach 2 – Beach 3
- Installation: Elevated, modular, indoor or outdoor
- Structure: Galvanised steel and stainless steel with epoxy coating
- Liner: High-strength polyester and polymer
- Exterior panels: Braided synthetic fibre (Laghetto White, Grey, Coffee)
- Upholstery: Sky nautical fabric (Natural, Water, Brown, Grey)
- Equipment: Laghetto filtration, LED spotlight, cushions and panels
- Options: Water heating, air massage with bubbles, protective cover
- Total height: 70 cm – Water height: 55 cm
- Versions: Mini pool / Bubbles only / With heating and bubbles
- Warranty: 5 years (structure and liner) – 2 years (accessories)
- Use: For private areas only (not suitable for public or intensive use)

TECHNICAL SPECIFICATIONS

Models	Code	Interior dimensions (m)	External dimensions (m)	Water depth (cm)	Total height (cm)	Volume (l)	Recommended use
Playa 1	On request	1,40 × 1,80	2,20 × 2,20	55	70	1.200	Small suites, compact terraces, interiors
Playa 2	On request	2,40 × 1,80	3,20 × 2,20	55	70	2.000	Apartments with terraces or small gardens
Playa 3	On request	3,40 × 1,80	4,20 × 2,20	55	70	3.000	Private villas, spacious penthouses, wellness areas



TEMPORARY POOL - LAGHETTO CUSTOM

PISCINE LAGHETTO

The professional pool ready in hours.

Laghetto Custom is Fluidra's professional solution for the construction of large above-ground pools, designed for unique events and projects that require maximum speed of installation, durability and technical performance. In just a few hours, you can have a fully operational pool, with the guarantee of internationally recognised Piscine Laghetto technology.

Its structure is made of double-coated galvanised steel tubes, designed to withstand the most demanding uses. The panels are assembled intuitively, with the number of tubes varying according to the size of the pool.

The Laghetto liner, made of 1,000 g/m PVC-coated Trevira fabric with anti-UV treatment, offers exceptional mechanical resistance and longevity.

Each model incorporates exclusive support plates that guarantee stability on any surface, facilitating quick and safe installation.

The safety ladder, made of galvanised steel, stainless steel and high-strength plastics, combines robustness and maximum protection for children.

The Laghetto skimmer system, wall-mounted with a floating head and 360° suction, ensures a higher level of cleanliness than traditional systems.



COMPREHENSIVE SOLUTIONS

PISCINE LAGHETTO

PROFESSIONAL ADVICE RECOMMENDED

At Fluidra, we accompany the customer through all phases of the project:

- **+ Technical analysis and personalised advice**
- **+ Feasibility study and preliminary design**
- **+ Manufacturing in our own plant with total quality control**
- **+ Turnkey installation**
- **+ Technical assistance and preventive maintenance**



ABOVE-GROUND LINER POOL

KEY FEATURES

- Galvanised steel tube structure with powder coating
- Exclusive Laghetto polyester liner with highly waterproof PVC coating
- Long-lasting anti-UV treatment
- White support plates for stability and easy installation
- Heavy-duty safety ladder (galvanised, stainless steel, technical plastics)
- Laghetto skimmer with 360° suction and integrated pre-filter
- Quick and versatile installation: ideal for events and temporary projects

LAGHETTO CUSTOM ADVANTAGES

1. Professional above-ground pool ready in hours
2. Exceptional durability and resistance
3. Safe and stable installation on any surface
4. Maximum cleanliness thanks to the exclusive skimmer
5. Solution adaptable to multiple environments and sizes

TECHNICAL SPECIFICATIONS – CUSTOM

- Installation: Above-ground, ideal for events
- Product: Hydrostatic structure pool
- Structure: Galvanised steel tubes with powder coating
- Liner: PVC-coated polyester fabric waterproof
- Liner colour: Laghetto blue
- Equipment: Pool (structure and liner), support blocks. Filtration, skimmers and pipes according to project
- Options: Winter cover, summer cover
- Available heights: 60 / 100 / 120 cm (water height)
- Warranty: 5 years (structure and liner) – 2 years (other
- components and accessories)

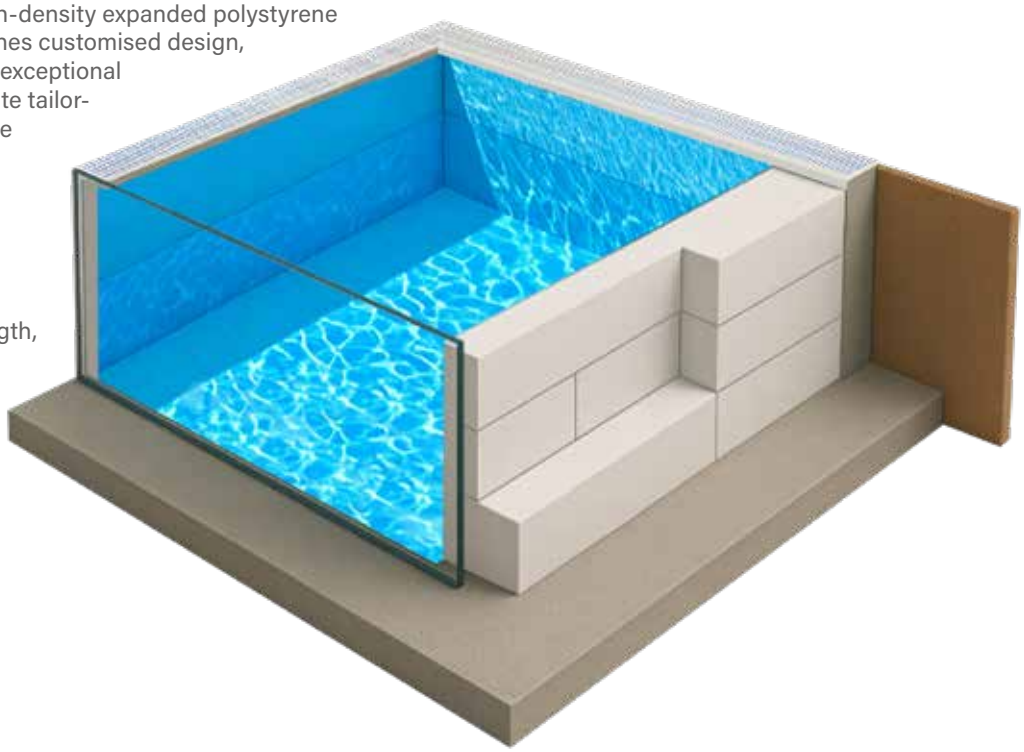


POLYSTYRENE SWIMMING POOL

Polystyrene Pool (EPS)

Fluidra offers an innovative solution for the construction of swimming pools and wellness areas using modular systems made of high-density expanded polystyrene (EPS). This technology combines customised design, advanced manufacturing and exceptional technical performance to create tailor-made, efficient and sustainable solutions.

The system is based on high-density rigid foam modules, structurally reinforced with fibreglass mesh and synthetic resin mortars, providing strength, durability and the ability to adapt to any design.



COMPREHENSIVE SOLUTIONS

Fluidra's modular EPS solution offers:

- **High customisation of shapes, sizes and integrated elements.**
- **Fast execution and assembly, with delivery of machined parts ready for assembly.**
- **Reduction in structural weight and construction time.**
- **Specialised technical team that supervises the entire process.**



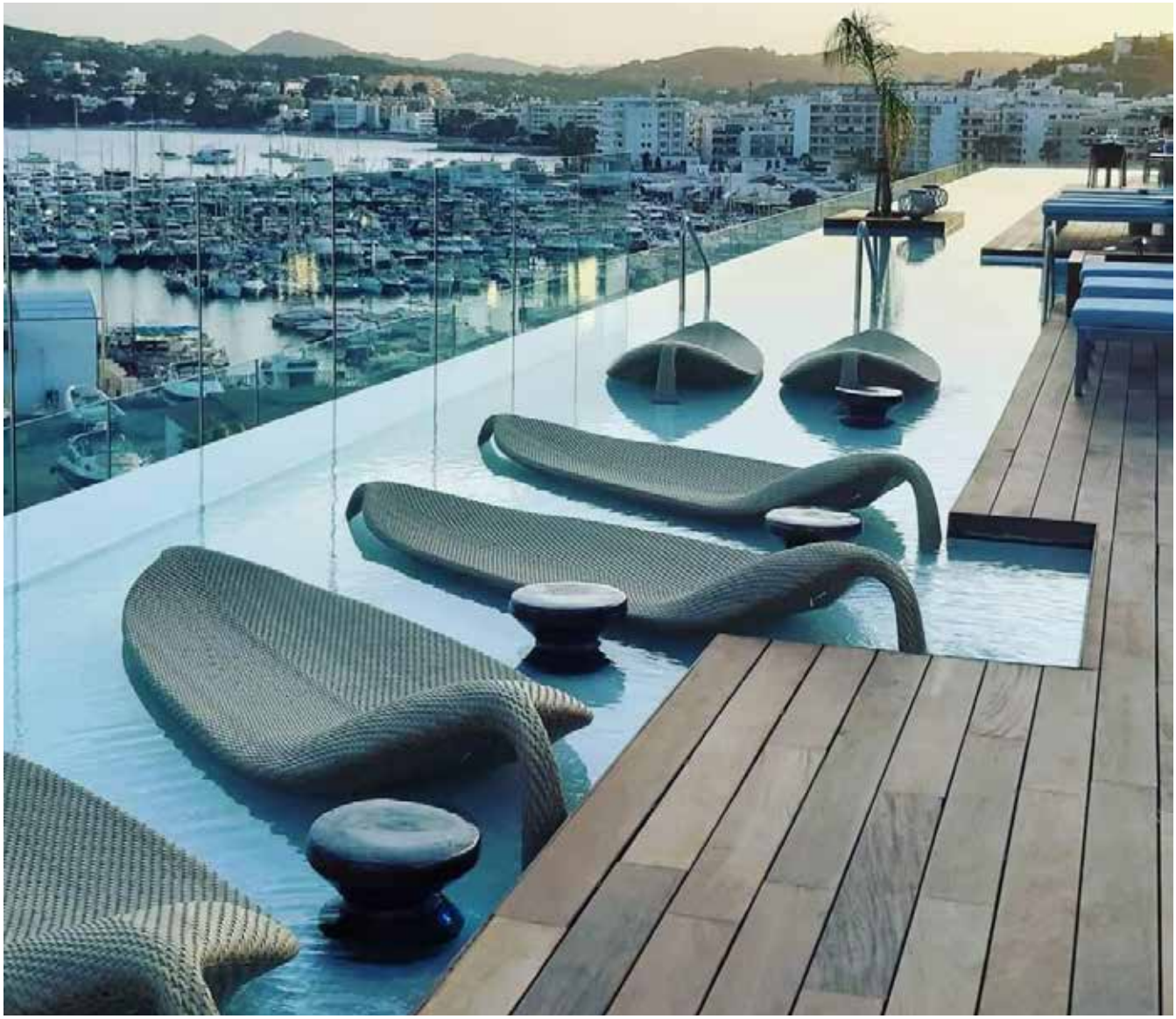
LIGHTWEIGHT POLYSTYRENE POOL - EPS

DEFINITION AND FUNCTIONING

This is a swimming pool constructed from prefabricated high-density EPS modules, reinforced for structural strength. The design is created using 3D modelling and precision machining, allowing any desired shape to be reproduced and hydrojets, ladders, benches or underwater windows to be integrated.

The modules are assembled on site like a "3D jigsaw puzzle", offering solutions for narrow or difficult-to-access spaces, such as attics, terraces or interiors.

- Installation in complex locations
- Modular and self-supporting
- Energy saving
- Resistant to water loads. Structural lightening
- Prefabricated system



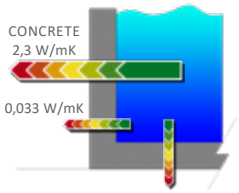
EPS POOL ADVANTAGES



1. **Extreme lightness:** structural weight reduction of up to 95%, ideal for rooftops or attics.
2. **Thermal and acoustic insulation:** high energy efficiency and noise reduction.
3. **High customisation:** any shape and integrated elements.
4. **Quick and precise assembly:** machined parts ready for assembly.
5. **Sustainability:** recyclable materials and reduced use of concrete.
6. **Comprehensive technical service:** design, manufacture, assembly and installation by Fluidra.

ENERGY COMPARISON

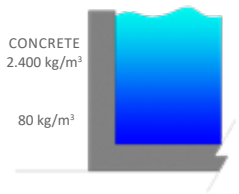
86 %
savings



Energy Conductivity Data s/. Technical Building Code (CTE).

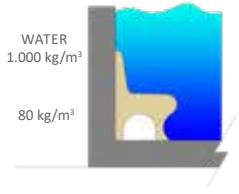
STRUCTURAL LIGHTWEIGHTING

2320 Kg
lighter per m³



COMPARISON OF WATER VOLUME

920 Kg
lighter per m³



Compact bench volume: 0.27 m³

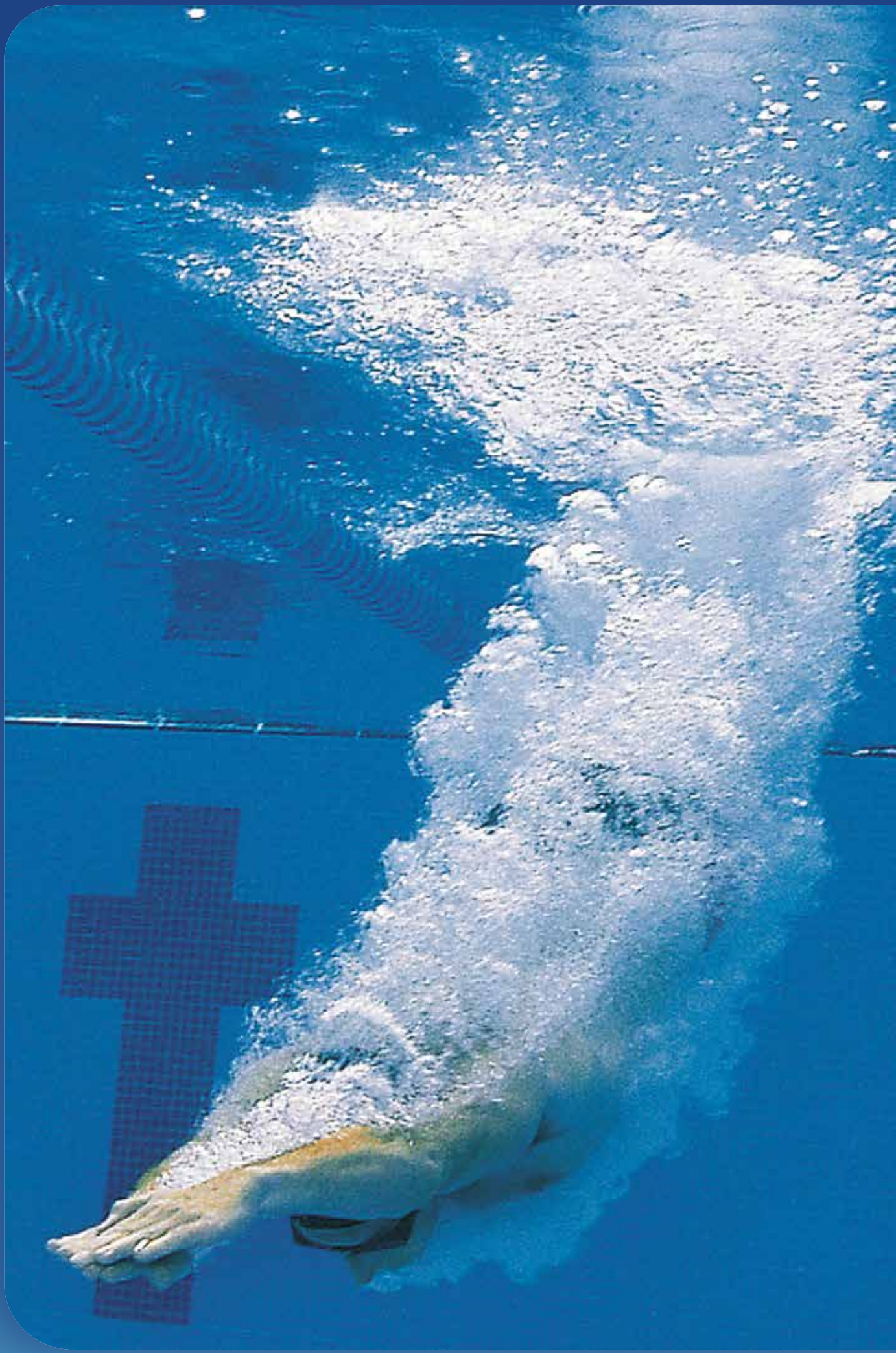
LIGHTWEIGHT POLYSTYRENE POOL - EPS

TECHNICAL SPECIFICATIONS

ASTRALPOOL

GENERAL SPECIFICATIONS	
Code	On demand
Base material	High-density EPS (closed-cell rigid foam)
Structural reinforcement	Fibre glass mesh + synthetic resin mortar
Customisation	Total: any shape and integrated elements
Machining	3D design + robotic manufacturing
Assembly	Modular 3D puzzle type, quick and without heavy civil works
Structural weight	Reduction of up to 95% compared to traditional concrete
Thermal/acoustic insulation	High; significant energy savings
Sustainability	Recyclable material, reduced use of cement





FILTRATION

112 LAMINATED FILTERS
112 Artic & Artic Plus filters
114 Tor filters
116 Vesubio filters
118 Europe 1.0 filters
120 Europe 1.2 filters

122 BOBBIN WOUND FILTERS
122 Praga filters
124 Vic filters
126 Oslo filters
128 Olot filters
130 Rodas 1050 - 1200 filters
132 Rodas 1400 - 1600 - 1800 filters
134 Rodas 2000 - 2350 filters
136 Rodas 2500 filters
138 Berlin filters

140 COMMERCIAL POOL FILTRATION
140 Coding
140 Head loss curve

141 FILTER MEDIA
141 Vertical Filter Media
143 Horizontal Filter Media

144 VALVES MANIFOLD
144 Valves manifold
145 Valves manifold Codification

146 REGENERATIVE MEDIA FILTERS
146 FMR Regenerative media filters
146 Manual kit bypass
147 Automatic kit bypass
147 Automatic Pro kit bypass
148 Basic FMR control panel
148 Pro FMR control panel
149 Pro VFD FMR control panel
150 Automatic purge kit
150 Balance tank control kit
150 Regenerative media perlite
151 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/cm².

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	
mm	m²	m³/h/m²	m³/h	In	ARTIC Bed depth 1 m	ARTIC PLUS Bed depth 1.2 m
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

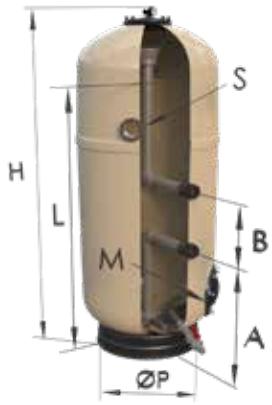
LAMINATED FILTERS

ARTIC & ARTIC PLUS FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads on page 141



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 [1]	Ø 400	Ø 1050 - Ø 1200
Sight glass [2]	Ø 90	Ø 500- Ø1200
Vinylester. Ozone use [3]		Ø500-Ø1200
Use with salt water [4]		Ø500-Ø1200
Use with drinking water [5]		Ø500-Ø1200
UV resistant. Outdoor use		Ø 500- Ø1200

[1] This option replaces sand drain Ø 200.

[2] 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.

[3] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[4] Maximum allowed concentration of salt 45 gr/l (seawater).

[5] 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^3	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^3	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

TOR FILTERS

ASTRALPOOL



- 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/m².
- 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

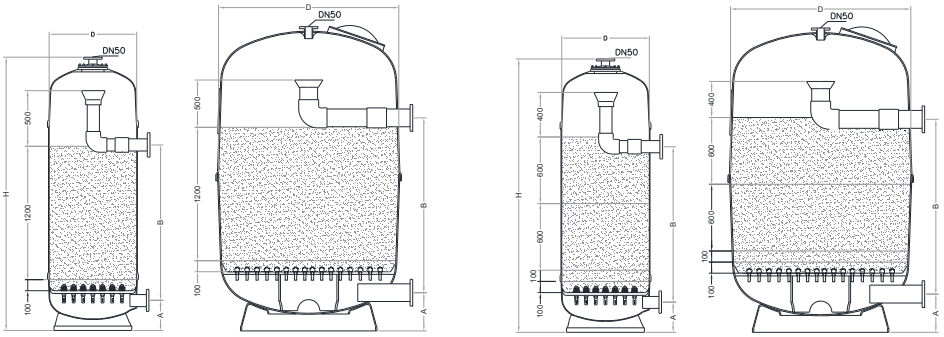
Maximum pressure: 2.5 kg/cm².

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Input connection	Output connection	Code filter* Outlet water under nozzle plate		Valve manifold Manual, 5-valve code for 1 filter
mm	m²	m³/h/m²	m³/h	DN		Monolayer (1 sight glass)	Multilayer (2 sight glasses)	
650	0.33	20	7	80	665	66033 126 TOR	66033 127 TOR	00776 DI 06
		30	10					
800	0.5	20	10	100	80	66034 126 TOR	66034 127 TOR	00780 DI 08
		30	15					
1000	0.86	20	13	125	10	66035 126 TOR	66035 127 000	00789 DI 10
		30	23					
1200	1.13	20	23	150	125	66036 126 TOR	66036 127 TOR	09177 DI 12
		30	34					
1400	1.54	20	31	150	125	66685 126 TOR	66685 127 TOR	09177 DI 14
		30	46					
1600	2.01	20	40	150	150	66686 126 TOR	66686 127 TOR	09177 DI 16
		30	60					
1800	2.54	20	51	200	150	66687 126 TOR	66687 127 000	09185 DI 18
		30	76					
2000	3.14	20	63	200	200	66688 126 TOR	66688 127 TOR	09185 DI 20
		30	94					

(1) Example of Interpretation of the code: 66037 126 000

The filter code does not include filter media

Monolayer (1 peephole)	Multilayer (2 peepholes)
66037 126 TOR	66033 127 TOR
66038 126 TOR	66034 127 TOR
66039 126 TOR	6605 127 TOR
66040 126 TOR	66036 127 TOR
66038 126 TOR	66085 127 TOR
66039 126 TOR	66086 127 TOR
66040 126 TOR	66087 127 TOR
66040 126 TOR	66088 127 TOR



MONOLAYER MULTILAYER

LAMINATED FILTERS

TOR FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads on page 142





STANDARD EQUIPMENT		Ø (mm)	Pressure (bar)
Nozzle plate	65 units/m²	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

(1) Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

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

(3) 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 m³	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

ASTRALPOOL



- 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 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- 2½" sand discharge outlet.
- Collector arms.

Bed depth 1 m

Maximum pressure: 2.5 kg/cm^2.

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 140

					BED DEPTH 1 M.	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	m^3/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

[1] The filter code does not include filter media or valve manifold

LAMINATED FILTERS

VESUBIO FILTERS

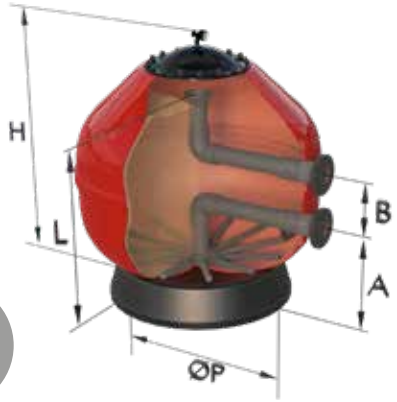
ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144



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 ½"	Ø 1050 - 2000
Water drain ¼"	Ø 450 - 2000
Manual air relief ¼"	Ø 450 - 2000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Lateral manhole Ø225 [2]	1050-2000	2.5
Sight glass Ø75 [S]	1050-2000	2.5
Vinylester. Ozone use [4]	450-2000	2.5
Use with salt water [5]	450-2000	2.5
Use with drinking water [6]	450-2000	2.5

[2] 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 45º to the right by default. It can be modified as per your requirements.

[S] 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 45º to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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		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		1850	1400	1230	185	5.66	3930
1800	755	570	1915	1350	1370	257	7.40	5065
2000	775		2030	1420	1560	360	9.48	6360

LAMINATED FILTERS

EUROPE 1.0 FILTERS

ASTRALPOOL



- 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 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

Bed depth 1 m

Maximum pressure: 2.5 kg/cm² - 4 kg/cm²

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 140

					BED DEPTH 1 M		
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	Code filter[1]		Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	m^3/h	mm	2.5 bar	4 bar	
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
1400	1.54	20	30	75	21497	34276	00771 EU 14
		30	46	90	21498	34277	00776 EU 14
		40/50	61/77	110	21499	34278	00780 EU 14
1600	2.01	20	40	90	21500	34280	00776 EU 16
		30/40	60/80	110	21501	34281	00780 EU 16
		50	100	125	21502	34282	00785 EU 16
1800	2.54	20	50	90	21503	34285	00776 EU 18
		30	76	110	21504	34286	00780 EU 18
		40	101	125	21505	34287	00785 EU 18
		50	125	140	21506	34288	00789 EU 18
2000	3.14	20	62	110	21507	34290	00780 EU 20
		30	94	125	21508	34291	00785 EU 20
		40	125	140	21509	34292	00789 EU 20
		50	157	160	21510	34293	09177 EU 20
2350	4.34	20	87	125	33820		00785 EU 23
		30	130	140	33822		00789 EU 23
		40	174	160	33824		09177 EU 23
		50	217	200	33826		09180 EU 23
2500	4.91	20	100	140	34302		00789 EU 25
		30	150	160	34303		09177 EU 25
		40	200	200	34304		09180 EU 25
		50	225	225	34305		09185 EU 25

[1] The filter code does not include filter media or valve manifold.

LAMINATED FILTERS

EUROPE 1.0 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144







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 [1]		1050 - 2500	2.5 - 4
Lateral manhole [M]	Ø 225 mm	1050 - 2500	2.5 - 4
	Ø 400 mm	1050 - 2500	2.5 - 4
Sight glass [S]	Ø 75 mm	1050 - 2500	2.5 - 4
	Ø 135 mm	1050 - 2500	2.5 - 4
Vinylester. Ozone use [4]		1050 - 2500	2.5 - 4
Use with salt water [5]		1050 - 2500	2.5 - 4
Use with drinking water [6]		1050 - 2500	2.5 - 4

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] 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.

[S] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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

ASTRALPOOL

- 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 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm^2.

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 140

					BED DEPTH 1.2 M	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	m^3/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

[1] The filter code does not include filter media or valve manifold

LAMINATED FILTERS

EUROPE 1.2 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144





FILTER WITH LATERALS



FILTER WITH NOZZLE PLATE

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 [1]		1050 - 2500	2.5
Lateral manhole [M]	Ø 225 mm	1050 - 2500	2.5
	Ø 400 mm	1050 - 2500	2.5
Sight glass [S]	Ø 75 mm	1050 - 2500	2.5
	Ø 135 mm	1050 - 2500	2.5
Vinylester. Ozone use [4]		1050 - 2500	2.5
Use with salt water [5]		1050 - 2500	2.5
Use with drinking water [6]		1050 - 2500	2.5

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] 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.

[S] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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

ASTRALPOOL

- 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 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- 2 ½" sand discharge outlet.
- Collector arms and optional nozzle plate.

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 140

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

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

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

BOBBIN WOUND FILTERS

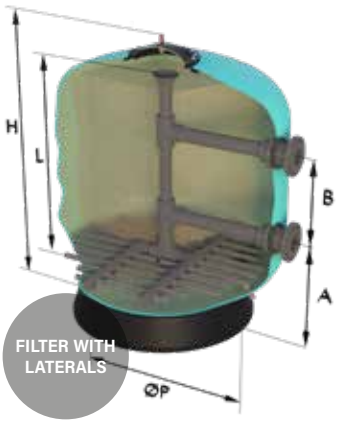
PRAGA FILTERS

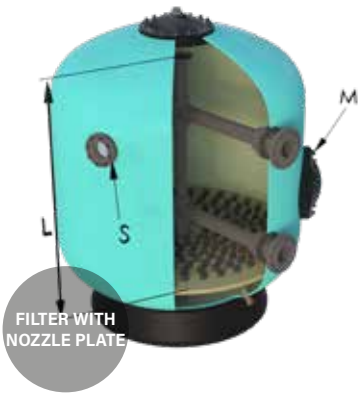
ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144







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 ¾"	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 ¾"	Ø 1050 - 3000	

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

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	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

ASTRALPOOL

- 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 $m^3/h/m^2$.
- 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^2.

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 140

					BED DEPTH 1 M.	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	m^3/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

[1] The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

VIC FILTERS

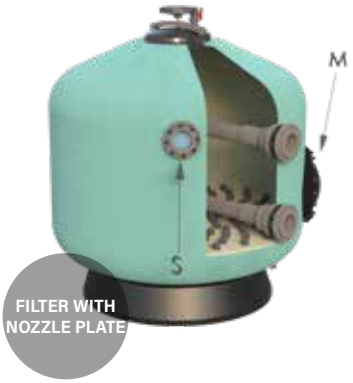
ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144







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 [1]	1050 - 2000
Lateral manhole Ø 225 mm [S]	1050 - 2000
Lateral manhole Ø 400 mm [S]	1050 - 2000
Mirilla Ø 135 mm [M]	1050 - 2000
Vinylester. Uso con ozono [4]	1050 - 2000
Use with salt water [5]	1050 - 2000
Use with drinking water [6]	1050 - 2000
UV resistant. Outdoor use	1050 - 2000
Air scouring connections 2"	1050 - 2000

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] 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 45º to the right by default. It can be modified as per your requirements.

[S] 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 45º to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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

BOBBIN WOUND FILTERS



OSLO FILTERS

ASTRALPOOL

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 $m^3/h/m^2$.
- 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 140

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

[1] The filter code does not include filter media or Valve manifold

*Filters with a diameter greater than 2500 require special transport

BOBBIN WOUND FILTERS

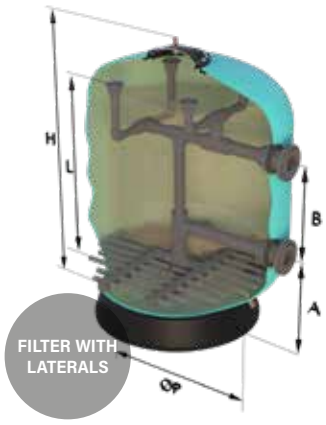
OSLO FILTERS

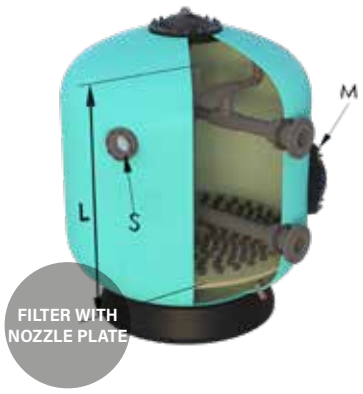
ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144







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 ¾"	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	Ø1800 - 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 [1]		1050 - 3000	2.5 - 4
Lateral Manhole [M]	Ø 225 mm	1050 - 3000	2.5 - 4
	Ø 400 mm	1050 - 3000	2.5 - 4
	Ø 500 mm	1050 - 3000	2.5 - 4
Sight Glass [S]	Ø 135 mm	1050 - 3000	2.5 - 4
	Ø 200 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4
Use with salt water [5]		1050 - 3000	2.5 - 4
Use with drinking water [6]		1050 - 3000	2.5 - 4
UV resistant. Outdoor use		1050 - 3000	2.5 - 4
Top manhole	Ø 500 mm	1050 - 3000	2.5 - 4
	Ø 600 mm	1050 - 3000	2.5 - 4

[1] Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.

[M] 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.

[S] 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.

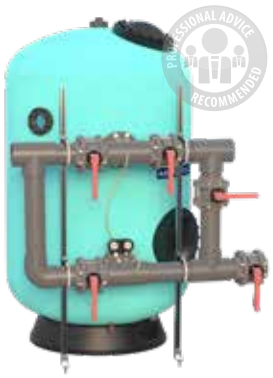
[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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

ASTRALPOOL

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 140

					Bed depth 1.2 m		Bed depth 1.5 m		
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]				Valve manifold Manual, 5-valve code for 1 filter
					Bed depth 1.2 m		Bed depth 1.5 m		
mm	m^2	$m^3/h/m^2$	m^3/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

[1] The filter code does not include filter media or Valve manifold.

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

BOBBIN WOUND FILTERS

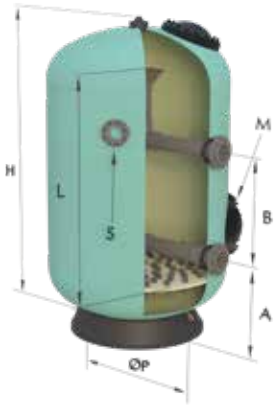
OLOT FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144





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 (M)	1050 - 3000	2.5 - 4
Sight glass Ø 135 mm (S)		
Sight glass Ø 200 mm (S)		
Vinylester. Ozone use (4)		
Use with salt water (5)		
Use with drinking water (6)		
UV resistant. Outdoor use		
Top manhole Ø 500 mm		

(1) Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.

(M) 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 45º to the right by default. It can be modified as per your requirements.

(S) 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 45º left to the connections.

(4) Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

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

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

Ø	A (H)	B (M)	H		L		Ø P	Net Weight	Standard Volume	Weight in service
			Bed depth 1.2 m	Bed depth 1.5 m	Bed depth 1.2 m	Bed depth 1.5 m				
(mm)	(mm)	(mm)	(mm)		(mm)		(mm)	kg	m^3	kg
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

ASTRALPOOL

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 140

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter		Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m²	m³/h/m²	m³/h	mm	2.5 bar	4 bar	
1050	1900	1.72	20	34	75	05102	07124	00771 HZ 10
			30	52	90	05105	07125	00776 HZ 10
			40	69	110	05108	07126	00780 HZ 10
	2300	2.12	20	42	110	11331	11321	00780 HZ 10
			30	64	125	11332	11322	00785 HZ 10
			40	85	140	11333	11323	00789 HZ 10
	2500	2.32	20	46	110	24842	25016	00780 HZ 10
			30	70	125	24843	25017	00785 HZ 10
			40	93	140	24844	25018	00789 HZ 10
	2700	2.51	20	50	110	11334	11326	00780 HZ 10
			30	75	125	11335	11327	00785 HZ 10
			40	100	140	11336	11328	00789 HZ 10
	3000	2.81	20	56	110	22647	22683	00780 HZ 10
			30	84	140	22648	22684	00789 HZ 10
			40	112	160	22649	20895	09177 HZ 10
1200	1900	1.96	20	39	110	22650	22685	09177 HZ 12
			30	59	125	22651	22686	00785 HZ 12
			40	79	140	22652	22687	00789 HZ 12
	2300	2.42	20	3	110	22653	22688	09177 HZ 12
			30	73	140	22654	22689	00789 HZ 12
			40	97	160	22655	20897	09177 HZ 12
	2500	2.65	20	53	125	24845	25019	00785 HZ 12
			30	79	140	24846	25020	00789 HZ 12
			40	106	160	24847	25021	09177 HZ 12
	2700	2.87	20	57	125	22656	22690	00785 HZ 12
			30	86	140	22657	22691	00789 HZ 12
			40	115	160	22658	20898	09177 HZ 12
	3000	3.21	20	64	125	22659	22692	00785 HZ 12
			30	96	140	22660	22693	00789 HZ 12
			40	129	160	22661	20899	09177 HZ 12

BOBBIN WOUND FILTERS

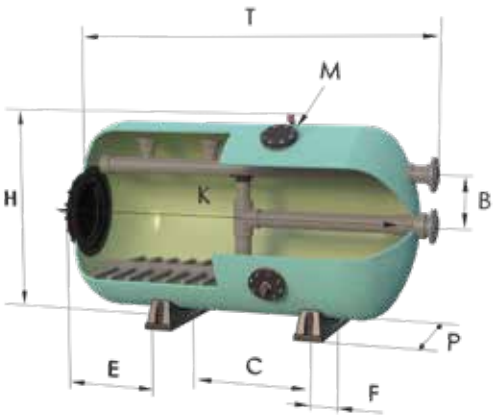
RODAS 1050 - 1200 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 143 and 144





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 [5]	1050 - 2500	2.5 - 4
Vinylester. Ozone use [4]	1050 - 2500	2.5 - 4
Use with salt water [5]	1050 - 2500	2.5 - 4
Use with drinking water [6]	1050 - 2500	2.5 - 4
UV resistant. Outdoor use	1050 - 2500	2.5 - 4

[5] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	Weight in service kg	Net Weight kg
1900			760	380	2160	2.95	2530	270
2300			1000	460	2560	3.57	3100	330
2500	800	190	1120	500	2760	3.88	3380	355
2700			1240	540	2960	4.20	3670	380
3000			1420	600	3260	4.67	4100	420
1900			760	380	2130	3.08	3220	310
2300			1000	460	2530	3.73	3960	375
2500	900	200	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

ASTRALPOOL

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.

Bed depth 0.8 and 1 m

Does not include Valve manifold

Coding options according to table on page 140

Optional: Standard American sizes

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

The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

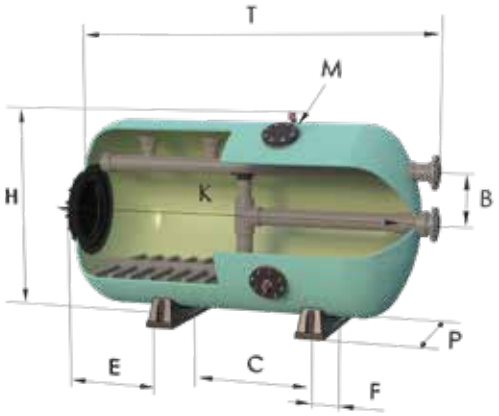
RODAS 1400 - 1600 - 1800 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 143 and 144





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 [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4
Use with salt water [5]		1050 - 3000	2.5 - 4
Use with drinking water [6]		1050 - 3000	2.5 - 4
UV resistant. Outdoor use		1050 - 3000	2.5 - 4

[5] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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

ASTRALPOOL

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.

Bed depth 1.2 m

Does not include Valve manifold

Coding options according to table on page 140

Optional: Standard American sizes

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

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

BOBBIN WOUND FILTERS

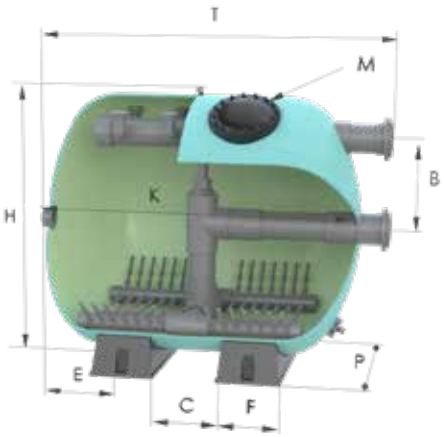
RODAS 2000 - 2350 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 143 and 144





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 [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4
Use with salt water [5]		1050 - 3000	2.5 - 4
Use with drinking water [6]		1050 - 3000	2.5 - 4
UV resistant. Outdoor use		1050 - 3000	2.5 - 4

[5] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	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		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

ASTRALPOOL

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.

Bed depth 1.2 m

Does not include Valve manifold

Coding options according to table on page 140

Optional: Standard American sizes

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

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter		Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m^2	$m^3/h/m^2$	m^3/h	mm	2.5 bar	4 bar	
2500	3500	7.34	20	149	160	24938	25112	09177 HZ 25
			30	223	200	24939	25113	09180 HZ 25
			40	297	225	24940	25114	09185 HZ 25
	4000	8.62	20	172	200	22677	22708	09180 HZ 25
			30	258	225	22678	22709	09185 HZ 25
			40	345	250	22679	22710	19133 HZ 25
	4500	9.80	20	196	200	24947	25121	09180 HZ 25
			30	294	250	24948	25122	19133 HZ 25
			40	392	315	24949	25123	-
	5000	10.98	20	220	200	22680	22711	09180 HZ 25
			30	329	250	22681	22712	19133 HZ 25
			40	439	315	22682	22713	-

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

BOBBIN WOUND FILTERS

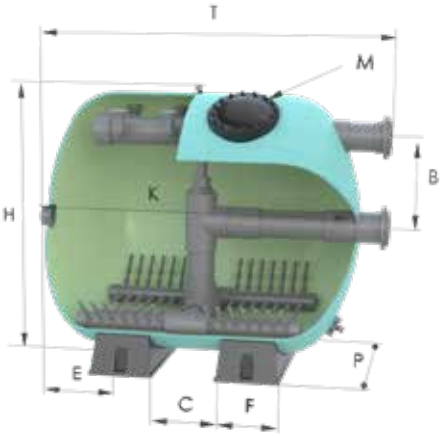
RODAS 2500 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 143 and 144





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		Ø (mm)	Pressure (bar)
Sight glass [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4
Use with salt water [5]		1050 - 3000	2.5 - 4
Use with drinking water [6]		1050 - 3000	2.5 - 4
UV resistant. Outdoor use		1050 - 3000	2.5 - 4

[5] 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.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] 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^3	Weight in service kg	Net Weight kg
2500	710	2710	3500	1850	500	960	770	3850	28	24320	1505
			4000			500	750	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 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms.

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

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

Coding options according to table on page 140

Optional: Standard American sizes

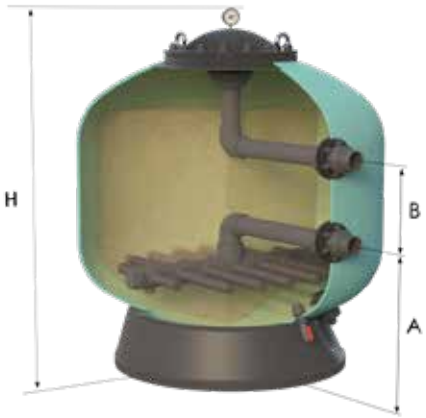
BOBBIN WOUND FILTERS

BERLIN FILTERS

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 142 and 144





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^3
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	2	3	4	5	–	6	7	8

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

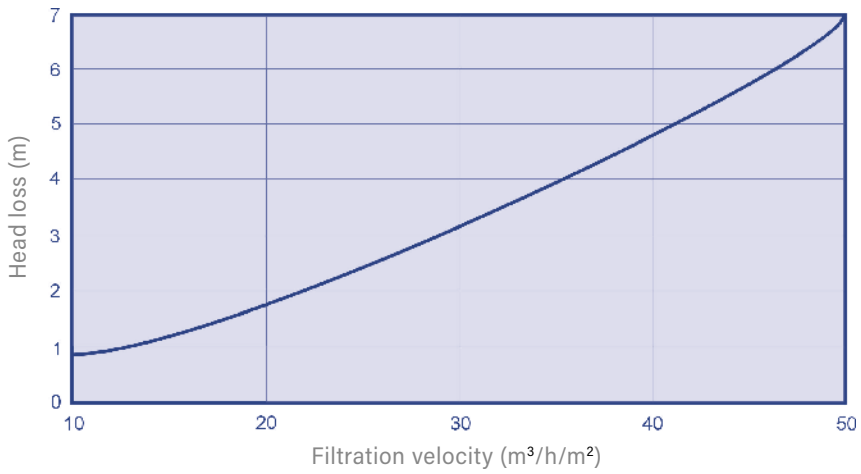
Position 8 Specifies sightglass options	
0	Without sightglasses
1	1 sightglass for laminated filter
2	1 Ø 135 mm sightglass
3	2 sightglasses for laminated filter
4	2 sightglasses Ø 135
5	1 sightglass Ø 200mm
6	1 sightglass DIN 50x300mm
7	2 sightglasses DIN 50x300mm

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

ASTRALPOOL

Apparent Density (kg/m³)	
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

			Ø D (mm)					
Model	Media (m³)		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.

FILTER MEDIA

VERTICAL FILTER MEDIA

ASTRALPOOL

Apparent Density (kg/m³)	
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 (m³)		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						
		Grade 3 glass	150	250	300	400	475	600						
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
		Grade 3 glass	275	300	400	600	650	925	1575	1675	1925			2900
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
		Gravel 1-2	300	350	500	775	850	1150	1400	1800	1975			3850
	glass media	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
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
	glass media	Grade 1 glass	850	1150	1475	1925	2450	3000	3625	4075	4575			6800
		Grade 2 glass	425	575	750	975	1225	1500	1825	2050	2300			3400
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
		Gravel 3-5	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

ASTRALPOOL

Apparent Density (kg/m³)	
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



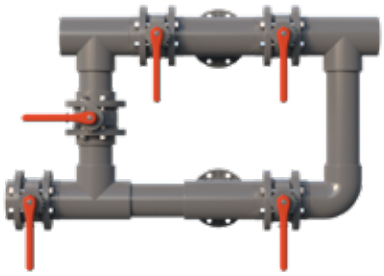
Glass

			Ø D (mm)								
Model	Media (m³)		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	16675
		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	2450

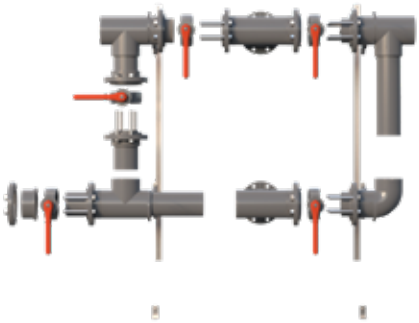
Recommended weights. It can vary depending on the density of the product.

VALVES MANIFOLD

Manual Manifold. 5 Butterfly Valves



Split-up

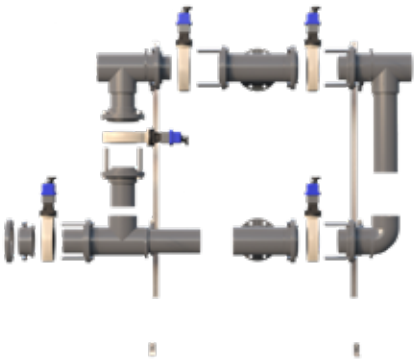


- Butterfly valve.
- Regulable opening every 15º with position holding.
- One piece body in PVC-U.
- Fixed in the set with galvanized steel screws.
- Standard flanges DIN 2501.

Electric Manifold. 5 Butterfly Valves



Split-up

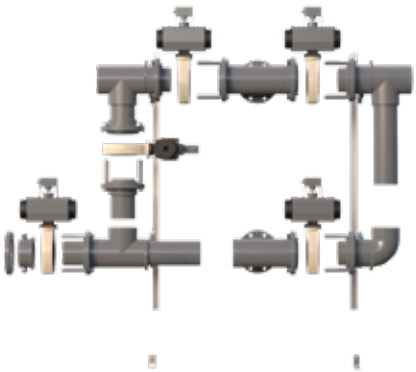


- Butterfly valve with electric actuator J+J 80-240V.
- Electronic torque control, with limitation of maximum torque.
- Anti-condensation heating resistor.
- Automatic / manual lever, with manual override.
- Open and closed volt free contacts.
- Indicator LED operating / error.
- Enclosure in anticorrosive 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 (+/- 5º).
- 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

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 - 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

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 - 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

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

ASTRALPOOL

FRM 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^3
REGENERATIVE MEDIA FILTER FMR AISI-316 HI450 D.90mm 7,3m^2 2,5KG	442101	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI600 D.110mm 14m^2 5KG	442102	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI600L D.125mm 18m^2 6KG	442103	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI800 D.160mm 25m^2 9KG	442104	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI800L D.200mm 33m^2 12KG	442105	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1000 D.225mm 41m^2 15KG	442106	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1000L D.250mm 53m^2 19KG	442107	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1200 D.250mm 58m^2 20KG	442108	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1200L D.315mm 75m^2 27KG	442109	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1400 D.315mm 81m^2 28KG	442110	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1400L D.315mm 105m^2 37KG	442111	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1600 D.315mm 105m^2 37KG	442112	-	-	-
REGENERATIVE MEDIA FILTER FMR AISI-316 HI1600L D.400mm 136m^2 48KG	442113	-	-	-



MANUAL KIT BYPASS

ASTRALPOOL

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^3
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	-	-	-



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^3
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^3
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	-	-	-



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 m^3
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 m^3
WPP-CTRL-0200	461201	-	-	-



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.

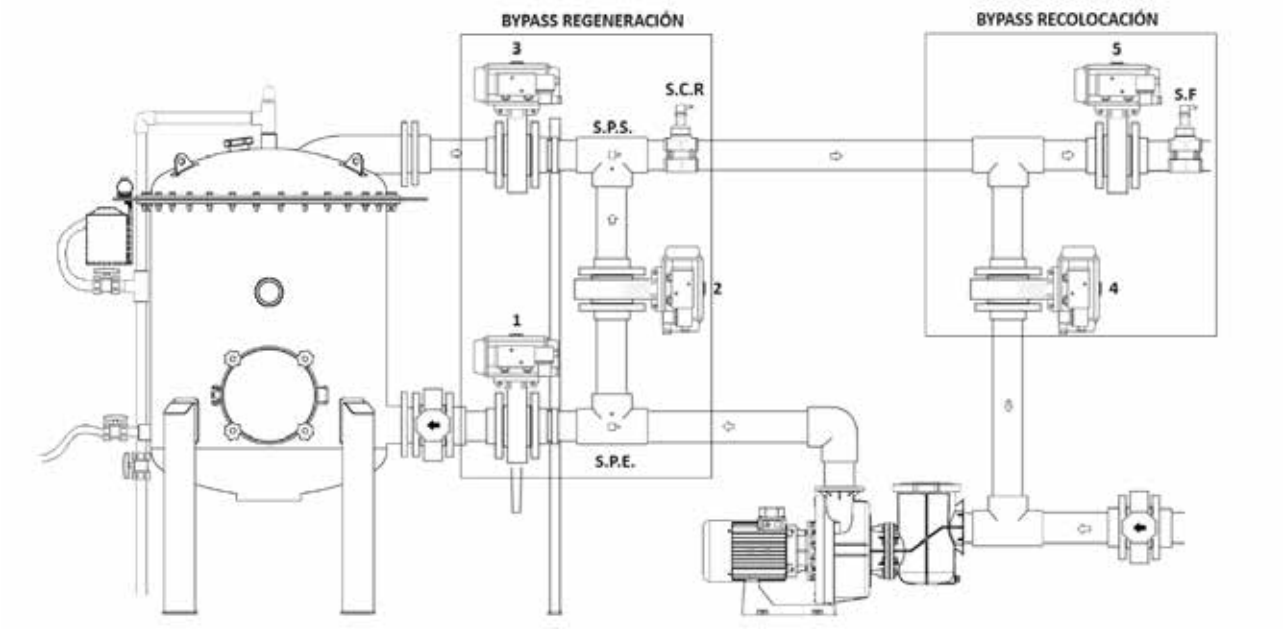
PRO-VDF model: Filter regeneration is pre-programmed every 4 hours. At the time of regeneration, it automatically activates the automatic bypass (essential element not included) and does not interrupt the recirculation of the pool for the pre-programmed 10 minutes. It manages the speed of the pumps with 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^3
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



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^3
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^3
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^3
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



PUMPS

156 VARIABLE SPEED PUMPS
156 Victoria Plus Silent VS
157 Maxim VS
158 VFD VS

159 SELF-PRIMING PUMPS
159 Victoria Plus Silent
160 Kivu

161 CENTRIFUGAL PUMPS
161 Maxim
162 Colorado with prefilter
163 Colorado without prefilter
164 Kivu
165 Aral Plus C-3000
167 Aral Plus C-1500

169 STRAINERS
169 Strainer in polypropylene and fibreglass
169 Strainer in polyester and fibreglass 33 l capacity
169 Strainer in polyester and fibreglass 60 l capacity
170 Strainer in polyester and fibreglass with sight glass lid 33 l capacity
170 Strainer in polyester and fibreglass with sight glass lid 60 l capacity
171 Kivu strainers
171 Astramax strainers
171 Aral Plus strainers
172 Strainers in stainless steel

173 VALVES AND HOSES
173 Check valves
173 Vibration absorbent brushing

174 AIR BLOWERS
174 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



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

NEW 2026



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.



ASIAN GAMES – INDONESIA



NEWCASTLE GREAT EXHIBITION OF THE NORTH – UNITED KINGDOM



AQUATICUM WATER PARK – HUNGARY

VARIABLE SPEED PUMPS

VICTORIAPLUS SILENT VS







VICTORIA PLUS SILENT VS

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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 (m³/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

GARANTIA 3 AÑOS YEARS GUARANTEE

PROFESSIONAL ADVICE RECOMMENDED

Energy Efficient

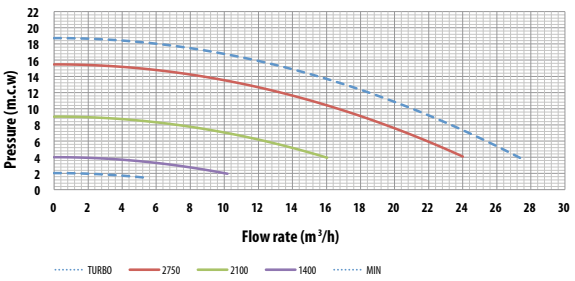
BEST IN CLASS

COMPATIBLE NN thing

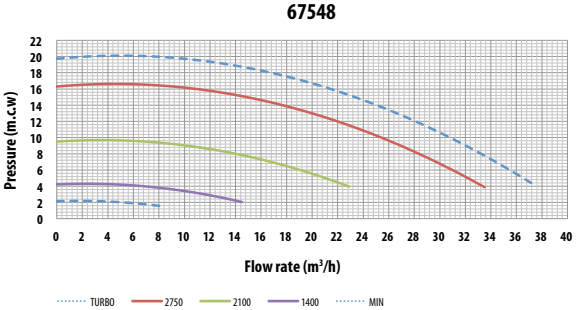
Fluidra Connect compatible

PERFORMANCE

67547



67548





Menu-driven adjustments and settings



Intuitive weekly timer settings



Pre-set and adjustable speeds



Power consumption and savings display

Installation and control:



HMI control system on pump



HMI control system on wall

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 m³
Maxim VS 350	73773	1	35	0.209
Maxim VS 450	73774	1	37	0.209
Maxim VS 550	73775	1	43	0.209

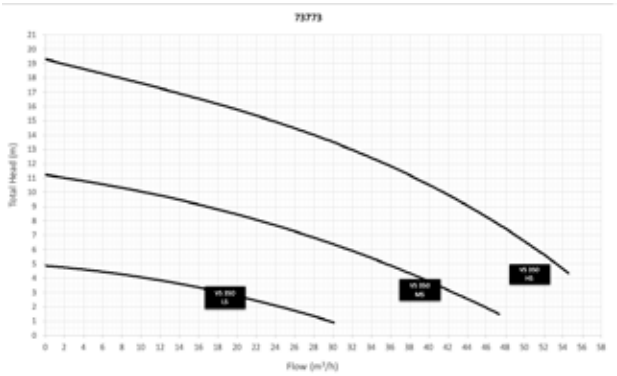
TECHNICAL FEATURES

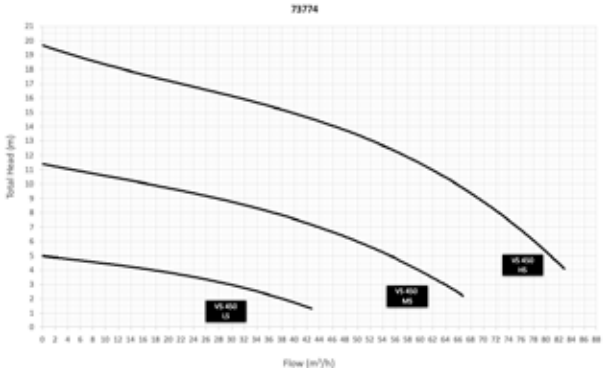
Code	Model	Voltage	Capacity	Head	Maximum Head	Max Capacity at Head= 4m	Motor Rated Output	Maxim Abs. Power	Pipe Size
		U_N	Q_N	H_N	$H_{MAX.}$	QMAX.	P_{2N}	P_{1MAX}	Ø
		V	m	m	m	m	kW	kW	mm
73773	VS 350	380 - 460	41,6	10,0	19,3	54,6	2,6	2,94	90,0
73774	VS 450	380 - 460	66,0	10,0	19,7	83,0	3,4	4,20	90,0
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 (m³/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

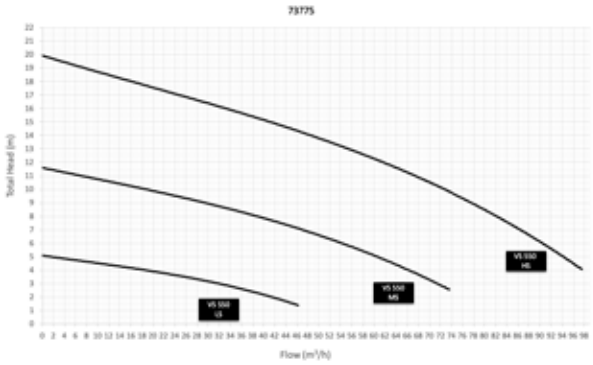
VARIABLE SPEED PUMPS

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
VFD VS 2,2	77257	1	-	-
VFD VS 4,0	77258	1	-	-

Energy Efficient

Fluidra Connect compatible

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

ASTRALPOOL

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.

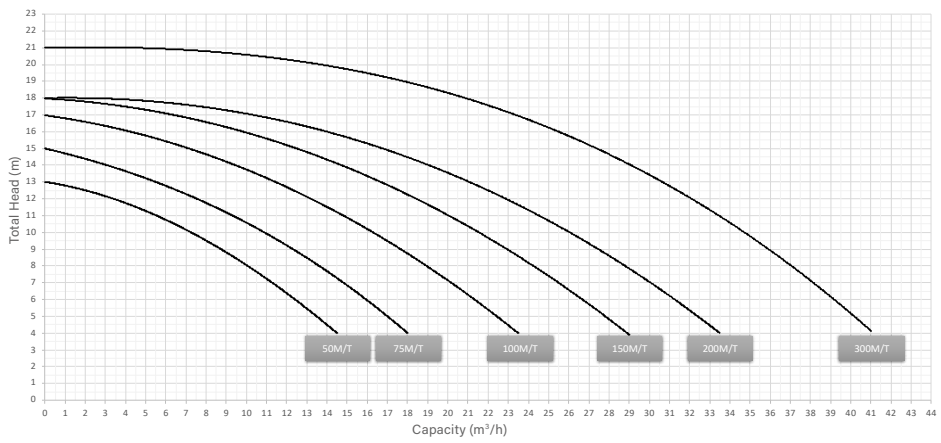
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Victoria Plus Silent 50M	65557	1	12	0.07
Victoria Plus Silent 50T	65558	1	12	0.07
Victoria Plus Silent 75M	65560	1	13	0.07
Victoria Plus Silent 75T	65561	1	13	0.07
Victoria Plus Silent 100M	65562	1	14	0.07
Victoria Plus Silent 100T	65563	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_N	Nominal Head	Maximum Head	Maximum Flow	Motor Rated Output	Maximum Absorved Power	Pipe Size
		U_N	Q_N	H_N	$H_{MAX.}$	$Q_{MAX.}$	P_{2N}	P_{1MAX}	D
		V	m^3/h	m	m	m^3/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

ASTRALPOOL

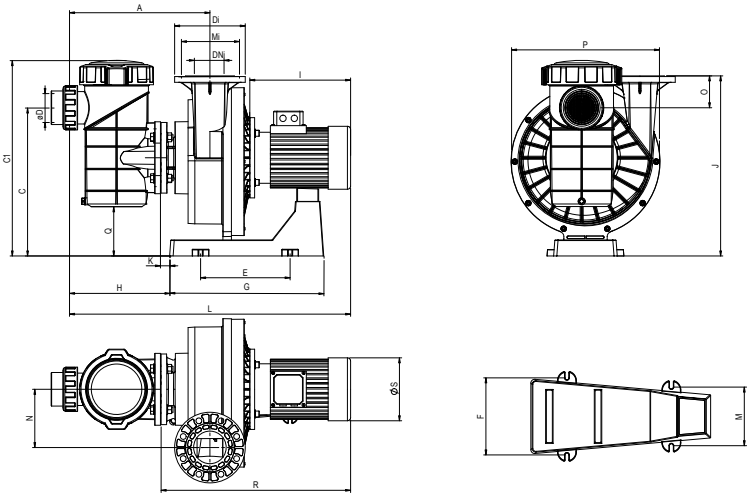
High performance plastic self-priming pump for high flow rates (1500 rpm).

- 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).

Energy Efficient

Optional:
60 Hz pumps (code XXXX-0810).

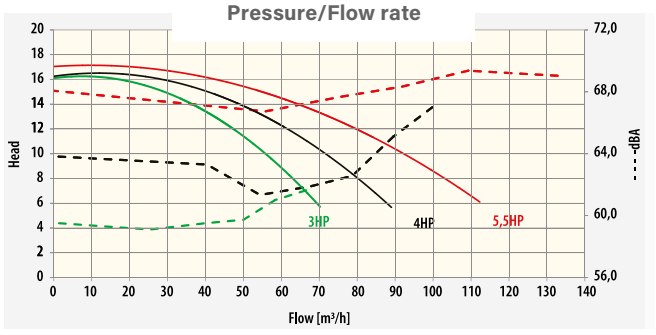
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Kivu 3 HP 230/400V 50Hz + prefilter	66047	1	56.4	0.35
Kivu 3 HP 400/690V 50Hz + prefilter	63042	1	56.4	0.35
Kivu 4 HP 230/400V 50Hz + prefilter	66048	1	59.4	0.35
Kivu 4 HP 400/690V 50Hz + prefilter	63043	1	59.4	0.35
Kivu 5.5 HP 230/400V 50Hz + prefilter	66049	1	66.4	0.35
Kivu 5.5 HP 400/690V 50Hz + prefilter	63044	1	66.4	0.35

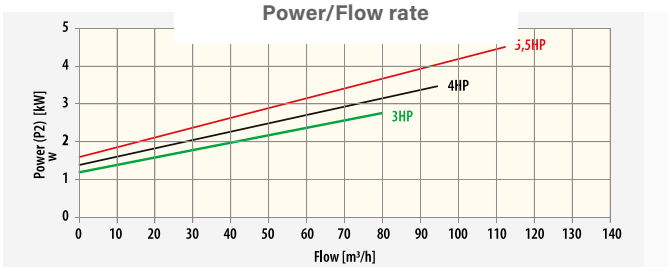


TECHNICAL FEATURES

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

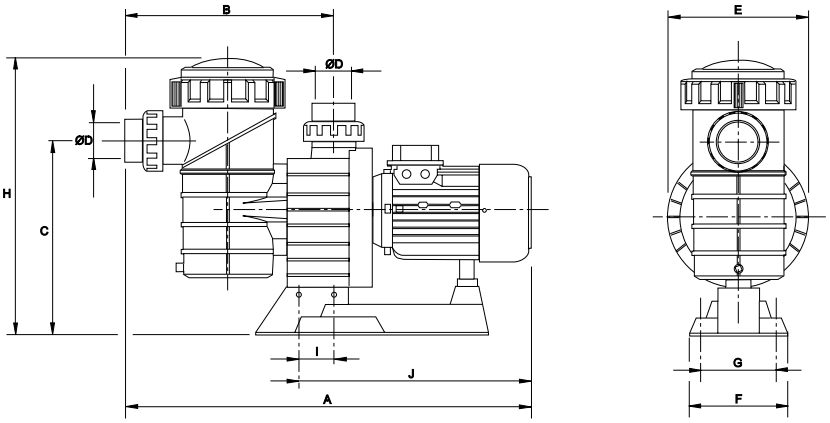


MAXIM

ASTRALPOOL

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^3
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



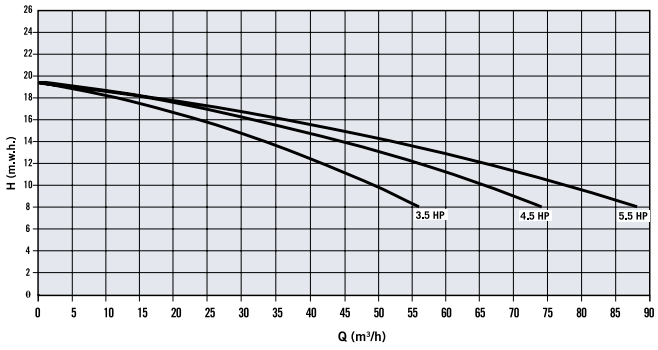
Optional:
60 Hz pumps
(code XXXX-0810).

TECHNICAL FEATURES

Code	Power	Connection	Voltage	mwc					
				8	10	12	14	16	19.5
				m^3/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



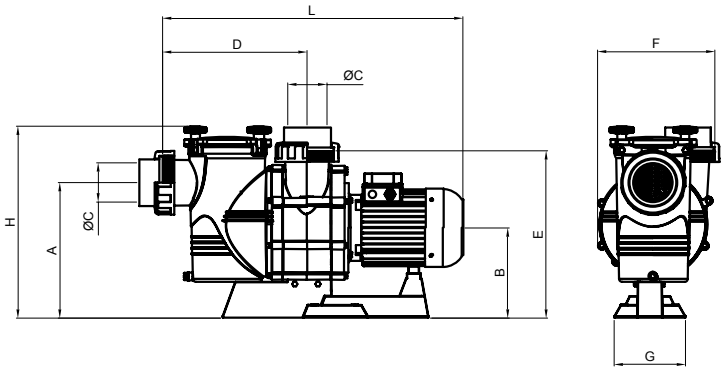
COLORADO with prefilter

ASTRALPOOL

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^3
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

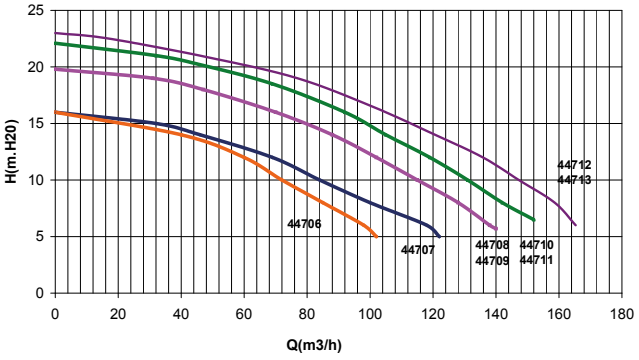
Possibility of placing orders with the following variations:
- bronze turbine
- stainless steel turbine (AISI 316-L).
- Viton mechanical seals.



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

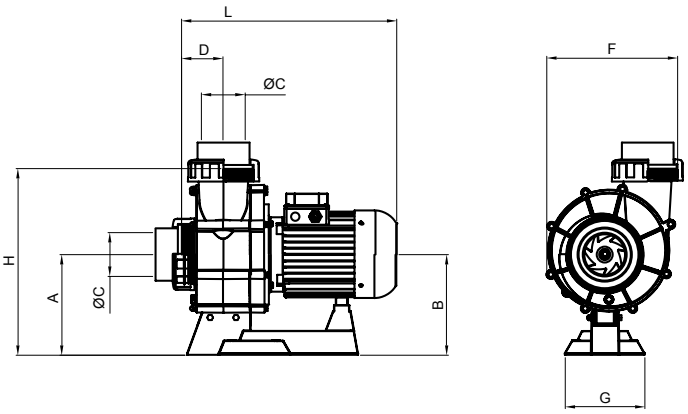
ASTRALPOOL

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 m³
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.

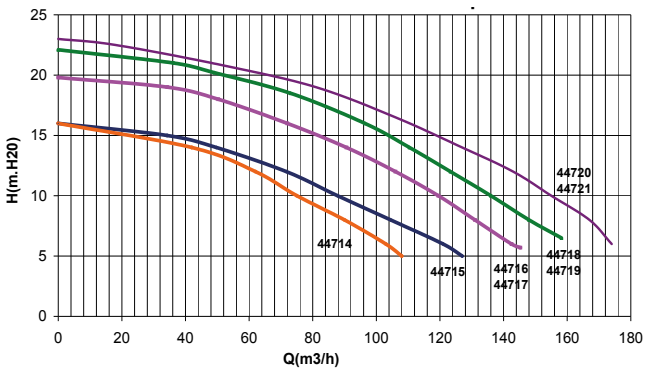
Available in power modes from 4 to 12.5 HP.



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

ASTRALPOOL



Kivu Pump



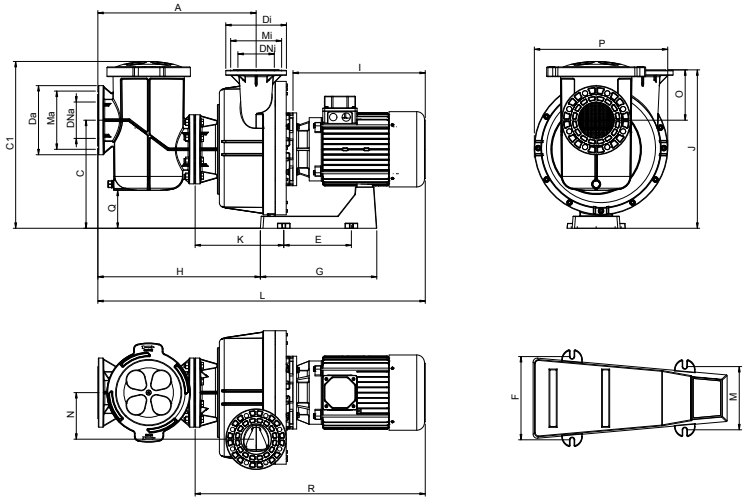
Kivu pump
Side view

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).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

Optional:
60 Hz pumps
(code XXXX-0810).

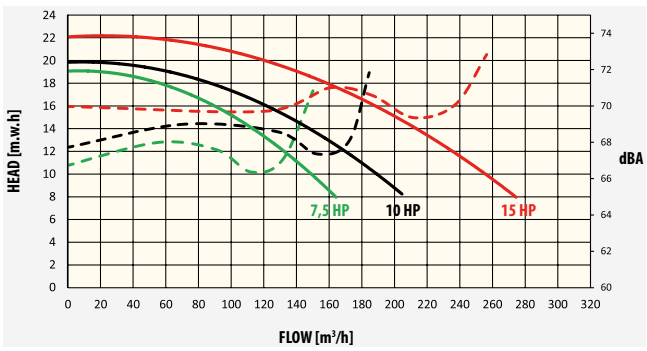


TECHNICAL FEATURES

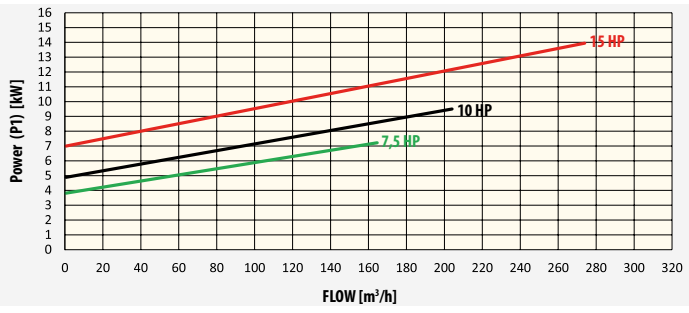
Code	Power	A	DA	DI	DNA	DNi	C	C1	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Ma	Mi
	HP	mm																						
56633 56634	7.5	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	410	653	141	1215	157	192	208	550	157	815	240	210
56635 56637	10	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	445	653	141	1250	157	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



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 m3/h
- Power rate: from 3HP a 12,5HP
- Motor: 50Hz/3000 rpm. Available also at 60Hz (code XXXX-0810)

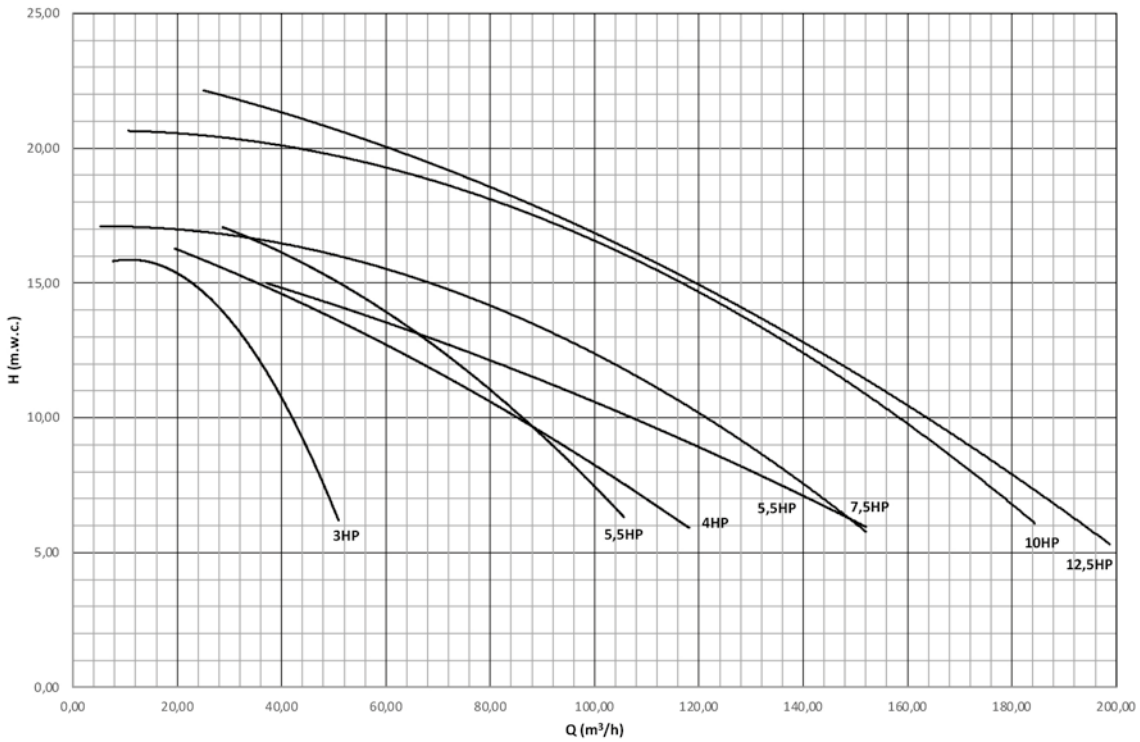
MATERIALS

- 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)

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

More technical specifications on the next page



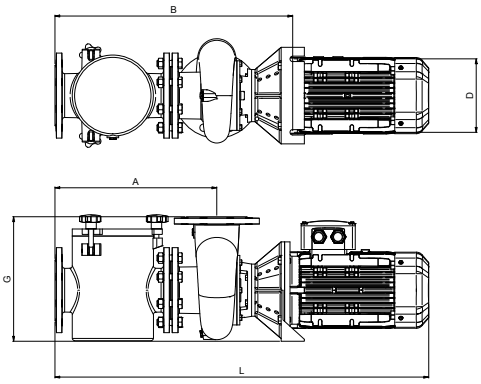
CENTRIFUGAL PUMPS

ARAL PLUS C-3000

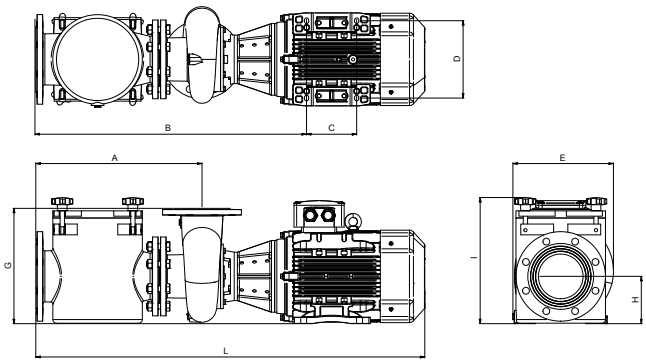
ASTRALPOOL

TECHNICAL FEATURES

76917 / 76918 / 76919 / 76920 / 76921 / 76922 / 76923



76924 / 76925 / 76926 / 76927



Code	Power			Suction Connection	Delivery Connection	mwc								
						6	8	10	12	14	16	18	20	22
		A	A			m^3/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



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 m3/h
- Power rate: from 3HP a 25HP
- Motor: 50Hz/1450 rpm. Available also at 60Hz (code XXXX-0810)

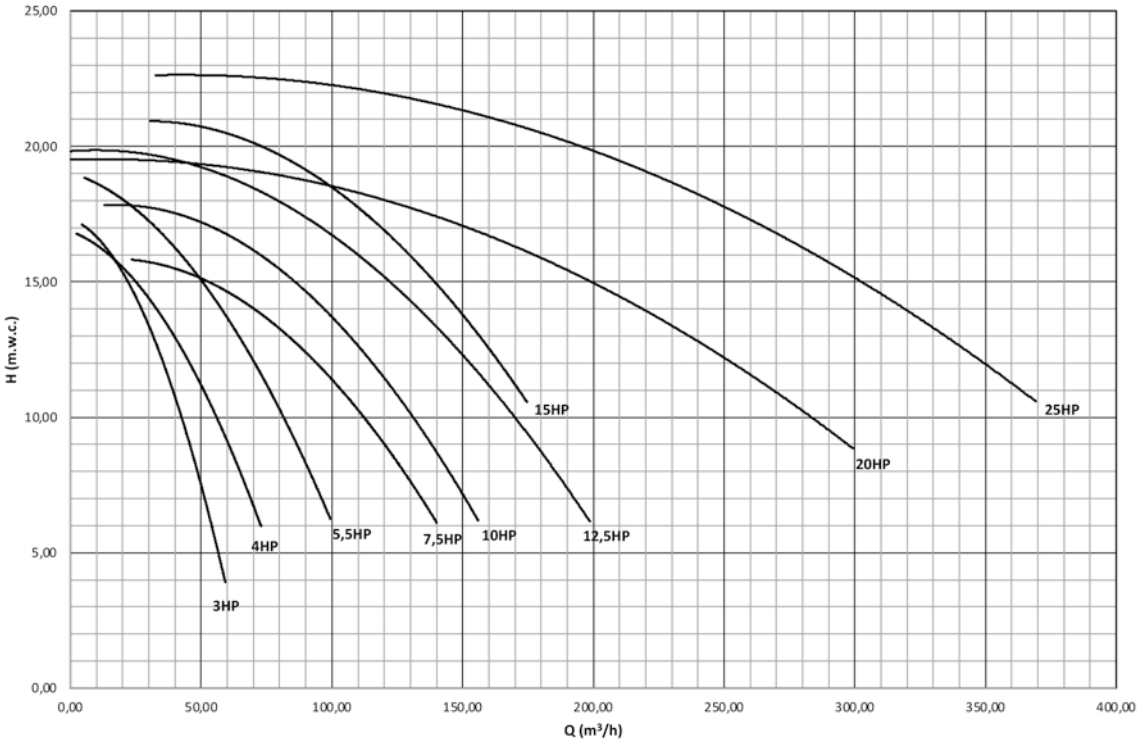
MATERIALS

- 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)

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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

More technical specifications on the next page



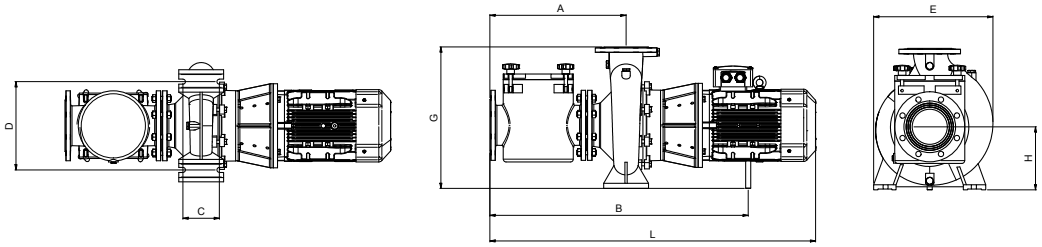
CENTRIFUGAL PUMPS

ARAL PLUS C-1500

ASTRALPOOL

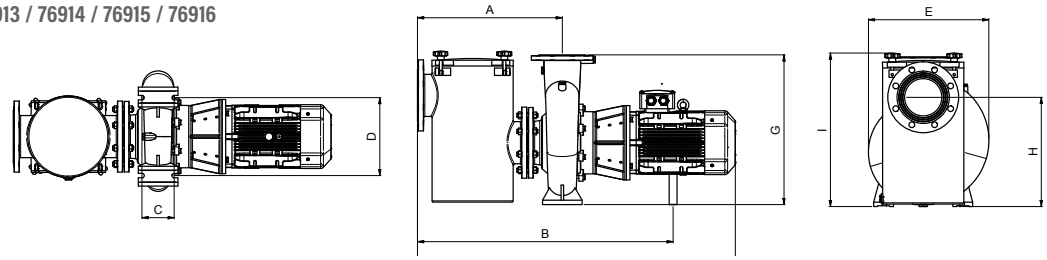
TECHNICAL FEATURES

76905 / 76906 / 76907 / 76908 / 76909 / 76910 / 76911 / 76912



Code	Power			Suction Connection	Delivery Connection	mwc								
						6	8	10	12	14	16	18	20	22
		A	A			m³/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

ASTRALPOOL

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^3
Strainer	09879	1	8.4	0.098



STRAINER in polyester and fibreglass 33 l capacity

ASTRALPOOL

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^3
33 l Capacity				
Connections Ø 90 mm, 37 m^3/h	04656	1	27	0.180
Connections Ø 110 mm, 55 m^3/h	04657	1	27	0.180
Connections Ø 125 mm, 72 m^3/h	04658	1	27	0.180
Connections Ø 140 mm, 90 m^3/h	04659	1	27	0.180



STRAINER in polyester and fibreglass 60 l capacity

ASTRALPOOL

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^3
60 l Capacity				
Connections Ø 160 mm, 118 m^3/h	10886	1	39	0.357
Connections Ø 200 mm, 184 m^3/h	10887	1	39	0.357
Connections Ø 225 mm, 233 m^3/h	10888	1	39	0.357

STRAINERS



STRAINER in polyester and fibreglass
with sight glass lid 33 l capacity

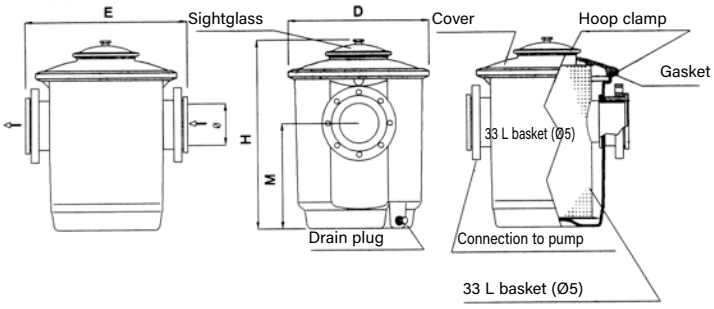
ASTRALPOOL

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 m³
33 l Capacity				
Connections Ø 90 mm, 37 m³/h	15644	1	27	0.180
Connections Ø 110 mm, 55 m³/h	15645	1	27	0.180
Connections Ø 125 mm, 72 m³/h	15646	1	27	0.180
Connections Ø 140 mm, 90 m³/h	15647	1	27	0.180
Strainer 3'', 37 m³/h	15648	1	27	0.180
Strainer 4'', 55 m³/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



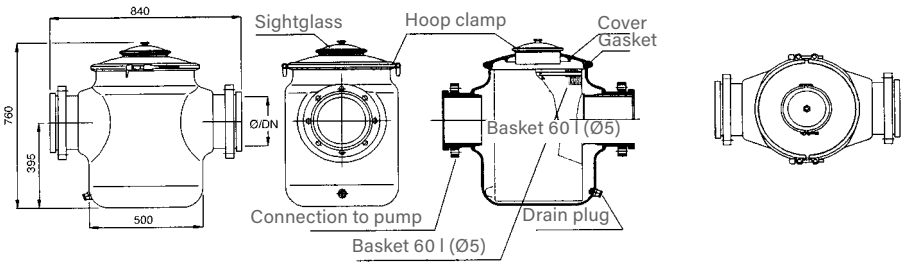


STRAINER in polyester and fibreglass
with sight glass lid 60 l capacity

ASTRALPOOL

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 m³
60 l Capacity				
Connections Ø 160 mm. 118 m³/h	15650	1	39	0.357
Connections Ø 200 mm. 174 m³/h	15651	1	39	0.357
Connections Ø 225 mm. 233 m³/h	15652	1	39	0.357
Strainer 6''. 118 m³/h	15653	1	39	0.357
Strainer 8''. 233 m³/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 m³
25 l Capacity				
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 m³
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 m³
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

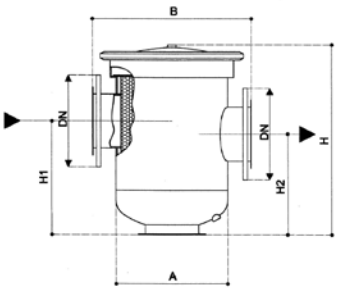
STRAINERS



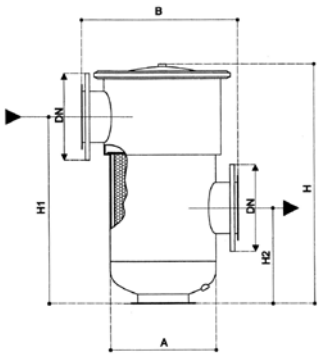
STRAINERS IN STAINLESS STEEL

With removable basket. Housing in AISI-304 and strainer basket in AISI-316. Models come in varying diameters to suit pump suctions (impeller protection). Rough straining for different installations.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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					Interior basket				Total weight
	Input connection	Relief		Dimensions (mm)					Material	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

ASTRALPOOL

Nominal pressure 10 kg/cm². Mounted between flanges. Available in PN 16 and PN 25 under special order.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

ASTRALPOOL

Flanges in galvanized steel. Elastic material: Polychloroprene. Maximum temperature: 95° C. Nominal pressure: 10 kg/cm² (PN/10).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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 are100-120/200-240V 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^3/h)	Max. Pressure (mbar)	Standard Weight kg	Standard Volume m^3
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		





WATER TREATMENT PRODUCTS

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SPA COLLECTION



Live the SPA experience with the NEW AstralPool range

A range of products designed for the care and manintenance of your SPA.



ASTRALPOOL

YOUR POOL CARE STARTS HERE



New AstralPool range
MAINTENANCE
THE 6 STEPS TO MAINTAIN YOUR POOL

M

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?

S

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 m³
Granulate	1" Immediate	All pools	
Tablets	8h	pools with skimmer and sand filter	
Liquid	Daily	Special sand filter	
Concentrated liquid	10 Days	Special liner	
Powder	Recovery	Special tile	

For minimum amounts, ask your dealer

ASTRALPOOL CHEMICAL PRODUCTS

BALANCE



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 m³
Square packaging	1.5 kg	11384	20	600	-
Square packaging	5 kg	74651	4	720	-
Square packaging	40 kg	11974	1	480	-



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 m³
Square packaging	1 kg	16538	20	400	-
Square packaging	5 kg	74896	4	720	-
Square packaging	35 kg	15975	1	630	-



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 m³
For professional use only	10 l	43290	1	480	-
For professional use only	20 l	73140	1	600	-
For all users	10 l	73664	1	480	-
For all users	20 l	73674	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 m³
	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 m³	
Square packaging	6 kg	15976	4	864	-	-

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

ASTRALPOOL CHEMICAL PRODUCTS

BALANCE



ALKALINITY REDUCER ALKA MINUS

ASTRALPOOL

Granulated compound for reducing the total alkalinity of water when it exceeds 150 ppm. Essential for optimal water treatment, preventing pH imbalance.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Square packaging	5 kg	77048	-	-	-

ASTRALPOOL CHEMICAL PRODUCTS

DISINFECTION



CHLORINE SHOCK GRANULATE

ASTRALPOOL

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 m³
Square packaging	1 kg	11393	20	400	-
Square packaging	5 kg	11394	4	720	-
Square packaging	30 kg	11395	1	540	-



CHLORINE SHOCK 30g TABLETS

ASTRALPOOL

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 m³
Square packaging	1 kg	75156	18	432	-
Square packaging	5 kg	75157	4	720	-
0% boric acid Chlorine Shock 30g 0%	5 kg	75370	4	720	-



SLOW-RELEASE CHLORINE GRANULATED

ASTRALPOOL

Trichloride granules with 50% 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 m³
Square packaging	1 kg	11404	20	400	-
Square packaging	5 kg	11405	4	720	-
	30 kg	11406	1	540	-

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

ASTRALPOOL CHEMICAL PRODUCTS

DISINFECTION



SLOW CHLORINE 250G TABLETS

ASTRALPOOL

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 m³
Square packaging	5 kg	75162	4	720	-
	25 Kg	75163	1	450	-
0% boric acid Slow chlorine 250g 0%	5 kg	75303	4	720	-
Slow chlorine 250g 0%	25 kg	75366	1	450	-



SLOW-RELEASE CHLORINE POWDER

ASTRALPOOL

Powdered trichlorine with 90% available chlorine.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
5 kg	11401	4	720	-
30 kg	11402	1	540	-

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.



MULTI ACTION GRANULES

ASTRALPOOL

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 m³
5 kg	15984	4	720	-
30 kg	15985	1	540	-



MULTI-ACTION 250g TABLETS

ASTRALPOOL

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 m³
Square packaging	5 kg	75160	4	720	-
	25 kg	75161	1	450	-
0% boric acid Multiaction 5 250g 0%	5 kg	75304	4	720	-
Multiaction 5 250g 0%	25 kg	75367	1	450	-



BROMINE TABLETS

ASTRALPOOL

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 m³
5 kg	16550	4	400	-
20 kg	28740	1	540	-

ASTRALPOOL CHEMICAL PRODUCTS

DISINFECTANTS



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^3
4.5 kg	72812	4	648	-



CHLORINE AND BROMINE Neutraliser

For removing excess residual chlorine or bromine. Prolongs the effectiveness of chlorine.

- For outdoor pools

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
6 kg	16578	4	864	-

ASTRALPOOL CHEMICAL PRODUCTS

ALGICIDES



ALGICIDE AND CONCENTRATED 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^3
Alguicide				
ASTRAL-500 5 l	11417	4	640	-
ASTRAL-500 25 l	11418	1	600	-
Concentrated alguicide				
ASTRAL-500S concentrated 5 l	11420	4	640	-
ASTRAL-500S concentrated 25 l	11421	1	600	-



ALGICIDE WITH BRIGHTENER

A powerful bactericide, algicide and fungicide.

- Keep the blue and bright water

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
5 l	11414	4	640	-
25 l	11415	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.

For minimum amounts, ask your dealer

ASTRALPOOL CHEMICAL PRODUCTS

ALGICIDES





ALGICIDE EXTRA

ASTRALPOOL

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 m³
5 l	11423	4	640	-
25 l	11424	1	600	-

ASTRALPOOL CHEMICAL PRODUCTS

FLOCCULANTS





LIQUID FLOCCULANT

ASTRALPOOL

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 m³
5 l	11388	4	640	-
25 l	11389	1	600	-

ASTRALPOOL CHEMICAL PRODUCTS

CLEANERS





SURFACE CLEANER

ASTRALPOOL

Extra strong descaler. Acid.

- Eliminates dirt, metals and limescale from the pool surface

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
5 l	11391	4	640	-
25 l	11392	1	600	-





SURFACE CLEANER

for polyester and fibreglass pools

ASTRALPOOL

It combats limescale and grease without damaging pool lining.

- Eliminates dirt, metals and limescale from the pool surface
- Special polyester and fiberglass swimming pools

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
5 l	16558	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.

For minimum amounts, ask your dealer

ASTRALPOOL CHEMICAL PRODUCTS

CLEANERS



WATER LINE DEGREASER Non-foaming

ASTRALPOOL

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^3
5 l	11426	4	640	-
25 l	11427	1	600	-



NETOLINE Water line

ASTRALPOOL

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^3
1 l	40931	12	480	-
5 l	40932	4	640	-



LIQUID FILNET

ASTRALPOOL

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^3
5 l	73557	4	640	-
25 l	73558	1	600	-



FILNET SOLID

ASTRALPOOL

Solid descaler for cleaning the inside of sand filters.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1 kg	15988	20	600	-



ANTI-LIME

ASTRALPOOL

Prevents limescale build-up.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
5 l	11431	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.

ASTRALPOOL CHEMICAL PRODUCTS

CLEANERS



STAINLESS STEEL CLEANER-POLISH

ASTRALPOOL

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^3
5 l	72846*	4	640	-

* New codes replace old codes 18713 and 16630.



SUPER DESCALER

ASTRALPOOL

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^3
5 l	16555	4	640	-

ASTRALPOOL CHEMICAL PRODUCTS

WINTER CARE



WINTERIZER

ASTRALPOOL

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^3
5 l	11430	4	640	-



WINTERIZER COPPER FREE

ASTRALPOOL

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^3
5 l	16553	14	640	-

More power in each drop!
Concentrated product:
0.5 L / 40 - 50 m^3

CHEMICALS FOR SPAS

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^3
1 kg	76685	6	360	-



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^3
1 kg	76686	6	360	-



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^3
1 kg	76687	6	360	-

CHEMICALS FOR SPAS

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^3
1 kg	76688	6	360	-

CHEMICALS FOR SPAS

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^3
1 kg	76689	6	360	-

CHEMICALS FOR SPAS

CRYSTAL CLEAR



ASTRALPOOL SPA COLLECTION Claryfier

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^3
1 kg	76690	6	360	-



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^3
1 kg	76691	6	360	-

CHEMICALS FOR SPAS

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^3
1 kg	76692	6	360	-

CHEMICALS FOR SPAS

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 m³
1 kg	76693	6	360	-



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 m³
1 kg	76694	6	360	-

CHEMICALS FOR SPAS

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 m³
1 kg	76695	6	60	-

CHEMICALS FOR SPAS

ACCESSORIES



ASTRALPOOL SPA COLLECTION Test Strip

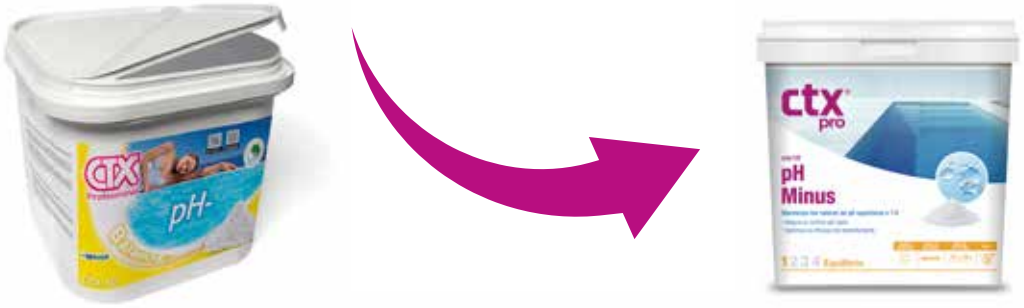
Strips to determine the pH value, chlorine, bromine, alkalinity and hardness of the spa water.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
-	76764	-	-	-

ctx® 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.

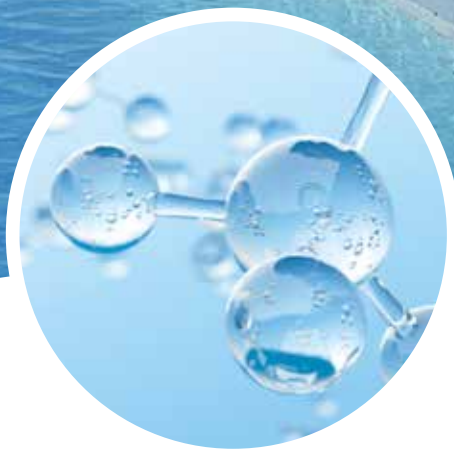


New design



- 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® pro

The caring formula

ctxprofessional.com

CTX CHEMICAL PRODUCTS

BALANCE

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
	IMMEDIATE		150g / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 10 pH Minus	5 kg	74650	4	720	-

CTX 15 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
	IMMEDIATE		120ml / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 15C pH Minus	10 l	28399	1	600	-
CTX 15C pH Minus	20 l	17181	1	480	-

Professional use only

***Only for sale to swimming pool professionals. Subject to European Regulation (EU) 2019/1148 on Explosive Precursors.**

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
	IMMEDIATE		325ml / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 15 pH Minus	10 l	73669	1	600	-
CTX 15 pH Minus	20 l	73670	1	480	-

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.

CTX CHEMICAL PRODUCTS

BALANCE



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
	IMMEDIATE		150g / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
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
	IMMEDIATE		350ml / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m³
CTX 25 pH Plus	20 l	17182	1	480	-

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.

CTX CHEMICAL PRODUCTS

BALANCE



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
	IMMEDIATE		180g / +10ppm / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 21 Alka Plus	6 kg	03212	4	864	-



CTX 10 S ALKA MINUS

Compuesto granulado, para reducir la alcalinidad total del agua, cuando esta sea superior a las 150 ppm.

Es indispensable para un óptimo tratamiento del agua, evitando que se produzca el desequilibrio del pH.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		180g / +10ppm / 10m³

	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m³
CTX 10 S Alka Minus	5 kg	77047	4	772	-



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
	IMMEDIATE		150g / 10ppm / 10m³

	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m³
CTX 22 Calc +	5 kg	03214	4	720	-

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.

CTX CHEMICAL PRODUCTS

DISINFECTION

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
	IMMEDIATE		150g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 200gr Clor Shock	5 kg	03137	4	720	-
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
30g	IMMEDIATE		7 tabletas / 10 m³

		Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
0% boric acid	CTX 250 ClorShock	5 kg	75139	4	720	-
	CTX 250 ClorShock	25 kg	76821	1	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.

CTX CHEMICAL PRODUCTS

DISINFECTION



CTX 12 CHLORINE AND BROMINE NEUTRALISER

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
	IMMEDIATE		10g / -0.5ppm / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 12 Chlorine-bromine neutralizer	6 kg	03211	4	864	C01



CTX 300 CLORLENT

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
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 300/gr ClorLent	6 kg	03147	18	400	-
CTX 300/gr ClorLent	5 kg	03149	4	720	-
CTX 300/gr ClorLent	25 kg	19194	1	450	-



CTX 300 CLORLENT GRANULES

Chlorine treatment for disinfecting swimming pools.

- Essential for continuous pool treatment, as the disinfectant is released as the water needs it.
- Stable chlorine, longer lasting in water.
- Suitable for shock treatment and maintenance.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 300/gr ClorLent	5 kg	03156	4	720	-
CTX 300/gr ClorLent	25 kg	19195	1	450	-
CTX 300/gr ClorLent	50 kg	03159	-	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.

CTX CHEMICAL PRODUCTS

DISINFECTION



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.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
250g	WEEKLY		1 tablet / 25 m³

		Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
0% boric acid	CTX 370 ClorLent	5 kg	75306	4	720	-
	CTX 370 ClorLent	25 kg	75368	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
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 120 Hypocal	5 kg	03130	4	360	-
CTX 120 Hypocal	25 kg	03131	1	600	-



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
	IMMEDIATE		400g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
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.

CTX CHEMICAL PRODUCTS

DISINFECTION



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
	DAILY		500ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
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
	DAILY		15g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 390gr Multiaction	5 kg	07897	4	720	-
CTX 390gt 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
250g	WEEKLY		1 tablet / 25 m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
0% boric acid CTX 342 Multiaction 5	5 kg	75148	4	720	-
CTX 342 Multiaction 5	25 kg	76819	1	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.

CTX CHEMICAL PRODUCTS

DISINFECTION

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
250g	WEEKLY		1 tablet / 25 m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 393 Multiaction 5	5 kg	75307	4	720	-
CTX 393 Multiaction 5	25 kg	75369	1	450	-

0% boric acid

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
20g	WEEKLY		1.0 - 3.0 ppm

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 130 Bromine	5 kg	03183	4	400	-
CTX 130 Bromine	20 kg	27129	1	540	-

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.

CTX CHEMICAL PRODUCTS

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
CONCENTRATED	CONCENTRATED		12ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
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
	WEEKLY		50ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 500 Algastop	5 l	03194	4	640	-
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
	WEEKLY		50ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
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.

CTX CHEMICAL PRODUCTS

ALGICIDES



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
	WEEKLY		25ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 530 Algastop Ultra	5 l	03204	4	640	-
CTX 500C Algastop Power	25 l	03205	1	600	-

POOL CHEMICALS CTX

CRYSTAL CLEAR WATER



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
100g	10 DAYS		1 TABLET UP TO 50m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 42 Flocculant	5 kg	03119	4	720	-
CTX 42 Flocculant	25 kg	03120	1	450	-



CTX 41 FLOCCULANT LIQUID

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
	8h		100ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 41 Flocculant	5 l	03117	4	640	-
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.

CTX CHEMICAL PRODUCTS

CLEANING PRODUCTS



CTX 51 WALLCLEANER PLUS

Cleans the pool basin.

- Removes dirt, metal, and lime from the pool surface.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	30min		2l / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 51 WallCleaner Plus	5 l	03124	4	640	-
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
	IMMEDIATE		SPONGE

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 75 Waterline Cleaner	5 l	03222	4	640	-
CTX 75 Waterline Cleaner	25 l	03223	1	800	-

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.

CTX CHEMICAL PRODUCTS

CLEANING PRODUCTS



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
	4h / 8h		2 l / 10kg sand

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 57 Netafilter	5 l	08671	4	640	-

CTX CHEMICAL PRODUCTS

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
	3 MONTHS		500ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 550 WinterStar	5 l	03226	4	640	-
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
	3 MONTHS		830ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 551 WinterStar Liner	5 l	17228	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.

CHEMICAL PRODUCTS FOR CTX SPAS

BALANCE



CTX 911 PH MINUS

Granulated product to reduce the pH of spa water. Dissolves quickly without leaving residue.

- Improves bathing comfort in the spa.
- Optimises the effectiveness of the disinfectant.
- Prevents limescale formation.

	Format	Code	Standard Pack	Pallet weight	Standard volume in m³
CTX 911 pH Minus	1 kg	75976	6	540	-



CTX 912 PH PLUS

Granulated product to increase the pH of spa water. Dissolves quickly without leaving residue.

- Improves bathing comfort in the spa.
- Optimises the effectiveness of the disinfectant.
- Prevents metal corrosion.

	Format	Code	Standard Pack	Pallet weight	Standard volume in m³
CTX 912 pH Plus	1 kg	75977	6	360	-



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 m³
CTX 913 hardness stabilizer	1 l	75978	6	360	-

CHEMICAL PRODUCTS FOR CTX SPAS

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 m³
CTX 921 bromine tablets	1 kg	75979	6	360	-

CHEMICAL PRODUCTS FOR CTX SPAS

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 m³
CTX 922 granulate chlorine	1 kg	75980	6	360	-

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 m³
CTX 931 clarifyer	1 l	75981	6	360	-



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 m³
CTX 951 anti foam	1 l	75985	6	360	-

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 m³
CTX 941 filter cleaner	1 l	75982	6	360	-



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 m³
CTX 942 surface cleaner	1 l	75983	6	360	-

CHEMICAL PRODUCTS FOR CTX SPAS

CLEANING



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 m³
CTX 943 Pipework Cleaner	1 l	75984	6	360	-

KIT



CTX 971 KIT BROMINE

Kit for the disinfection of spa water with bromine.

- pH-Minus
- Bromine Tablets
- Clarifyer
- Anti foam
- Test Strips

	Format	Code	Standard Pack	Pallet weight	Standard volume in m³
CTX 971 Kit Bromine	-	75987	6	60	-

ESSENCES FOR SAUNAS





ESSENCES FOR SAUNA

Eucalyptus or mint essences. Thanks to their essential oils and refreshing aromas, they relax the bronchial muscles and improve breathing. Product suitable for aromatising the sauna room

after cleaning and disinfecting it.

Ideal for saunas.

They give off a pleasant eucalyptus scent, helping users to relax and breathe more easily.

Directions for use: Regularly pour 1 or 2 capfuls per litre of water into the bucket inside the sauna so that when water is poured onto the heater, it produces a complementary aroma to that obtained by the slow evaporation of the water from the bucket.

	Format	Code	Standard Pack	LR Pallet	Standard volume in m³
CTX-81 Esencia Eucalipto	1 litros	20904	12	384	C04
CTX-81 Esencia Eucalipto	5 litros	07927	4	640	C04
CTX-81 Esencia Eucalipto	25 litros	08666	1	600	C04
CTX-83 Esencia de Menta	1 litros	21258	12	384	C04
CTX-83 Esencia Menta	5 litros	07929	4	640	C04
CTX-83 Esencia Menta	25 litros	08668	1	600	C04

CTX SPA SENSATIONS



CTX SPA SENSATIONS «6 IN 1»

Strips for determining the pH, chlorine, bromine, alkalinity and hardness of spa water.

	Code	Standard Pack	LT Pallet	Standard volume in m³
	75986	-	-	-



WATER ANALYSIS

ASTRALPOOL WATER ANALYSERS



ASTRALPOOL 7 IN 1

Test strips

Quick and easy analysis to assess free chlorine, total chlorine (total bromine), pH, total alkalinity, total hardness and cyanuric acid. Contains 50 test strips per bottle.

Code	Standard Pack	Std weight in kg	Standard volume in m^3
45198	-	-	-



ASTRALPOOL 6 IN 1

Test strips

Quick and easy analysis to assess free chlorine or bromine, pH, total alkalinity, total hardness and cyanuric acid. Contains 50 test strips per bottle.

Code	Standard Pack	Std weight in kg	Standard volume in m^3
76679	-	-	-

It will replace the blue 6-in-1 test strip. Code 71665.



ASTRALPOOL 6 IN 1 SPA COLECCTION

Test strips

Strips for determining the pH, chlorine, bromine, alkalinity and hardness of spa water. Contains 50 test strips per bottle.

Code	Standard Pack	Std weight in kg	Standard volume in m^3
76674	-	-	-

ASTRALPOOL 3 IN 1

Test strips

Quick and easy test to measure free chlorine, pH and alkalinity. Contains 50 test strips per bottle.

Code	Standard Pack	Std weight in kg	Standard volume in m^3
41925	-	-	-

Code	Description	Cyanuric acid 0-300 ppm	Total alkalinity 0-240 ppm	Total Bromine 0-20 ppm	Free chlorine 0-10 ppm	Total chlorine 0-10 ppm	Calcium hardness 0-800 ppm	Oxygen 0-20 ppm (MPS)	pH 6-8	Salinity 0-5,000 ppm
45198	AstralPool 7-in-1 test strips	•	•	•	•	•	•		•	
76679	AstralPool 6-in-1 test strips	•	•	•	•	•			•	
41925	AstralPool 3-in-1 MPS-02 test strips		•					•	•	
76674	AstralPool 6-in-1 SPA test strips		•	•	•	•	•		•	

WATER ANALYSIS

CTX PRO WATER ANALYSERS



CTX 7-IN-1 TEST STRIPS

Quick and easy test to measure free chlorine, total chlorine (total bromine), pH, total alkalinity, total hardness and cyanuric acid. Contains 50 test strips per bottle.

	Code	Standard Pack	Pallet weight kg	Standard volume in m^3
	76648	-	-	-



CTX 6-IN-1 TEST STRIPS

Quick and easy analysis of free chlorine, total bromine, pH, total alkalinity, total hardness and cyanuric acid. Contains 50 test strips per bottle.

	Code	Standard Pack	Pallet weight kg	Standard volume in m^3
	76678	-	-	-



CTX 4-IN-1 TEST STRIPS: FREE CHLORINE

Simple and quick analysis of free chlorine, cyanuric acid, pH and total alkalinity in chlorine-treated swimming pools. Contains 50 test strips per bottle.

	Code	Standard Pack	Pallet weight kg	Standard volume in m^3
	76645	-	-	-



CTX 4-IN-1 TEST STRIPS: FREE BROMINE

Simple and quick analysis of total bromine, pH, total alkalinity and total hardness in bromine-treated swimming pools. Contains 50 test strips per bottle.

	Code	Standard Pack	Pallet weight kg	Standard volume in m^3
	76647	-	-	-

WATER ANALYSIS

CTX PRO WATER ANALYSERS



CTX "3 IN 1" ANALYTICAL STRIPS: MPS-OXYGEN

Quick and easy analysis of oxygen (MPS: monopotassium persulphate), pH and total alkalinity. Contains 50 test strips per bottle.

Code	Standard Pack	Pallet weight kg	Standard volume in m³
76649	-	-	-



CTX SALINITY TEST STRIP

Salinity test strips for checking salt levels. Salinity should be checked regularly depending on how often the water is changed. Contains 50 test strips per bottle.

Code	Standard Pack	Pallet weight kg	Standard volume in m³
76646	-	-	-



CTX SPA SENSATIONS «6 EN 1»

Strips for determining the pH, chlorine, bromine, alkalinity and hardness of spa water. Contains 50 test strips per bottle.

Code	Standard Pack	Pallet weight kg	Standard volume in m³
75986	-	-	-

CTX Analytical Strips:

Code	Description	Cyanuric acid 0-300 ppm	Total alkalinity 0-240 ppm	Total Bromine 0-20 ppm	Free Chlorine 0-10 ppm	Total Chlorine 0-10 ppm	Calcium Hardness 0-800 ppm	Oxygen 0-20 ppm (MPS)	pH 6-8	Salinity 0-5,000 ppm
76648	CTX 7-in-1 test strips	•	•	•	•	•	•		•	
76678	CTX 6-in-1 test strips	•	•	•	•	•			•	
76645	CTX 4-in-1 test strips: Free chlorine	•	•		•				•	
76647	CTX 4-in-1 test strips: Total bromine		•	•			•		•	
76649	CTX 3-in-1 test strips: MPS-oxygen		•					•	•	
76646	CTX salinity test strips									•
75986	CTX 6-in-1 test strips: SPA SENSATIONS		•	•	•	•	•		•	

WATER ANALYSIS

WATER ANALYSERS - OTHER BRANDS



3-IN-1 TEST STRIPS: MPS

ASTRALPOOL

Analyses potassium monopersulfate, pH and total alkalinity. Each bottle contains 50 strips.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	57500	-	-	-



4-IN-1 TEST STRIPS: FREE CHLORINE

ASTRALPOOL

Quick and easy analysis of free chlorine, pH and total alkalinity for chlorine-treated swimming pools. Each bottle contains 50 strips.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	11732	-	-	-



4-IN-1 TEST STRIPS: BROMINE

ASTRALPOOL

Quick and easy analysis of bromine, pH and total alkalinity for bromine-treated pools. Each bottle contains 50 strips.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	52577	-	-	-

While stocks last.



SALINITY ANALYSIS KIT

ASTRALPOOL

Salinity analysis kit for checking salt levels. Salinity should be checked regularly depending on the water changes carried out.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
07937	-	-	-



TRUTEST ANALYTICAL STRIPS

ASTRALPOOL

50 TruTest 3-in-1 test strips (for free chlorine/bromine, pH and total alkalinity).

Code	Standard Pack	Standard weight in kg	Standard volume in m³
40817	-	-	-

Aquackeck test strips:

Code	Description	Cyanuric acid 0-300 ppm	Total alkalinity 0-240 ppm	Total Bromine 0-20 ppm	Free chlorine 0-10 ppm	Calcium hardness 0-1,000 ppm	Oxygen 0-20 ppm (MPS)	pH 6.2-8.4	Salinity Sodium chloride 400-7,000 ppm
11732	4-in-1 test strips: Free chlorine	•	•		•			•	
52577	4-in-1 test strips: Total bromine		•	•		•		•	
57500	3-in-1 test strips: MPS (Oxygen)		•				•	•	
07937	Salinity test strips								•
40817	Truetest test strips		•		•			•	



PHOSPHATE TEST STRIPS

ASTRALPOOL

Test strips for determining the level of phosphates (algae food) in pool water.

- 25 strips per bottle.
- Ideal for all types of pools.
- Reads phosphate levels of 0, 100, 200, 300, 500, 1000 and 2500 ppb test strips.
- In just 15 seconds.

Instructions for use:

1. Fill a small jar with approx. 2.5 cm of pool water.
2. Take a strip from the bottle. Close the bottle and insert the strip into the sample bottle with the pads facing the inside of the bottle; do not bend the strip. Close the sample bottle and turn it upside down 5 times so that the water moves evenly from bottom to top throughout the strip.
3. Remove the cap and take out the test strip.
4. Place the base of the sample tube in the white box on the colour chart until it is positioned on the colour most similar to the sample.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
64291	-	-	-



BASIC PH AND CHLORINE ANALYSIS KIT

ASTRALPOOL

Basic pH and Total Chlorine analysis kit case. It consists of 2 liquid reagents, phenol red for pH and OTO (Ortho-Toluidine) for Total Chlorine.

Modern and practical design. In a blue plastic box.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Total chlorine and pH Total chlorine scale 0.1-3.0 mg/l pH-scale 0.1-8.2	25353	25	4.8	0.019



CHLORINE, BROMINE AND PH COMPARATOR

ASTRALPOOL

Basic pH and Total Chlorine/Total Bromine analyser kit. Consists of 2 liquid reagents, phenol red for pH and OTO (Ortho Toluidine) for Total Chlorine or Total Bromine.

Modern and practical design. In a blue plastic case.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Total Chlorine and pH Total Chlorine - scale 0.1-3.0 mg/l Total Bromine 0.3-6.0 mg/l pH scale 0.1-8.2	26155	25	4.8	0.019



28050



28051

REACTIVE REPLACEMENTS

ASTRALPOOL

	Format	Code	Standard Pack	LR Pallet	Standard volume in m^3
Oto refill	**15 cm^3**	28050	50	2.1	0.020
Phenol refill	**15 cm^3**	28051	50	2.1	0.020
Oto replacement	**250 cm^3**	16623	20	5.5	0.010
Phenol refill	**250 cm^3**	16624	20	5.5	0.010
1 OTO replacement and 1 Phenol replacement.	**15 cm^3**	16610	50	3.5	0.020



16623



16610



BASIC PH AND CHLORINE ANALYSIS KIT

Basic Line

ASTRALPOOL

Basic pH and Total Chlorine Analysis Kit Case It consists of two liquid reagents, phenol red for pH and OTO (ortho-toluidine) for total chlorine.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Basic pH and CL analysis kit (15 ml)	38637	144	8	0.037



BASIC KIT REAGENTS PH AND CHLORINE

ASTRALPOOL

1 OTO refill and 1 Phenol refill.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Oto and phenol reagents for Basic pH and chlorine test kit (15 ml)	38638	144	8	0.037



03253

POOLTESTER

ASTRALPOOL

These are rapid quantitative analysis tests based on colorimetry.

They allow simultaneous, rapid and accurate determination of disinfectant and pH levels.



01419



16374



03182



03187

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Free Chlorine and Low pH Range				
Chlorine range: 0.1- 3.0 mg/l pH range: 6.8 - 8.2	03253	12	2.2	0.007
Free Chlorine and pH High Range				
Chlorine range: 0.5- 6.0 mg/l pH range: 6.8 - 8.2	01419	12	2.2	0.007
Mini. Free chlorine and pH Low range Chlorine range: 0.1-3.0 mg/l pH range: 6.8-8.2	62863	-	-	-
Blister pack. Free chlorine and pH c Chlorine range: 0.1-3.0 mg/l pH range: 6.8-8.2	68067	-	-	-
Total bromine and pH Bromine range: 1.0-8.0 mg/l pH range:6.8-8.2	16374	-	-	-
Oxygen (MKP) and pH Oxygen range: 0-10 mg/l pH range: 6.8-8.2	03182	-	-	-
Biguanidines (PHMB), hydrogen peroxide (H_2O_2) and pH				

WATER ANALYSIS

WATER ANALYSERS - OTHER BRANDS

MINIKIT



These are rapid quantitative analysis tests based on titrimetric methods.

Each kit contains indicators for an average of 30 to 50 tests, measuring containers, necessary accessories and instructions in different languages.

They analyse only one parameter.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Cyanuric acid (stabiliser) **Cyanuric acid range 20-200 mg/l**	03264	-	-	-
Total alkalinity **Total alkalinity range 10-500 mg/l**	03265	-	-	-
Calcium Hardness **Stabiliser range 20-800 mg/l**	03266	-	-	-

MULTITESTER



This PoolCheck 5-in-1 kit (water balance) analyses whether the water has a corrosive or scaling tendency, which is essential for determining whether the water is balanced or not. It contains all the reagents for determining free chlorine, pH, cyanuric acid, total alkalinity, and calcium hardness.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
5-in-1 Multitester **Chlorine range 0.1-3.0 mg/l** **pH range 6.8-8.2** **Cyanuric acid range** **(stabiliser) 20-200** **Total alkalinity range** **20-800 mg/l** **Calcium hardness 20-800 mg/l**	68068	-	-	-

TABLETS FOR POOLTESTER AND MINIKITS



Tablets for analyser kits and minikits. All tablets are boric acid-free due to its reclassification as a health hazard by the ECHA.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Cyanuric acid (stabiliser)	08345	250 unid.	-	-
Cyanuric acid (stabiliser)	08451	100 unid.	-	-
Total alkalinity (Minikit)	08346	250 unid.	-	-
Total alkalinity (Minikit)	18862	100 unid.	-	-
Total Alkalinity	08344	250 unid.	-	-
Total Alkalinity	76456	100 unid.	-	-
DPD nº 1	01424	250 unid.	-	-
DPD nº 1	66722	100 unid.	-	-
DPD nº 4	16219	250 unid.	-	-
DPD nº 4	76455	100 unid.	-	-
Calcium hardness	08347	250 unid.	-	-
Calcium hardness (Cal-Test)	76418	100 unid.	-	-
pH	01426	250 unid.	-	-
pH	08959	100 unid.	-	-
PT Rapid acidifier	515490BT	100 unid.	-	-
Hydrogen Peroxide	515940BT	100 unid.	-	-
PHMB	515890T	100 unid.	-	-

WATER ANALYSERS - OTHER BRANDS

Reagent selection table for the different ranges of CTX comparators:

Parameter	Measuring range	Reagents	Format/ quantity	Code	Alternative code	Pooltester Cl Analyser Kit and pH Low Range (03253)	Pooltestr Cl Free Analyser Kit and pH (01419)	Mini Cl Free Anal(01419yser) Kit and pH Low rang (62863)	Pooltester Blister Cl Free, Br y pH (68067)	Pooltester Bromine Analyser Kit and pH HR (16374)	Pooltester Oxygen (MKP) Analyser Kit and pH (03182)	Pooltester Biguanides (PHMB)/Peroxide Analyser Kit hydrogen peroxide (H_2O_2)/pH (03187)	Minikit Cyanuric Acid Analyser Kit (03264)	Minikit Total Alkalinity Analyser Kit (03265)	Minikit Calcium Hardness Analyser Kit (03266)	Multitester 5-in-1 analyser case (68068)
Cyanuric acid (stabiliser)	20 - 200 mg/L	CyA-Test	TABLET/250	08345	511371BT								•			•
			TABLET/100	08451	511370BT								•			•
Total alkalinity (M)	10 - 500 mg/L	Alka-M	TABLET/250	08346	515321BT									•		
			TABLET/100	18862	515320BT									•		
Total alkalinity (M)	80 - 800 mg/L	Alka-M	TABLET/250	08344	515571BT											•
			TABLET/100	76456	515570BT											•
Total bromine	0.2-6.8 mg/L	DPD Nº 1 Rapid	TABLET/250	01424	511311BT				•							
			TABLET/100	66722	511310BT				•							
Total bromine	1.0-8.0 mg/L	DPD Nº 1 Rapid	TABLET/250	01424	511311BT					•						
			TABLET/100	66722	511310BT					•						
Chlorine	0.1 - 3.0 mg/L	DPD Nº 1 Rapid	TABLET/250	01424	511311BT	•		•	•							•
			TABLET/100	66722	511310BT	•		•	•							•
Chlorine	0.5 - 6.0 mg/L	DPD Nº 1 Rapid	TABLET/250	01424	511311BT		•									
		DPD Nº 1 Rapid	TABLET/100	66722	511310BT		•									
Calcium hardness	10 - 500 mg/L	Calcium Hardness	TABLET/250	08347	515191BT										•	
Calcium hardness	20 - 800 mg/L	CAL-TEST	TABLET/100	76418	515580BT											•
Oxygen	0 - 10 mg/L	DPD Nº 4 Rapid	TABLET/250	16219	511571BT						•					
			TABLET/100	76455	511570BT						•					
Hydrogen peroxide	5 - 50 mg/L	Peróxido hidrógeno HR Rapid	TABLET/100	Enquire	515940BT							•				
pH	6.8 - 8.2	Phenol Red Rapid	TABLET/250	01426	511791BT	•	•	•	•	•	•	•				•
			TABLET/100	08519	511790BT	•	•	•	•	•	•	•				•
pH	6.8 - 8.2	Phenol Red Rapid	TABLET/30	56623	515884	•		•	•							•
Chlorine	0.1 - 3.0	DPD Nº 1 Rapid														
GP Rapid acidifier	Not applicable	Acidifying PT Rapid	TABLET/100	Please enquire	515490BT							•				
PHMB	10 - 100 mg/L	PHMB analysis	TABLET/100	Enquire	515890BT							•				

Portable meters Serie SD

Advantages





Buffer, standard and storage solutions

Lovibond® ® offers all the necessary solutions for maintenance and care when it comes to measuring pH, redox potential and conductivity values. Traceability to NIST is guaranteed.



Protective cap for electrodes

The sensor protection for the SD10 and SD40 can be used to protect the sensitive glass sphere of the pH electrode from mechanical damage.



Lanyard

The safety ring makes it even easier to attach the carrying strap to the unit head. This allows you to comfortably carry any SD series unit around your neck and transport it when you are on the move.



Pocket clip

Thanks to the clip on the device head, all pocket analysers can be easily attached to your trouser pocket, waistband or belt if you need both hands to prepare measurements on the go.



SD10 pH SD30 EC
SD20 ORP SD40 Multi

SD SERIES PORTABLE METERS

ASTRALPOOL

New series of improved analysers.

With Pocket Tester, you can measure pH, ORP, conductivity, salt or TDS in the field in a second.

Pocket Tester, thanks to its waterproof casing (IP67), is ideal for routine checks in swimming pools and spas.

Thanks to the three-colour LED lighting system — blue (measurement), green (calibration) and red (errors) — and the icons on the new display, the analyser is very intuitive and easy to use.

A new multi-parameter version is available. SD40 checks pH, conductivity, salt, TDS and temperature.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Portable meter				
SD10 pH	77338	1	-	-
SD20 ORP	77411	1	-	-
SD30 EC	77189	1	-	-
SD40 Multi	77412	1	-	-

	SD10 pH	SD20 ORP	SD30 EC	SD40 Multi
Parameter	pH/T	ORP/T	Con/TDS/Sal/T	pH/Con/TDS/Sal/T
Measuring Range	pH: 0.00,,,14.00 pH (mV): -1000,,,+1000 mV	ORP: -1000,,,+1000 mV	Con: 0.01 ...20.00 mS/cm TDS: 0.01 ...20.00 ppt Sal: 0.01 ...10 g/l	pH: 0.00... 14.00 Con: 0.01...20.00 mS/cm TDS: 0.01...20.00 ppt Sal: 0.001...10 g/l ppt
Resolution	pH: 0.01 pH (mV): 1	ORB: 1 mV	Automatic scale - Con: 0.1 µS/cm, 1 µS/cm, 0.01 mS/cm Automatic scale - TDS: 0.1 ppm, 1 ppm, 0.01 ppt Sal: 0.01 ppt	pH: 0.01 Automatic scale - Con: 0.1 µS/cm, 1 µS/cm, 0.01 ms/cm Automatic scale - TDS: 0.1 ppm, 1 µS/cm, 0.01 ppt Sal: 0.01 ppt
Accuracy	pH: ± 0.01 (±1 dígito) pH (mV): ± 0.2 % FS	mV: ± 0.2% FS	Con/TDS/Sal: ± % F	pH: ± 0.01 (±1 dígito), pH (mV): ± 0.2 % FS Con/TDS/Sal: ± 1 % FS
Calibration points	1 ...3	1	1 ...3	1 ...3
Automatic standard recognition	United States: 1.68/4.00/7.00/ 10.01/12.45 pH NIST: 1.68/4.01/6.86/9.81/ 12.45 pH	+470 mV (25 °C). Pt Ag/AgCl (3 M KCl)	Con: 84 µS/cm/ 1413 µS/cm/12.88 mS/ cm	pH United States: 1.68/4.00/7.00/ 10.01/12.45 pH NIST: 1.68/4.01/6.86/9.81/ 12.45 pH CON: 84 µS/cm/ 1413 µS/cm/12.88 mS/cm
Limit alarm	Yes		No	
Stability indicator	Yes			
Auto support function	Yes			
Temperature measurement range	0-50°C/32 - 122 °F			
Temperature resolution	0.1 °C			
Temperature accuracy	after 8 minutes			
Automatic switch-off	LCD with three-colour backlight (blue: measurement, green: calibration, red: alarm)			
Display	IP 67			
IP protection	4 x 1.5 V AAA batteries			
Power supply	> 2000 hours			
Battery life	0...60 °C/0...80 % relative humidity (non-condensing)			
Operating conditions	180 x 40 x 40 mm, 151 g			
Dimensions and weight (including batteries)	CE			
Compliance				

WATER ANALYSIS

WATER ANALYSERS - OTHER BRANDS

+ Turbidity measurement is an important parameter for determining the effectiveness of flocculation and filtration. Turbidity is measured in FNU units (formazine nephelometric units), which are identical to NTU units (nephelometric Tturbiurdibtyi dunitits)y. Compact instrument for measuring water turbidity in a quick and accurate analysis. Measured in accordance with EN/ISO 7027

ADVANTAGES

+ Measurement range from 0.01 to 1100 NTU.
+ Infrared light measurements at an angle of 90°.
+ Turbidity analysis in colour analysis.
+ Convenient handling.
+ Convenient handling for 600 measurements without changing batteries.



TB 211 IR TURBIDIMETER

ASTRALPOOL

The TB 211 IR is an instrument that measures turbidity using infrared technology. The measurement range is from 0.01 to 1100 NTU. This product complies with the UNE-ISO 17381 standard. Ideal for public swimming pools. 8-second measurement cycle. It has high resolution and accuracy in measurements.

- Optics with thermal compensation and photosensor amplifier in the waterproof measuring compartment.
- Memory for up to 1000 data fields.
- USB cable included for direct data transfer to a PC.

Recommendation for use: follow the instructions accompanying the equipment carefully. The cuvettes must be cleaned and r inse d thoroughly after each test. Always perform the analysis with dry hands.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	72689	1	-	-



62385-5

BUCKETS

ASTRALPOOL

Cells D24mm x H55mm for Turbidimeter TB 211 IR.

	Código	Pack estándar	Peso Std en kg	Volumen estándar en m^3
Turbichek buckets	62385-5	5	-	-
Turbichek bucket	62385	1	-	-



62385



MD-100 AND MD-110 PHOTOMETERS

ASTRALPOOL

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^3
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

ASTRALPOOL

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^3
MD200 3-in-1 Photometer	54567	1	1.0	0.049
MD200 5-in-1 Photometer	54568	1	1.0	0.049
MD200 6-in-1 Photometer	55152	1	1.0	0.049
MD200 3 en 1 Br Photometer	57673	1	1.0	0.049



REAGENT REPLACEMENTS for photometers

ASTRALPOOL

Tablets for PC Checkit, Checkit Direct, MD100, MD110, MD200, and ScubaII photometers. All tablets are boric acid-free due to its reclassification as a health hazard by the ECHA.

	Format	Code	Standard Pack	LR Pallet	Standard volume in m³
Reagent refills					
Cyanuric acid (stabiliser)	100 un.	08451	-	-	-
Cyanuric acid (stabiliser)	250 un.	08345	1	0.1	0,04
Total alkalinity	100 un.	08374	-	-	-
Total alkalinity	250 un.	08373	-	-	-
Calcium-H No.1 + Calcium-H No.2	100 + 100 un.	45213	-	-	-
DPD No. 1	100 un.	08447	-	-	-
DPD No. 1	250 un.	03009	1	0.1	0.04
DPD No. 1 High calcium (hard water)	100 un.	32082	-	-	-
DPD No. 1 High Chlorine (0-10 ppm)	100 un.	52634	-	-	-
DPD No. 3 EVO	100 un.	76897	-	-	-
DPD No. 3 EVO	250 un.	76472	1	0.1	0.04
DPD No. 3 High Chlorine (0-10 ppm)	100 un.	52635	-	-	-
DPD No. 4 (=DPD No. 1+DPD No. 3)	100 un.	08449	-	-	-
DPD No. 4 (=DPD No. 1+DPD No. 3)	200 un.	08450	-	-	-
MPS-Out to determine Combined Cl when using CTX-100/GR	250 un.	08679	1	0.1	0,04
Phenol Red	250 un.	03019	1	0.1	0.04
Phenol Red	100 un.	08372	-	-	-

*For other reagents, please consult Fluidra Customer Service



ANALYSIS ACCESSORIES

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
10 ml D 24 mm round cuvettes for Checkit Direct, MD100, MD110, MD200 and PoolDirect photometers	19029	12	-	-
13 cm long plastic rod	08432	50	-	-

ANALYSIS ACCESSORIES

Reagent selection table for the different ranges of CTX photometers:

Parameter	Measuring range	Reagents	Format / Quantity	Code	Alternative code	MD 100 (52629)	MD 100 (52630)	MD 100 (52632)	MD 100 (52633)	MD 110 (68070)	MD 110 (68071)	MD 110 (68072)	MD 200 (54567)	MD 200 (54568)	MD 200 (55152)	MD 200 (57673)	SCUBA II (68073)	SCUBA III (76890)
Cyanuric acid (stabiliser)	0 - 160 mg/L	CyA-Test	TABLET/100	08451	511370BT		•	•	•	•	•	•	•	•	•		•	•
			TABLET/250	08345	511371BT		•	•	•	•	•	•	•	•	•		•	•
Alkalinity-M	5 - 200 mg/L	Alka-M-Photometer	TABLET/250	08373	513211BT			•	•		•	•		•	•		•	•
			TABLET/100	08374	513210BT			•	•		•	•		•	•		•	•
Total bromine	0.05-13 mg/L	DPD N° 1	TABLET/250	03009	511051BT				•			•			•	•	•	•
			TABLET/100	08447	511050BT				•			•			•	•	•	•
Chlorine	0.01 - 6 mg/L	DPD N° 1	TABLET/250	03009	511051BT	•	•	•	•	•	•	•	•	•	•	•	•	•
			TABLET/100	08447	511050BT	•	•	•	•	•	•	•	•	•	•	•	•	•
		DPD N° 1 hard water	TABLET/100	32082	515740	•	•	•	•	•	•	•	•	•	•	•	•	•
		DPD N° 3 EVO	TABLET/250	76472	511081BT	•	•	•	•	•	•	•	•	•	•	•	•	•
			TABLET/100	76897	511421BT	•	•	•	•	•	•	•	•	•	•	•	•	•
HR Chlorine	0 - 10 mg/L	DPD N° 1	TABLET/100	52634	511420BT	•	•	•	•	•	•	•	•	•	•	•		
		DPD N° 3 EVO HR	TABLET/100	76899	511920BT	•	•	•	•	•	•	•	•	•	•	•		
Calcium hardness	0 - 500 mg/L	Calcium Pack H N° 1 + N° 2	TABLET/2 x 100	45213	517761BT			•	•			•		•	•			•
pH	6.5 - 8.4	Phenol Red	TABLET/250	03019	511771BT	•	•	•	•	•	•	•	•	•	•	•	•	•
			TABLET/100	08372	511770BT	•	•	•	•	•	•	•	•	•	•	•	•	•

WATER-I.D.®

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WATER ANALYSIS EQUIPMENT

PoolLAB 2.0®

PHOTOMETER



- MEASURES THREE PARAMETERS IN PARALLEL
- 24 PARAMETERS *Pool*
- BLUETOOTH® AND WIFI
- LARGE COLOR DISPLAY
- INTERCHANGEABLE CUVETTE
- 4 WAVELENGTHS (460|525|565|625 NM)
- IP67 WATERPROOF RATING
- FREE SOFTWARE | APP | CLOUD
- REAGENTS IN TABLETS | LIQUIDS | POWDER

24 PARAMETERS *Pool*:

Chlorine (free, combined, total) | pH value | Alkalinity (acid capacity) | Cyanuric acid (stabiliser) | Active oxygen (MPS)* Bromine** | Chlorine dioxide** | Ozone** | Hydrogen peroxide* Aluminium* | Ammonium* | Calcium Hardness* | Chlorine* Copper* | Iron* | Nitrate* | Phosphate* | PHMB* | Potassium* | Nitrite* | Sulphate* | Total hardness* | Urea* | Zinc*

SOFTWARE AND APPLICATION



CLOUD



SCAN ME!



*REQUIRES REAGENTS NOT INCLUDED IN THE BASIC KIT
**REQUIRES GLYCINE TABLETS IF CHLORINE IS PRESENT IN THE SAMPLE GLYCINE TABLETS ARE NOT INCLUDED IN THE BASIC KIT

PoolLAB 2.0® PHOTOMETER



REAGENTS FOR PHOTOMETERS

ASTRALPOOL

PoolLab® 2.0 is the perfect solution for professional water analysis in swimming pools and spas. The triple fixed but interchangeable measuring cuvette allows for quick sampling by immersing the IP68 waterproof PoolLab® in the water.

The nine keys provide direct access to the ZERO position (only required once per measurement group) and to the 24 different pool water parameters. PoolLab® 2.0 features integrated Bluetooth® and Wi-Fi for manual connection to the free LabCom® software and app or for automatic data synchronisation with LabCom® Cloud.

The analysis results are always assigned to the measurement source accounts that you have created individually. The LabCom® software and app allow you, among other things, to print reports, calculate active chlorine content and even receive dosage recommendations based on the water treatment products entered by the user. It is also possible to calculate the LSI index via the software and app.

A free cloud service — with which PoolLab® 2.0 can automatically synchronise data via Wi-Fi — ensures that the software and app always use the same database.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
PoolLab® 2.0	76366	1	-	-
Reactive tablets (50 units)				
Cyanuric acid (stabiliser)	76969	1	-	-
DPD No. 1	76964	1	-	-
DPD No. 3	76965	1	-	-
DPD No. 4	76966	1	-	-
Copper No. 1	77267	1	-	-
Copper No. 3	77268	1	-	-
Total hardness	77269	1	-	-
HR phosphate No. 1	77263	1	-	-
HR phosphate No. 2	77264	1	-	-
LR phosphate No. 1	77265	1	-	-
LR phosphate No. 2	77266	1	-	-
Iron LR	77429	1	-	-
Nitrate LR No. 1	77424	1	-	-
Nitrate LR No. 2	77428	1	-	-
Nitrite LR	77426	1	-	-
Phenol red	76967	1	-	-

*For other reagents, please consult Fluidra Customer Service

	Parameters				
Active oxygen (MPS)	0.00 - 20.0 mg/l (ppm)*	--	Iron LR	0.00 - 1.00 mg/l (ppm)*	individual
Alkalinity	0 - 200 mg/l (ppm)	--	Nitrate	1 - 50 mg/l (ppm)*	individual
Aluminium	0.00 - 0.30 mg/l (ppm)*	individual	Nitrite (LR)	0.00 - 1.50 mg/l (ppm)**	individual
Ammonia	0.00 - 120 mg/l (ppm)*	individual	Ozone	0.00 - 4.00 mg/l (ppm)**	0.00 - 2.70 mg/l (ppm)***
Bromine	0.00 - 13.0 mg/l (ppm)**	0.00 - 9.00 mg/l (ppm)***	pH	6.50 - 8.40 pH	6.50 - 8.40 pH*
Calcium hardness	individual	0 - 500 mg/l (ppm)*	pHMB	5 - 60 mg/l (ppm)*	--
Chloramines	0.00 - 6.00 mg/l (ppm)*	--	Phosphate (LR)	0.00 - 4.00 mg/l (ppm)*	individual
Chlorine (fCl | oCl | tCl)	0.00 - 6.00 mg/l (ppm)	0.00 - 4.00 mg/l (ppm)*	Phosphate (HR)	0 - 80 mg/l (ppm)*	individual
Chlorine (HR)	5 - 200 mg/l (ppm)*	--	Potassium	0.70 - 120 mg/l (ppm)**	--
Chlorine dioxide	0.00 - 11.00 mg/l (ppm)**	0.00 - 7.50 mg/l (ppm)**	Sulphate	5 - 100 mg/l (ppm)*	--
Copper	0.00 - 5.00 mg/l (ppm)*	--	Total hardness	--	0 - 500 mg/l (ppm)*
Cyanuric acid	0 - 100 mg/l (ppm)	--	Urea	0.10 - 250 mg/l (ppm)*	individual
Hydrogen peroxide (LR)	0.00 - 240 mg/l (ppm)*	--	Zinc	0.10 - 1.00 mg/l (ppm)*	--
Hydrogen peroxide (HR)	0 - 180 mg/l (ppm)*	--			

POOL LAB PARAMETERS AND REAGENTS

Parameter	Measurement range	Reagents	Format / Quantity	Code	Alternative code
Cyanuric acid (stabiliser)	0 - 100 mg/l	CyA-Test	TABLET/50	76969	TbsPCAT50-CLP
Alkalinity-M	0 - 200 mg/l	Alka-M-Photometer	TABLET/50	76968	TbsPTA50
TOTAL BROMINE	0.00-13 mg/l	DPD No.1	TABLET/50	76964	TbsPD150
COPPER	0-.00-5.00 mg/l	CUPPER No.1	TABLET/50	77267	TbsHCu150
		CUPPER No. 2	TABLET/50	77268	TbsPCu250
FREE CHLORINE	0.00 - 6.00 mg/l	DPD No. 1	TABLET/50	76964	TbsPD150
TOTAL CHLORINE	0.00 - 6.00 mg/l	DPD No. 1	TABLET/50	76964	TbsPD150
		DPD No. 3	TABLET/50	76965	TbsPD350-CLP
TOTAL CHLORINE	0.00 - 6.00 mg/l	DPD No. 4	TABLET/50	76966	TbsPD450-CLP
TOTAL HARDNESS	0 - 500 mg/l	Total Hardness	LIQUID/50	77269	POL2010TH12-CLP
HR PHOSPHATES	0.00-4.00 mg/l	Phosphate HR No. 1	BAG/50	77263	PPHPPHR150-CLP-FS
		Phosphate HR No. 2	TABLET/50	77264	TbsPPPHR250-CLP
PHOSPHATES LR	0-80 mg/l	Phosphate LR No. 1	BAG/50	77265	PPHPPLR150-CLP-FS
		Phosphate LR No. 2	TABLET/50	77266	TbsPPPLR250-CLP
IRON LR	0.00-1.0 mg/l	Iron LR Photometer	TABLET/50	77429	TbsPILR50
NITRATE	1-50 mg/l	NITRATE No. 1	BAG/50	77424	PPHNitra150-CLP-FS
		NITRATE No. 2	BAG/50	77428	PPPNitra250-FS
NITRITE LR	0.00-1.50 mg/l	NITRITO LR	BAG/50	77426	PPPNILR50-CLP-FS
pH	6.50 - 8.40	Phenol Red	TABLET/50	76967	TbsPph50

SMART POOL ASSISTANTS



FLUIDRA POOL

AQUA CONNECT

ASTRALPOOL

Professional pool assistant with new-generation smart connection and a completely new pipe installation format to obtain essential water parameters, advice and recommendations on chemicals using the Fluidra Pool app.

- Temperature, pH, ORP, salinity - Gold sensor for use with salt water. Higher reading frequency.
- Works with Bluetooth and Wi-Fi (remote access from anywhere).
- DC power supply.
- Fluidra Pool Premium INCLUDED: Water quality notification LED integrated into the device, enhanced features and much more.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	WA000102	1	-	-

SMART POOL ASSISTANTS: ACCESSORIES



FIT50

ASTRALPOOL

50 mm protective cap. For in-line installation in pipes (better integration and more accurate reading).

Compatible with Blue Connect Silver, Blue Connect Gold and Blue Connect Pro.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
50 mm clamp.	7015C002	1	-	-



CALIBRATION KIT

ASTRALPOOL

For calibrating the Blue Connect sensor. It is recommended to calibrate it once a year, depending on usage.

- 2 x 20 ml packs of pH4.
- 2 x 20 ml packs of pH7.
- 2 x 20 ml packs of ORP 468 mV.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	71666	6	-	-



BATTERY

ASTRALPOOL

Battery for Blue Connect.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	7015C001	1	-	-



SENSOR

ASTRALPOOL

Sensors for Blue Connect:

- 3-in-1 Pt sensor: compatible with pools and spas that use chlorine and bromine.
- Au 4-in-1 sensor: compatible with pools and spas that use chlorine, bromine, and salt.
- Also compatible with Blue Connect Silver, Blue Connect Gold, Blue Connect Pro and Aqua Connect.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Au 4-in-1 sensor	7015R002	1	-	-
Pt 3-in-1 sensor	7015R003	1	-	-



EXTENDER

ASTRALPOOL

Wi-Fi bridge. With Blue Extender, use Blue Connect with a Wi-Fi network.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	7015C004	1	-	-



WATER TREATMENT EQUIPMENT

231 SALT ELECTROLYSIS
232 Pro-chlore Salt
233 Nature Salt Plus
234 Easy Salt
235 Easy Salt Next VC
235 Self-cleaning electrodes

236 NEOLYSIS
236 Neolysis S (5-6 g/L) + UV
237 Neolysis LS (1.5-2 g/L) + UV
238 LS/S Neolysis lamps
238 LS/S Neolysis electrodes

239 AUTOMATIC UV DISINFECTION
239 Heliox UV LP / MP
240 Heliox UV MP
241 Heliox UV MP lamps
241 Heliox UV LP
241 Heliox UV LP S.S. (Stainless Steel)
242 Heliox UV LP PE (PolyEthylene)
242 Heliox UV LP lamps

243 DOSING PUMPS
243 Acqua Dos Dosing pumps
246 Optima dosing pumps
248 Peristaltic dosing pumps
248 Polyethylene cylindrical tanks
249 Manual stirrer

249 CONTINUOUS FLOCCULATION SYSTEM
249 Floc System

249 WATER METERS
249 Woltman type turbine meters

250 AUTOMATIC REGULATION AND CONTROL EQUIPMENT
250 AP PR-200
Compatible with water electrolysis
250 Control Connect
The smart multi-setting controller
251 Amperometric Chlorine Sensors
251 pH / ORP Sensors
251 Calibration Solutions
252 Guardian Pool
253 Controller
254 Installation diagram for organic Chlorine or Bromine
255 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

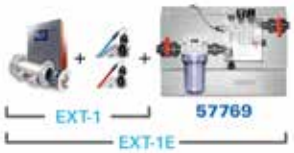
ASTRALPOOL

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 m³
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	-	-



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

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 mm²	3 x 1.0 mm²	3 x 2.5 mm²	5 x 1.5 mm²	5 x 4 mm²	5 x 4.0 mm²
Output (DC)	2 x 10 mm²	2 x 25 mm²	2 x 35 mm²	2 x 70 mm²	2 x 120 mm²	3 x 240 mm²
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 m³/h	14 m³/h	20 m³/h	30 m³/h	50 m³/h	100 m³/h
Number of plates per electrode	8	12	8	12	16	2 x 15

SALT ELECTROLYSIS

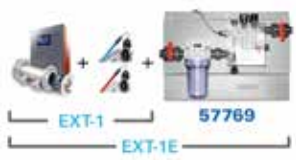


NATURE SALT PLUS

ASTRALPOOL

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).









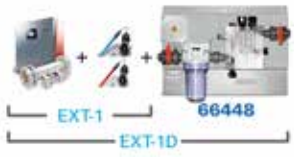


	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Nature Salt 50EX/LS	53810	1	80	0.17
Nature Salt 80EX/LS	53811	1	90	0.19
Nature Salt 120EX/LS	53812	1	130	0.36
Nature Salt 180EX/LS	53813	1	145	0.36
Nature Salt 300EX/LS	53814	1	170	0.36
External control option (AP PR 60359-60361-60362, Control 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				
Optional:				
Connection kit compatible with Fluidra Connect	60363	1	0.39	0.002

SALT ELECTROLYSIS









EASY SALT

ASTRALPOOL

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^3
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
External control option (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
Optional sensor holder for EXT-1 (EXT-1+66448 = EXT-1D)	66448	1	-	-
Optional:				
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

ASTRALPOOL

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.





Fluidra Connect compatible

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pro-Chlore Salt Series				
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	-	-
Nature Salt Plus Series				
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	-	-
Easy Salt Series				
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	-	-
Easy Salt Next VC Series				
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	-	-

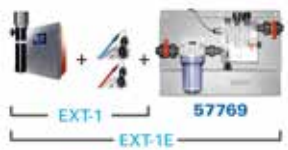


NEOLYSIS

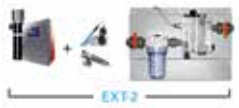
+ Unbeatable water quality.
+ Dual disinfection based on UV and electrolysis.

- **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).**





EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2



NEOLYSIS S (5-6 G/L) + UV

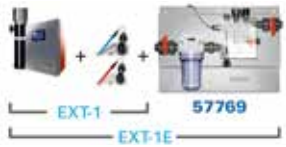
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AP NEO/S 50 Gr/h + UV 75 W	66142	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66143	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66144	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68120	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68123	1	-	-
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
With pH/ORP (EXT-1)				
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	-	-
With pH/PPM (EXT-2)				
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	-	-
Optional:				
Connection kit compatible with Fluidra Connect (without lamp control)	60363	1	0.39	0.002

TECHNICAL FEATURES

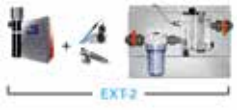
AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Production Salt Electrolysis + UV
66142	66145	66148	50 gr Cl_2 /hr + 75 W UV
66143	66146	66149	80 gr Cl_2 /hr + 90 W UV
66144	66147	66150	120 gr Cl_2 /hr + 180 W UV
68120	68121	68122	180 gr Cl_2 /hr + 270 W UV
68123	68124	68125	300 gr Cl_2 /hr + 360 W UV

NEOLYSIS





EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2



NEOLYSIS LS (1.5-2 G/L) + UV

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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)				
With pH/ORP (EXT-1)				
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	-	-
With pH/PPM (EXT-2)				
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	-	-
Optional:				
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_2 /hr + 75 W UV
57761	57764	57767	80 gr Cl_2 /hr + 90 W UV
57762	57765	57768	120 gr Cl_2 /hr + 180 W UV
68117	68118	68119	180 gr Cl_2 /hr + 270 W UV

NEOLYSIS

LS/S NEOLYSIS LAMPS



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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 m³
Neolysis LS				
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	-	-
Neolysis S				
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

ASTRALPOOL

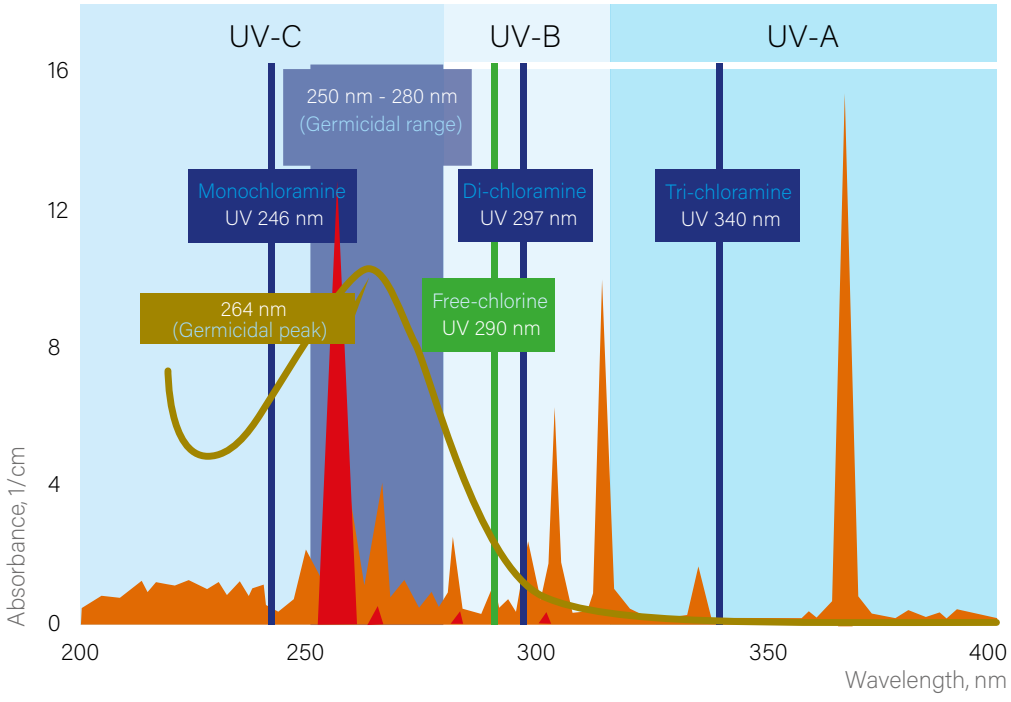


For sea water application, contact with AstralPool

- 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/cm²). 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/cm². 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 presure Heliox lamp spectral power distribution
Low presure Heliox lamp spectral power distribution
DNA absorption (Germicidal curve)
Absorption range
Free chlorine absorption range

AUTOMATIC UV DISINFECTION



HELIOX UV MP

ASTRALPOOL

+ 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 m³
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

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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	-



Chemical Reduction

HELIOX UV LP

ASTRALPOOL

+ 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)

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
I45 S.S. 270 W / 90 W (UVC)	60344	1	-	-
I65 S.S. 360 W / 120 W (UVC)	60345	1	-	-
I85 S.S. 450 W / 150 W (UVC)	60346	1	-	-
I95 S.S. 540 W / 180 W (UVC)	60347	1	-	-

AUTOMATIC UV DISINFECTION





HELIOX UV LP PE (PolyEthylene)

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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/cm²) Freshwater	Flow rate (35 mJ/cm²) Seawater	Flow rate (60 mJ/cm²) Freshwater	No. Lamps	Rated / UV-C power	Total height	Ø reactor
Stainless steel	60344	UV LP 45	45 m³/h	-	30 m³/h	3X90 w	90 UV-C (W)	1092	204
Stainless steel	60345	UV LP 65	65 m³/h	-	40 m³/h	4X90 w	120 UV-C (W)	1092	204
Stainless steel	60346	UV LP 85	85 m³/h	-	45 m³/h	5X90 w	150 UV-C (W)	1092	204
Stainless steel	60347	UV LP 95	95 m³/h	-	55 m³/h	6X90 w	180 UV-C (W)	1092	204
PE	60348	UV LP P35	35 m³/h	20 m³/h	20 m³/h	3X90 w	90 UV-C (W)	1020	250
PE	60349	UV LP P45	45 m³/h	25 m³/h	25 m³/h	4X90 w	120 UV-C (W)	1020	250
PE	60354	UV LP P60	60 m³/h	30 m³/h	35 m³/h	5X90 w	150 UV-C (W)	1020	250
PE	60358	UV LP P70	70 m³/h	35 m³/h	40 m³/h	6X90 w	180 UV-C (W)	1020	250
PE	63138	UV LP 20 EX	12 m³/h	7 m³/h	7 m³/h	1X90 w	30 UV-C (W)	950	200
PE	63139	UV LP 25 EX	20 m³/h	13 m³/h	13 m³/h	2X90 w	60 UV-C (W)	950	200
PE	63140	UV LP 30 EX	30 m³/h	19 m³/h	18 m³/h	3X90 w	90 UV-C (W)	950	200
PE	63135	UV LP P95	130 m³/h	61 m³/h	76 m³/h	2X340 w	204 UV-C (W)	1319	315
PE	63136	UV LP P140	193 m³/h	91 m³/h	112 m³/h	3X340 w	306 UV-C (W)	1319	315
PE	64347	UV LP P180	253 m³/h	120 m³/h	148 m³/h	4X340 w	408 UV-C (W)	1319	315
PE	64348	UV LP P220	312 m³/h	149 m³/h	182 m³/h	5X340 w	510 UV-C (W)	1319	315
PE	64349	UV LP P260	369 m³/h	177 m³/h	215 m³/h	6X340 w	612 UV-C (W)	1319	315
PE	63137	UV LP P300	432 m³/h	209 m³/h	252 m³/h	7X340 w	714 UV-C (W)	1319	315





HELIOX UV LP LAMPS

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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.

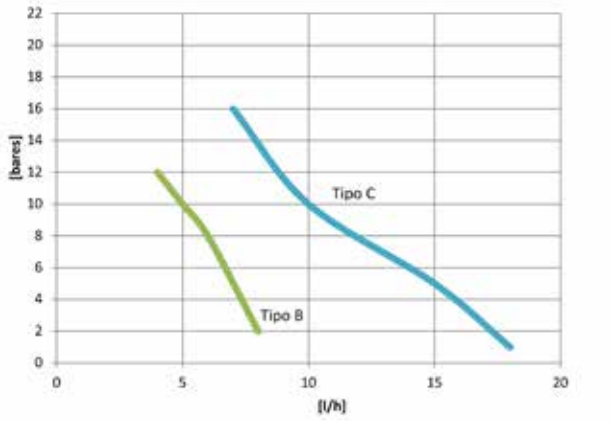
Acqua Dos series are equipped with a manually priming pump for the start up.

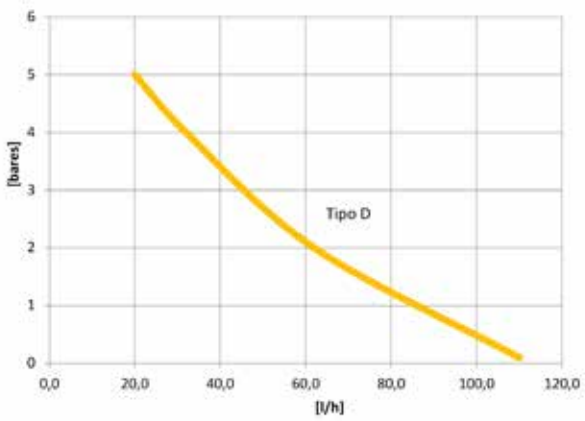
The pump is furnished with a complete standard installation kit, which includes: PVDF foot filter and injection valve, PVC suction tube, PE delivery tube, wall and base fixing bracket.

Installation kit included.









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^3
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^3
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^3
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^3
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^3
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^3
76210	1	-	-

SENSOR LEVEL



Sensor level for Acqua Dos and Optima dosing pumps.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
51454	1	-	-

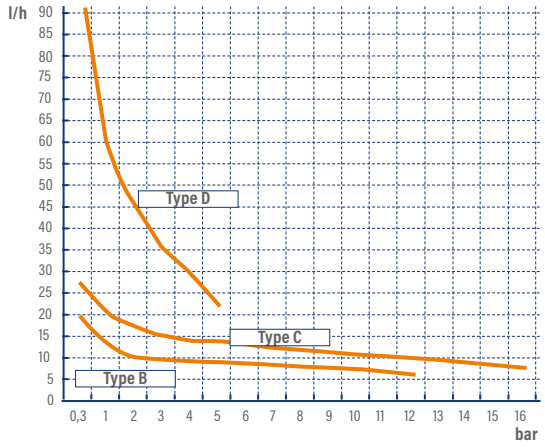




OPTIMA DOSING PUMPS

ASTRALPOOL

+ 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 248).



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^3
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^3
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 m³
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 m³
	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 m³
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 m³
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

ASTRALPOOL

For Polyethylene tanks.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Length 60 cm	01318	1	0.5	0.010
Length 90 cm	01319	1	1.2	0.020

CONTINUOUS FLOCCULATION SYSTEM



FLOC SYSTEM

ASTRALPOOL

Automation flocculant dosing adjustable flow water pools. Includes: adjustable pump from 151 cm³/h until 1.5 l/h, injector valve, bottom filter, suction and return tube.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	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 m³
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

60359



60361



60362



AP PR-200

Compatible with water electrolysis

ASTRALPOOL

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 m³
AP PR-206 pH/ORP	60359	1	-	-
AP PR-207 pH/Cl2 PPM	60361	1	-	-
AP PR-204 Cl2 PPM	60362	1	-	-
With integrated TRI KIT				
AP PR-206 pH/ORP	60359+70338(KIT TRI)	1	-	-
AP PR-207 pH/Cl2 PPM	60361+70338(KIT TRI)	1	-	-
AP PR-204 Cl2 PPM	60362+70338(KIT TRI)	1	-	-
Optional:				
TRI kit, 3-unit simultaneous control	70338	1	-	-







CONTROL CONNECT

The smart multi-setting controller

ASTRALPOOL

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 m³
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


60645


60646


60647

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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


60648


60649

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
pH combined sensor	60648	1	0.20	-
ORP sensor	60649	1	0.20	-

CALIBRATION SOLUTIONS


60618


60632


60633

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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	-



GUARDIAN POOL

ASTRALPOOL

+ 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.



72700



72701



72702



72703



72704



72705

Technical Specifications:

- Innovative design.
- 7 " touch screen (240x128 pixels backlit display).
- Modular probel 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 .

Fluidra Connect compatible

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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			✓	✓	✓	✓	✓
Sensors	ORP			✓		✓	✓	
Sensors	Temperature	✓	✓	✓	✓	✓	✓	✓
Sensors	2 ppm free chlorine (*)		✓					
Sensors	10 ppm free chlorine (*)	✓			✓	✓	✓	✓
Sensors	10 ppm total chlorine (*)						✓	
Sensors	Chlorine Combinado						✓	
Sensors	Turbidez 10 NTU						✓	✓

(1) PT-100 temperature sensor included. (2) ORP probe with gold cathode (Au)..



Fluidra Connect compatible

CONTROLLER

ASTRALPOOL

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

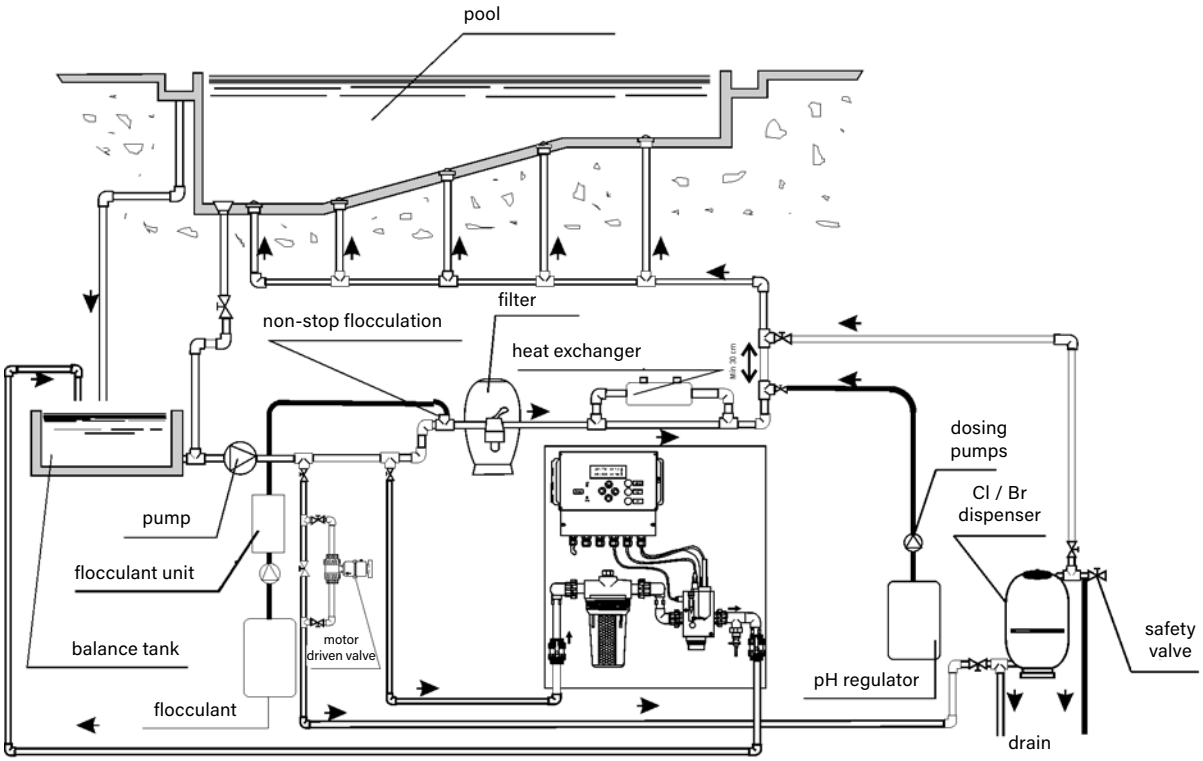
- Range of available sizes depending of the sensor selected.
- Range available for free chlorine: 0-2, 0-5 0-10, 0-20 and 0-200 ppm.
- pH range: 0–14.
- ORP range: +/-1500 mV.
- Temperature range: 0–50°C.
- Measurement of stable chlorine with low pH dependence.
- Self-calibration of all sizes.
- Alarm 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:

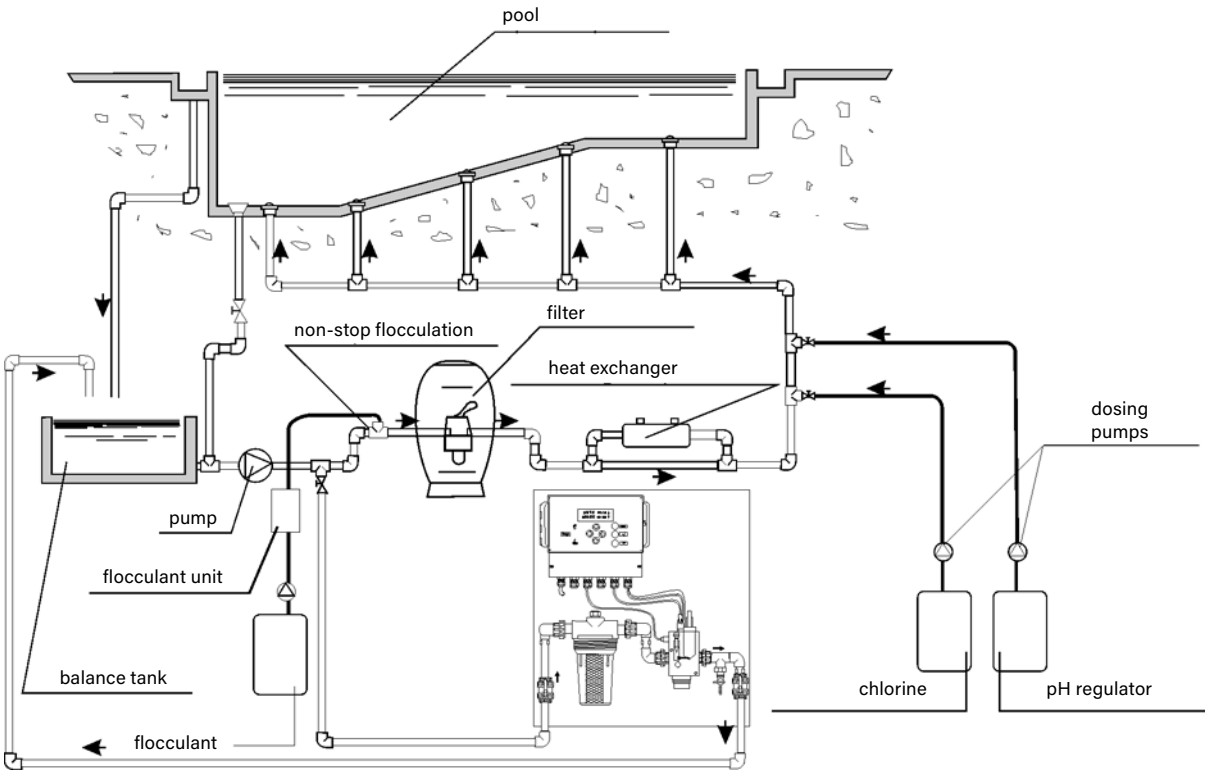
- Methacrylate sensor holder, with flow regulator, sample taking valve and flow sensor.
- Filter holder and 80 micron filter cartridge for water inlet.
- DPD calibration standard solutions.
- Assembly accessories, and instruction and installation manual.
- Sensors depending on version.

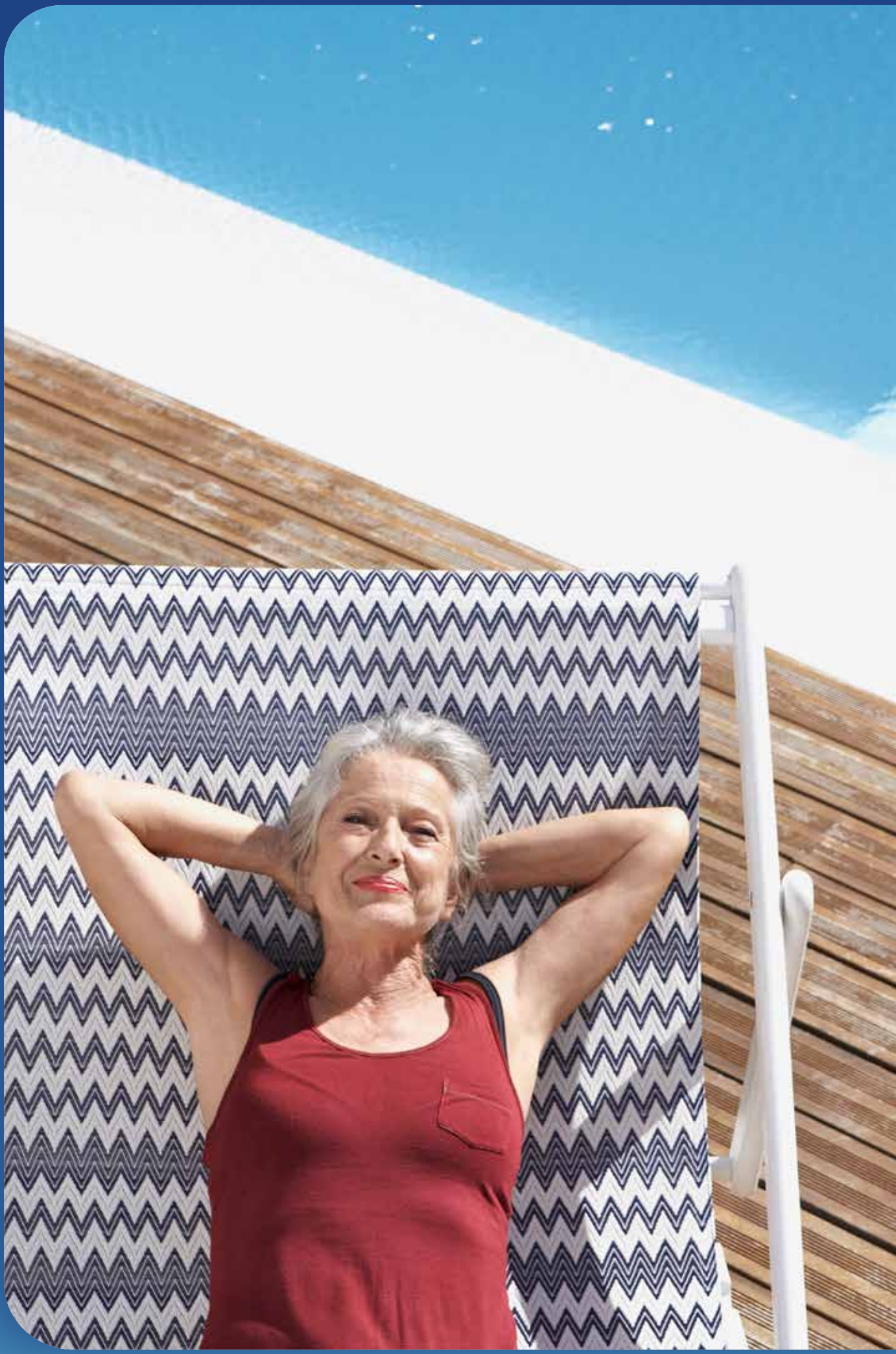
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Controller pH / Redox	66178	1	-	-
Controller pH / Free Chlorine	66177	1	-	-
Controller pH / ORP / Free Chlorine	66176	1	-	-
Controller Free Chlorine	66175	1	-	-
pH/Amperometric-free chlorine sensor	66168	1	-	-
pH/ORP/Amperometric free chlorine sensor	66169	1	-	-
Controller pH / ORP / Free Chlorine / Total amperometric chlorine	66170	1	-	-

INSTALLATION DIAGRAM FOR ORGANIC CHLORINE OR BROMINE



INSTALLATION DIAGRAM FOR INORGANIC CHLORINE





CLEANING

258 AUTOMATIC COMMERCIAL POOL CLEANERS
259 Vortrax TRX 8500 iQ
260 Vortrax TRX 8700 iQ
261 Arco
262 Arcomax

ZODIAC®

AUTOMATIC COMMERCIAL POOL CLEANERS

				
Models	TRX 8500 iQ	TRX 8700 iQ	ARCO	ARCOMAX
Coatings	Gresite, liner, polyester shell, reinforced PVC, painted concrete			
Shapes	Rectangular, oval, freeform			Rectangular
Pool dimensions	Ideal for small and medium-sized public pools (hotels, campsites, etc.) up to 20 m in length	Ideal for medium-sized public pools (sports centres, municipal pools, campsites, hotels, etc.) up to 25 m in length	Ideal for medium-sized public pools (sports centres, hotels, etc.) up to 30 m in length	Ideal for medium and large public swimming pools (sports centres, etc.) up to 50 m in length
Bottoms	Flat, gentle slope, composite slope and diamond tip			
Cable length	25 m	30 m	30 m	40 m
Power supply	230V			
Power	150 W			
Cleaning areas	Bottom / walls / waterline		Bottom / walls	
Number of motors	3			
Filtration level	150µ and 60µ dual multi-layer filter		100µ	100µ
Filter capacity	5 L		3,1 Kg	5,1 Kg
Remote control	8500: Yes (not included)	8700: Yes (included)	Yes, radio frequency remote control	
Brushes	Yes (Helicoidal Contact +)		PVA	
Number of cycles	Multiple (from 0h30 to 6h00)		Multiple	
Cleaning cycles	- Fast: bottom 1h 15' - Smart: bottom / walls / water line - Ultra: bottom / walls / waterline (2 hours 45 minutes)		- Bottom mode: bottom - Walls and bottom mode: bottom, walls and waterline - Delayed start: 2 cleaning modes with programmable delayed start	
Lift System	Yes	Yes		
7-day programming	Yes	Yes		
Delayed operation	Yes (up to 24 hours)		Yes (up to 3 hours)	
Filter full indicator	Yes	Yes	Yes	
Ultrasonic/ infrared sensor	-	Yes, Ultrasonic	Yes, Infrared	
Water temperature measurement	Yes	Yes	-	-
Pressure sensor	Yes	Yes		
Safety	Out-of-water detection, motor protection and diagnostics			
Filter type	Rigid filter with top access		Filter with access from below	
Transport trolley	Yes	Yes	Yes	
Warranty	3 years	3 years	2 years	

AUTOMATIC COMMERCIAL POOL CLEANERS



TRX 8500 IQ - VORTRAX

ZODIAC

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, combining Contact+ and Helicoidal brushes.**
+ **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.**

3 YEAR WARRANTY · Sensor Nav System · TRACKS TRACTION · PATENTED CYCLONE SUCTION · AquaLink CONTROL · PATENTED LIFT SYSTEM®

	Code
Standard Model	WR000597

Accessories

Transport trolley
Control unit
Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)
Contact Brushes
Free mobile 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	Contact + Front Helical Active Cleaning x 5
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^3
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

ZODIAC

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, combining Contact+ and Helicoidal brushes.**
+ **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.**

3 YEAR WARRANTY*

PROFESSIONAL ADVICE RECOMMENDED

ULTRASONIC SENSOR

Sensor Nav System™

TRACKS TRACTION

PATENTED CYCLONE SUCTION

AquaLink CONTROL

PATENTED LIFT SYSTEM®

	Code
Standard Model	WR000598

Accessories

Transport trolley
Control unit
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	Contact + Front Helical Active Cleaning x 5
Lift System	Yes
Full filter indicator	Yes
Remote control	Kinetic bluetooth remote control
Ultrasonic sensors	Yes
Water temperature measure-ment	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 cm^3
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

ZODIAC

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

2 YEAR WARRANTY

DELAYED START

SMART NAVIGATION

INFRARED SENSOR

TURBO MODE

	Code
Standard Model	WR000396

Accessories

Transport trolley included
Remotecontrol
Capacitative 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

ZODIAC

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

Transport trolley included
Remotecontrol
Capacitative control box
Dual bag filter 5µ + 250µ

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

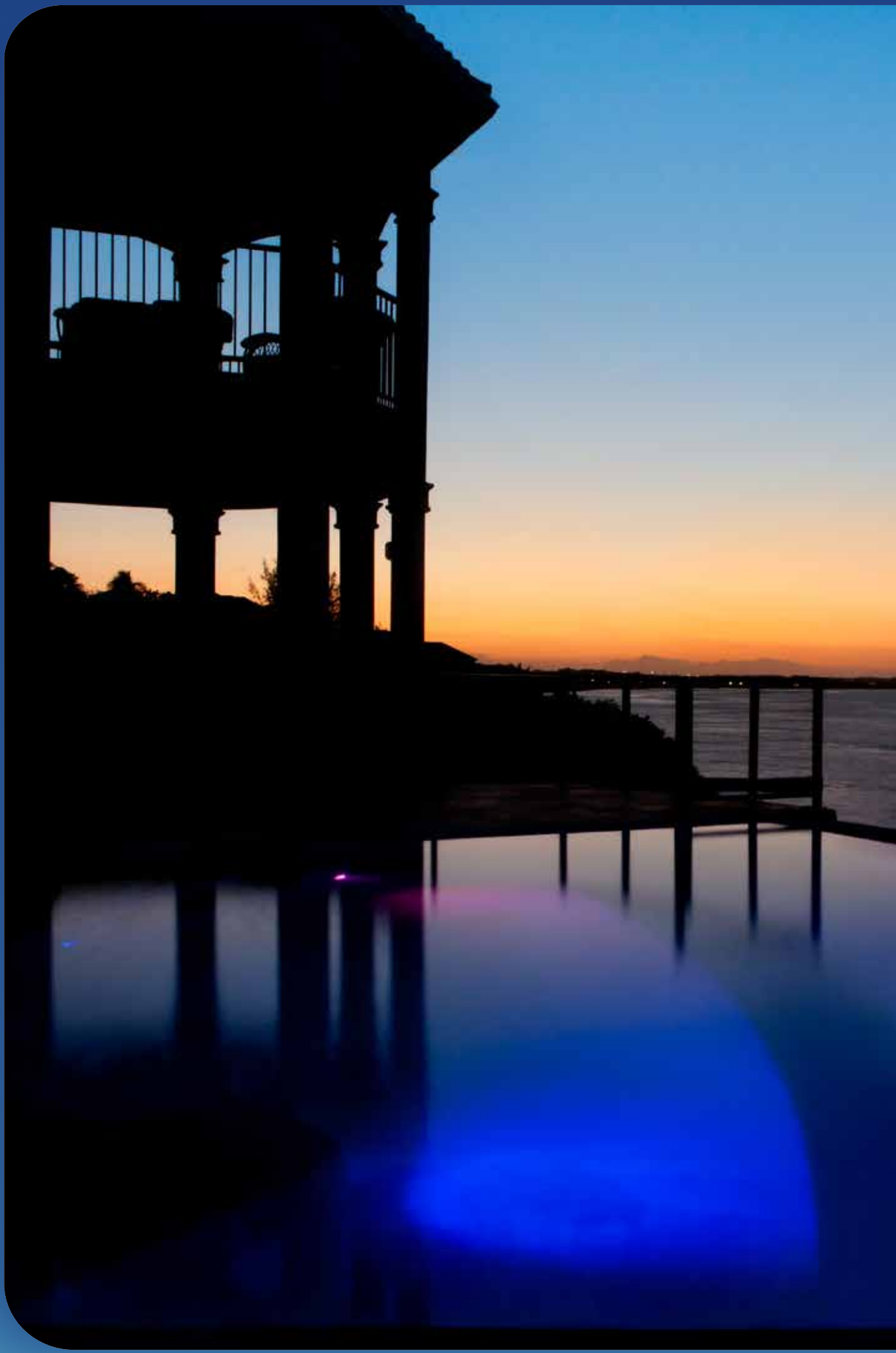
Cleaning areas	Floor /walls
Number / Length of cleaning cycles	Multiple with preset cycles -Floor Mode: floor -Wall and floor mode: floor walls and waterline/ -Delayed start: the 2 cleaning modes will start with 3 hours delayed
Delayed start	Yes
Power supply	Autonomous, connected to 230V main supply 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







POOL LIGHTING

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LumiPlus Connect

A DELIGHTFUL EXPERIENCE

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

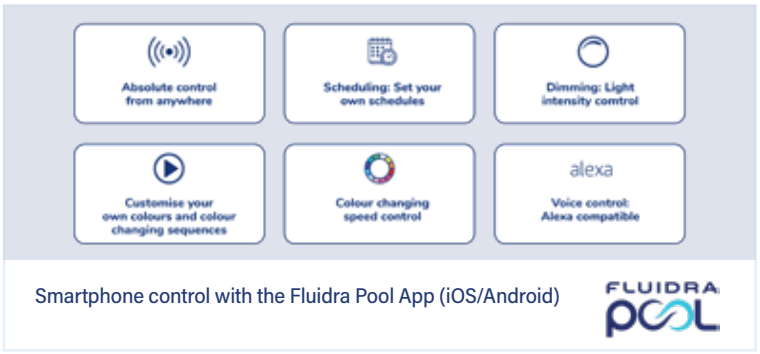
Experience energy efficiency like never before with our innovative solution. Easily schedule the on and off times of your lights and take control of the light level with our dimming feature. The LumiPlus Connect is available in two wattages and are designed to adapt to every space and pool size, providing the perfect lighting solution.

LED LIGHTING FOR POOL

LUMIPLUS CONNECT

ASTRALPOOL





Smartphone control with the Fluidra Pool App (iOS/Android)

FLUIDRA POOL

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^2
	4.300 lm	25-35 m^2
	2.000 lm	20-25 m^2
	2.500 lm	20-25 m^2
	3.500 lm	25-35 m^2

LumiPlus FlexiMini

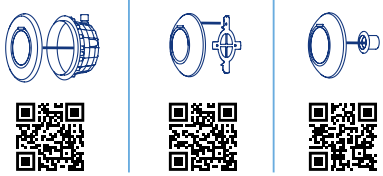


	Light color	Luminous flux	Lighting area*
STAIRS		450 lm	3 - 5 m^2
		300 lm	3 - 5 m^2
WALL		900 lm	8 - 12 m^2
		600 lm	8 - 12 m^2

** 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



Type of installation

FlexiMini Niche | FlexiMini Nozzle L | FlexiMini Nozzle S | FlexiMini Pipe



Decorative ring color

FlexiNiche | FlexiSlim / FlexiRapid

Decorative ring color

All models

Codification and type of light

Monocolour cool white light
Colour temperature is 5.700K

WW
Monocolour warm white light
Colour temperature is 3.000K

TW
Tunable White
Offers a complete palette of white shades, with the color temperature adjustable from 2500K to 6000K.

M
Multicolor
Offers a wide array of colour options by mixing red, green and blue LEDs (RGB)

MW
Multicolor plus White
Extends the RGB colour palette by incorporating a 5.700K white LED into the RGB color mixing

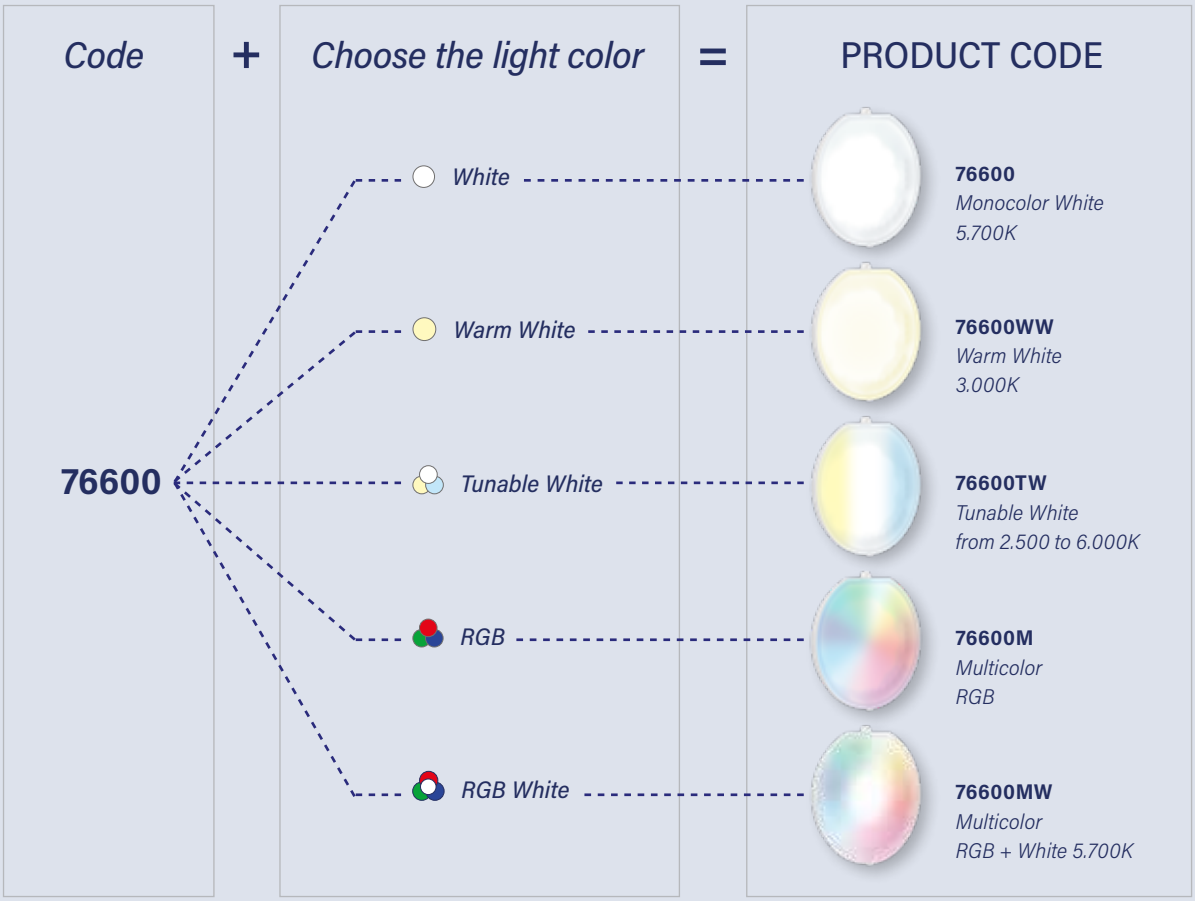
LumiPlus Connect commercial video

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.

LED LIGHTING FOR POOL

LUMIPLUS PLUG&PLAY

ASTRALPOOL



12	8	8		15
COLORS	SEQUENCES	SPEEDS	DIMMING	METERS SIGNAL



LumiPlus Flexi

Light color	Luminous flux	Lighting area*
	2.000 lm	20-25 m^2



LumiPlus FlexiMini

Light color	Luminous flux	Lighting area*
STAIRS	300 lm	3-5 m^2
WALL	600 lm	3-5 m^2



LumiPlus PAR56 lamp

Light color	Luminous flux	Lighting area*
	2.000 lm	20 - 25 m^2

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

ASTRALPOOL

ON OFF



LumiPlus Flexi

Powered at 12Vac

Light color	Luminous flux	Lighting area*
	2.750 lm	20-25 m^2



LumiPlus FlexiMini

Available powered at 12Vac or 24Vdc

Light color	Luminous flux	Lighting area*
STAIRS	450 lm	3-5 m^2
WALL	900 lm	8-12 m^2



LumiPlus Flexi

Powered at 24Vdc

Light color	Luminous flux	Lighting area*
	1.485 lm	15-20 m^2
	4.300 lm	20-25 m^2

** 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



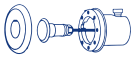
FlexiSlim



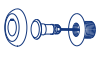
FlexiRapid



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

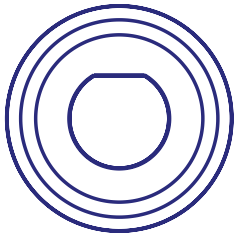


STEP 1: Selection of the lamp and type of light

+

2

Fixation system & decorative ring



STEP 2: Selection of the fixation system and decorative ring color

ASTRALPOOL

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 282. Powered at 12 V AC.

CONNECT

	Description	Color	Efficiency	Code	Consumption	Luminous flux
	LumiPlus Flexi Connnect W 2750 lm Lamp	White	E	76600	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connnect WW 2750 lm Lamp	Warm white	E	76600WW	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connect TW 2750 lm lamp	Tunable white	E	76600TW	27 W (38 VA)	2750 lm
	LumiPlus Flexi Connect RGB 2000 lm lamp	RGB	G	76600M	34.5 W (45 VA)	2000 lm
	LumiPlus Flexi Connect RGBW 2500 lm lamp	RGBW	G	76600MW	28 W (49 VA)	2500 lm
	LumiPlus Flexi Connect W 4300 lm lamp	White	E	76601	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect WW 4300 lm lamp	Warm white	E	76601WW	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect TW 4300 lm lamp	Tunable white	E	76601TW	42 W (60 VA)	4300 lm
	LumiPlus Flexi Connect RGBW 3500 lm lamp	RGBW	G	76601MW	56 W (72 VA)	3500 lm
	LumiPlus FlexiMini Stairs Connect W lamp	White	D	76602	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect WW lamp	Warm white	D	76602WW	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect TW lamp	Tunable white	D	76602TW	3.5 W (4.5 VA)	450 lm
	LumiPlus FlexiMini Stairs Connect RGB lamp	RGB	G	76602M	4 W (6 VA)	300 lm
	LumiPlus FlexiMini Stairs Connect RGBW lamp	RGBW	F	76602MW	5 W (7.5 VA)	400 lm
	LumiPlus FlexiMini Wall Connect W lamp	White	D	76603	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect WW lamp	Warm white	D	76603WW	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect TW lamp	Tunable white	D	76603TW	7 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall Connect RGBW lamp	RGBW	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 283. Powered at 12 V AC.

PLUG & PLAY

	Description	Color	Efficiency	Code	Consumption	Luminous flux
	LumiPlus Flexi Plug & Play lamp	RGB	G	76579M	34.5 W (45 VA)	2000 lm
	KIT 1 x LumiPlus Flexi Plug & Play lamp + Remote Control	RGB	G	76580M	34.5 W (45 VA)	2000 lm
	KIT 2 x LumiPlus Flexi Plug & Play lamps + Remote Control	RGB	G	76581M	34.5 W (45 VA)	2000 lm
	LumiPlus FlexiMini Stairs Plug & Play lamp	RGB	G	76588M	4 W (6 VA)	300 lm
	LumiPlus FlexiMini Wall Plug & Play lamp	RGB	G	76589M	8 W (12 VA)	600 lm
	KIT 3 x LumiPlus FlexiMini Wall Plug & Play lamps + Remote Control	RGB	G	76590M	8 W (12 VA)	600 lm

LumiPlus Flexi and FlexiMini **on/off** lamps are monocolor 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
	Powered at 12 V AC					
	LumiPlus Flexi On/Off W 4300lm lamp	White	D	71233	32 W (42 VA)	4300 lm
	LumiPlus Flexi On/Off WW 4300lm lamp	Warm white	D	71233WW	32 W (42 VA)	4300 lm
	LumiPlus Flexi W 2750 lm lamp	White	F	76573	28 W (40 VA)	2750 lm
	LumiPlus Flexi WW 2750 lm lamp	Warm white	F	76573WW	28 W (40 VA)	2750 lm
	LumiPlus FlexiMini Stairs W lamp	White	D	74400	3.5 W (6 VA)	450 lm
	LumiPlus FlexiMini Stairs WW lamp	Warm white	D	74400WW	3.5 W (6 VA)	450 lm
	LumiPlus FlexiMini Wall W lamp	White	D	74406	7.2 W (10.5 VA)	900 lm
	LumiPlus FlexiMini Wall WW lamp	Warm white	D	74406WW	7.2 W (10.5 VA)	900 lm
	Powered at 24 V DC (power pack included)					
	LumiPlus Flexi Maximum Efficiency	White	B	71236	8.7 W (8.7 VA)	1485 lm
	LumiPlus Flexi V1 DC W lamp	White	E	71201	14 W (14 VA)	1485 lm
	LumiPlus Flexi V1 DC WW lamp	Warm white	E	71201WW	14 W (14 VA)	1485 lm
	LumiPlus Flexi V2 DC W lamp	White	D	71202	32 W (32 VA)	4300 lm
	LumiPlus Flexi V2 DC WW lamp	Warm white	D	71202WW	32 W (32 VA)	4300 lm
	LumiPlus FlexiMini Stairs DC W lamp	White	C	74401	3 W (3 VA)	450 lm
	LumiPlus FlexiMini Stairs DC WW lamp	Warm white	C	74401WW	3 W (3 VA)	450 lm
	LumiPlus FlexiMini Wall W lamp	White	D	74407	6.8 W (6.8 VA)	900 lm
	LumiPlus FlexiMini Wall WW lamp	Warm white	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	G	34.5 W (45 VA)	2.000 lm
FlexiSlim Plug&Play	76584M	White	RGB	G	34.5 W (45 VA)	2.000 lm
FlexiRapid Plug&Play	76586M	White	RGB	G	34.5 W (45 VA)	2.000 lm
FlexiNiche Plug&Play + Remote Controller	76583M	White	RGB	G	34.5 W (45 VA)	2.000 lm
FlexiSlim Plug&Play + Remote Controller	76585M	White	RGB	G	34.5 W (45 VA)	2.000 lm
FlexiRapid Plug&Play + Remote Controller	76587M	White	RGB	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	F	28 W (40 VA)	2.750 lm
FlexiSlim On/Off W 2750lm	76577	White	White	F	28 W (40 VA)	2.750 lm
FlexiRapid On/Off W 2750lm	76578	White	White	F	28 W (40 VA)	2.750 lm
FlexiNiche On/Off DC W 1.485lm	71213	White	White	E	14 W (14VA)	1.485 lm
FlexiRapid On/Off DC W 1.485lm	71217	White	White	E	14 W (14VA)	1.485 lm
FlexiSlim On/Off DC W 1.485lm	71215	White	White	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	How to install?
	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.			
	**FLEXISLIM**		
	White	71210	How to install?
	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.			
	**FLEXIRAPID**		
	White	71211	How to install?
	Beige	71211CL090	
	Light Grey	71211CL129	
	Anthracite grey	71211CL144	
Compatible with any 1" ½ internal thread nozzle.Decorative ring dimensions: Ø 267 mm.			

FlexiMini decorative rings Only compatible with FlexiMini lamps		Code	
	**FLEXIMINI NICHE**		
	White	74392	How to install?
	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.			
	**FLEXIMINI NOZZLE L**		
	White	74393	How to install?
	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.			
	**FLEXIMINI NOZZLE S**		
	White	74394	How to install?
	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.			
	**FLEXIMINI PIPE**		
	White	74395	How to install?
	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.			

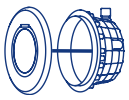
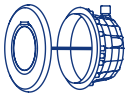
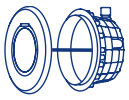
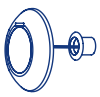
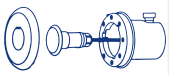


LED LIGHTING FOR POOL

NICHES GUIDE

For LumiPlus Flexi and LumiPlus FlexiMini

ASTRALPOOL

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	Installation fittings are included with the projector	Adaptor 71234 is needed	Adaptor 71234 is needed	Installation fittings are included with the project	Installation fittings are included with the project	Adaptor 71234 is needed	Adaptor 71234 is needed
	FlexiRapid	 35418	 59983  17382	 06544		 74179	 00332	 27084
 Mini niches	FlexiMini Niche	 06967	 00369	-	 00369	-	 49828	-
	FlexiMini L Nozzle	 00300/ 00301	 59983  17382	-	-	 00336	 00332	-
	FlexiMini S Nozzle	 35418	-	 06544	-	 74179	-	 27084
	FlexiMini Pipe	 15661	-	-	-	-	-	-



Energy efficiency

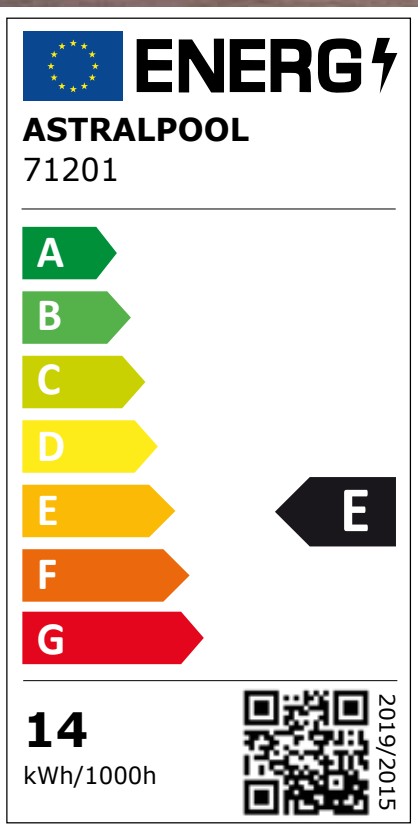
New European regulation of energy labeling for lamps and projectors

NEW ENERGY EFFICIENCY LABEL FOR LIGHTING

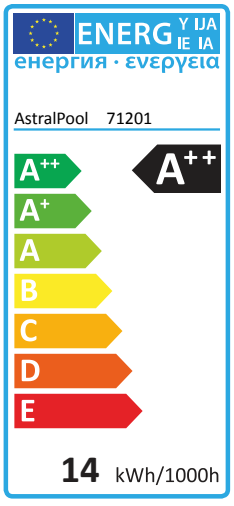
The European Union launches the European Regulation EU 2019/2015 on new energy efficiency labeling in lamps and projectors that starts on September 1st, 2021 and repeals the European Regulation EU 874/2012.

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.

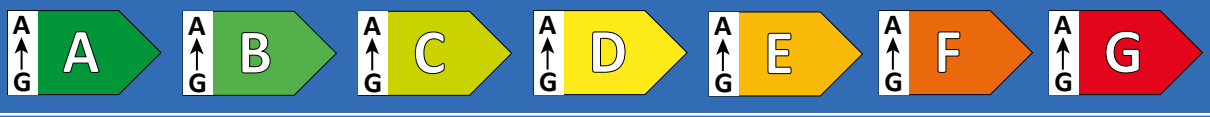


New label



Old label

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



MADE IN EUROPE

SALT WATER

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	G	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	G	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	G	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

ASTRALPOOL

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.

MADE IN EUROPE

SALT WATER

TECHNICAL FEATURES

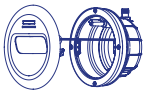
White - Warm White - RGB

Light Colour			White	Stainless steel effect	Consumption	Luminous flux
	White	D	59807	59805	32W (35VA)	4320 lm
	Warm White	D	59807WW	59805WW	32W (35VA)	4320 lm
	RGB	F	59803	59801	32W (42VA)	2544 lm

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable.

NICHES GUIDE For LumiPlus Design

ASTRALPOOL

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
 180mm niches	LumiPlus Design	59813	 59814	 59815	 59814	 59815	 59814 + double gasket (59814-0100)	 59815 + double gasket (59814-0100)

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 FlexiMinin decorative rings.

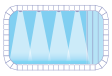
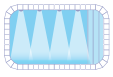
PAR56 lamps are compatible with PAR56 projectors.

DMX LAMPS

	Light Colour			Code	Consumption	Luminous flux
Flexi DMX lamp		RGB DMX	G	71208	43W (54 VA)	2544 lm
FlexiMini DMX lamp		RGB DMX	F	74409	8W (11,5 VA)	600 lm
PAR56 DMX lamp		RGB DMX	G	45637	43W (54 VA)	2544 lm

LIGHTING SELECTION GUIDE

LumiPlus projectors for spas

	SPAs			
	White light		RGB light	
The RGB versions are compatible with LumiPlus Connect Controller.	 Micro	 Mini V2	 Micro	 Mini V2
Type of installation				
Light color temperature	W 5.700K WW 3.000K	W 5.700K WW 3.000K		
Decorative ring color	White / Stainless steel	White / Stainless steel	White / Stainless steel	White / Stainless steel
Lighting area	 **5m²**x projector		 **3m²**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 mm² cable. Fastened between a threaded bolt and 2" nut.

Color decorative rings for MINI V2 projectors

		Beige	Light grey	Anthracite
	Color front plate for MINI V2 projector for SPA	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 mm² cable. Fastened between a threaded bolt and 1" ½ nut.

Fluidra Connect-compatible

CONTROL SYSTEMS

ASTRALPOOL

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
	**LumiPlus Connect controller**	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.
	**LumiPlus Connect W/ TW remote control**	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.
	**LumiPlus Connect RGB/ RGBW remote control**	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

LumiPlus Plug&Play

System		Code	Description	Projectors
LUMIPLUS PLUG&PLAY REMOTE CONTROL		74399	LumiPlus Plug&Play remote controller is a very intuitive RGB control without further installation works in the electric cabinet or the technical room. Features: - 15 meters signal range. - Dimming: Light intensity control. - 12 colours. - 8 colour changing sequences. - 8 colour changing speeds.	LumiPlus Plug&Play lamps and projectors

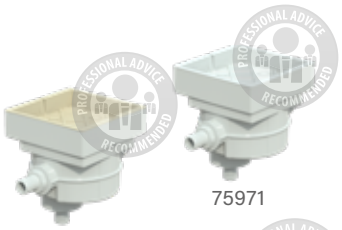
ONDMX Touchscreen / ONDMX Touchscreen Pro

System		Code	Description	Projectors
ONDMX Touchscreen		74099	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 71208, FlexiMini DMX 74409 and PAR56 DMX 45637
ONDMX Touchscreen Pro		74100	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..	DMX 71208, FlexiMini DMX 74409 and PAR56 DMX 45637

System			Code	Description	Projector
				Control your pool lighting anywhere, anytime.	
LumiPlus Modbus FLUIDRA CONNECT	Existing installation		41107	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.	DMX 71208, FlexiMini DMX 74409 and PAR56 DMX 45637
	Existing installation		57434	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. 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. The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus 27818 modulator for correct installation and operation.	LumiPlus Design, LumiPlus Essential, Mini SPA and Micro SPA projectors
	New installation		57435		

Fluidra Connect-compatible

CONNECTION BOXES



75971

75971CL090



75971CL129

75971CL144

PROFESSIONAL ADVICE RECOMMENDED · MADE IN EUROPE · COMPATIBLE SALT WATER

UNIK CONNECTION BOX

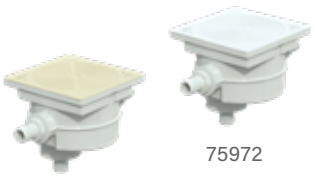
ASTRALPOOL

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 m³
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



75972

75972CL090



75972CL129

75972CL144

MADE IN EUROPE · COMPATIBLE SALT WATER

CONNECTION BOX

ASTRALPOOL

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 m³
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



MADE IN EUROPE

CONNECTION BOX

ASTRALPOOL

In AISI-316 stainless steel. Two PG 15 thread side outlets with two PG16 to M25 converters.

¾" BSP threaded bottom connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Connection box	00393	1	0.21	0.002

NICHES



230mm NICHES

ASTRALPOOL

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	Withouth inserts	00349
Fibreglass pool	With inserts	00364
Fibreglass pool	Withouth inserts	28887
Liner pool	With inserts	17805
Liner pool	Withouth inserts	72261
Panel pool	With inserts	23671
Panel pool	Withouth inserts	23670



180mm NICHES

ASTRALPOOL

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	Withouth inserts	59813
Fibreglass pool/Liner pool	With inserts	59814
Fibreglass pool/Liner pool	Withouth inserts	59815



STAINLESS STEEL NICHES

ASTRALPOOL

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

ASTRALPOOL

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.

MADE IN EUROPE

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Withouth inserts	00355
Fibreglass pool	Withouth inserts	00367



MINI NICHES

ASTRALPOOL

ABS niches for FlexiMini Niche or Essential Mini Niche projectors. Niches are available for concrete, fibreglass, liner and panel pools and have brass inserts.

MADE IN EUROPE

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Withouth inserts	06967
Liner pool	With inserts	00369
Panel pool	With inserts	49828



MINI NICHES WITH INTEGRATED NOZZLE OR WALL BUSHING

ASTRALPOOL

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.

MADE IN EUROPE

Type of swimming pool	Inserts/ without inserts	SKU Reference
Concrete pool	Withouth inserts	53956
Liner pool	With inserts	59983

NL NICHELESS LED LIGHTS

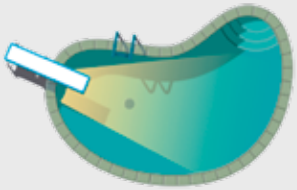
ZODIAC®

EASY-TO-INSTALL, ECO-FRIENDLY LIGHTING

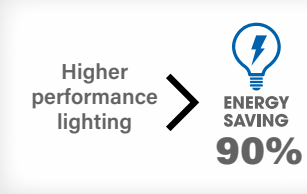
Pool lighting is an essential asset for enhancing your pool.
Zodiac® NL LED lights enable you to achieve this and they are both **energy saving and easy to install.**
They are installed during the construction stage and enhance all pool types, **using innovative, obstruction-free technology.**

> LED LIGHTING: AN ENERGY-SAVING INNOVATION

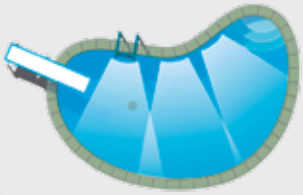
Energy efficient: powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).
Long lasting: they last up to 10 times longer than traditional incandescent light bulbs.



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 witn VAT in France)

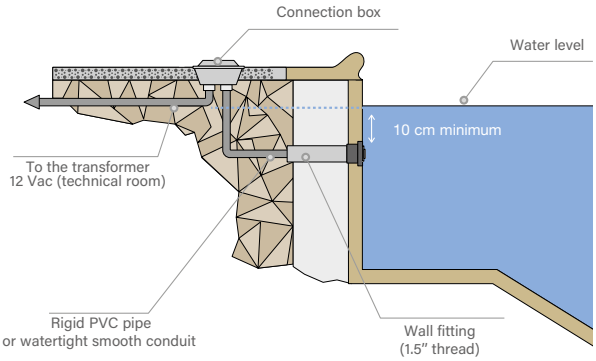


3 12 W NL LED lights
Total consumption: 27 W
Annual cost = 9 €

> "NICHELESS" INSTALLATION: INSTALLED ANYWHERE, QUICKLY AND EASILY!

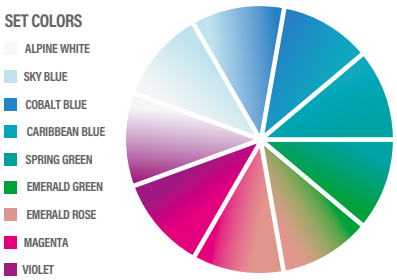
Quickly & easily: With Zodiac® NL LED lights, there's no need to build a niche, they slot directly into a standard 1.5" wall fitting and are compatible with all pool surfaces (liner/PVC, concrete, polyester, etc.).

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.

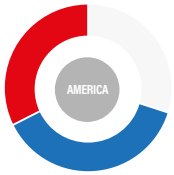




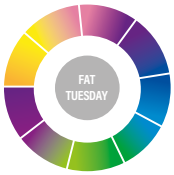
A sophisticated and relaxing atmosphere



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



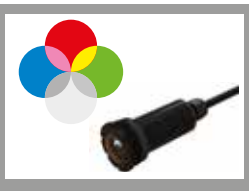
A night brought to life by hundreds of colors

FLUIDRA POOL

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

3 YEAR WARRANTY*

PROFESSIONAL ADVICE RECOMMENDED

EASY INSTALLATION

TECHNOLOGY RGBW

Energy Efficient

FLUIDRA POOL

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

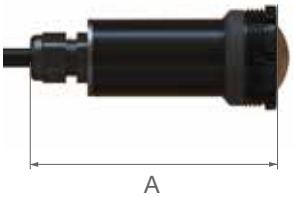
NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Installation Compatibility	Pool outlet with 1,5" internal thread and whithout internal reduction ("suction cleaner" outlet type)					
Led Type	RGBW : color + white			Bright white		
Operating Mode(s)	9 fixed colors & 5 multicolor lighting ambiances			1 fixed color : 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^2)**	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	



A

** For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.
*** : Theoretical lifespan in hours, for information only.



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^3
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^3
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^3
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



MADE IN EUROPE

SALT WATER

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^3
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	-



SALT WATER

CABLE ROLL HO7RN-F

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.5 mm^2				
Cable 2x1.5mm^2 - 5m.	74652	1	1	0.01
Cable 2x1.5mm^2 - 10m.	74656	1	1.4	0.01
Cable 2x1.5mm^2 - 15m.	74657	1	2.5	0.01
Cable 2x1.5mm^2 - 20m.	74658	1	3.25	0.01
Cable 2x1.5mm^2 - 25m.	74659	1	4.2	0.01
Cable 2x1.5mm^2 - 30m.	74673	1	3	0.01
2.5 mm^2				
Cable 2x2.5mm^2 - 10m.	71645	1	1.8	0.01
Cable 2x2.5mm^2 - 15m.	71646	1	2.5	0.01
Cable 2x2.5mm^2 - 20m.	71647	1	3.25	0.01
Cable 2x2.5mm^2 - 25m.	71648	1	4.2	0.01
Cable 2x2.5mm^2 - 30m.	71649	1	4.6	0.01



MADE IN EUROPE

SALT WATER

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^3
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



SALT WATER

UNDERWATER CONNECTOR

with IP68 protection rating and 4 poles

Includes 5 connectors ant two wrenches. Connector's dimensions: 68mm length x 23mm diameter.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
IP68 connector	71318	24	4.2	0.3



MADE IN EUROPE

COMPATIBLE SALT WATER

OTHER ACCESSORIES

with IP68 protection rating and 4 poles

Includes 5 connectors ant two wrenches. Connector's dimensions: 68mm length x 23mm diameter.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³	
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 m³
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 m²
Maximum installation depth	40 cm
Weight	5 Kg
Cable length supplied	5 m



AMPLIFIER AND LOUDSPEAKERS

KITMEZZ0322A2 / KITMEZZ0324A4

KITMEZZ0322A2 -
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 m³
Amplifier and loudspeakers	KITMEZZ0322A2	-	-	-
Amplifier and loudspeakers	KITMEZZO324A4	-	-	-



POOL LINING MATERIAL

295 RENOLIT ALKORPLAN

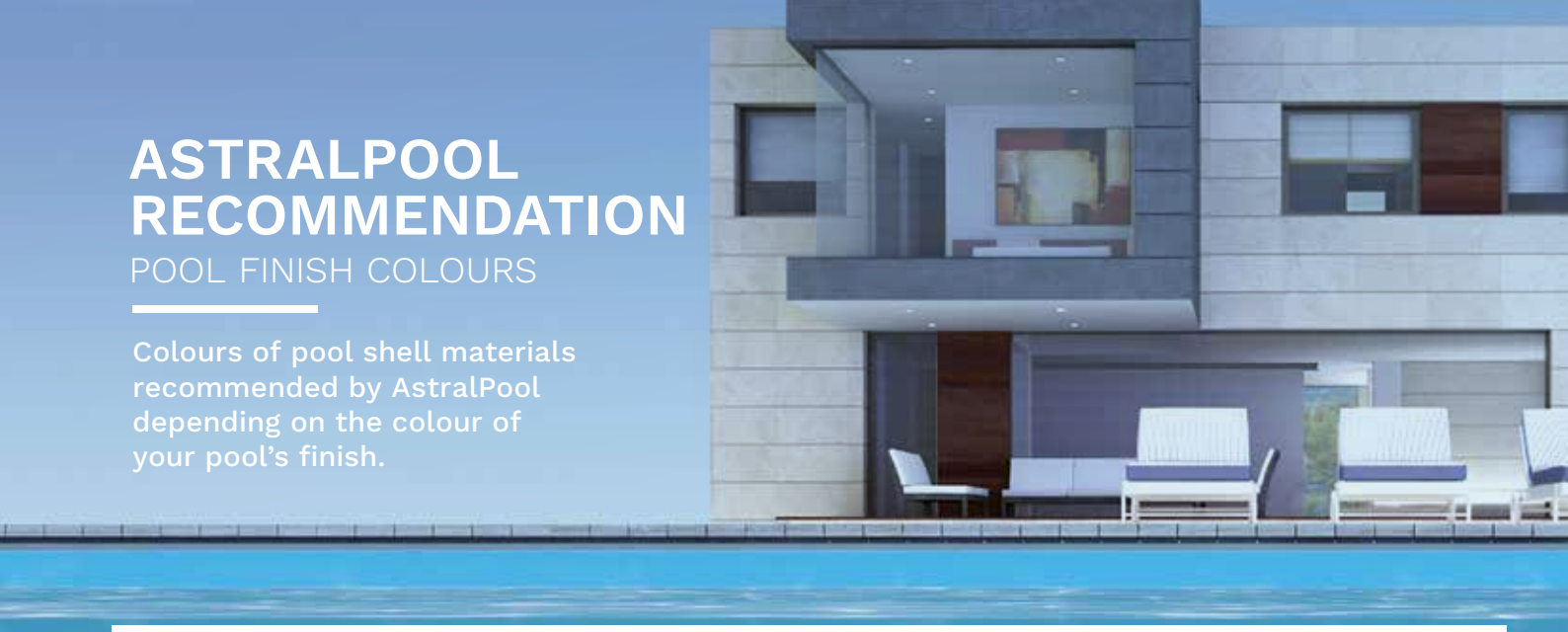
295 TOUCH Collection
297 VOGUE Collection
298 RELIEF Collection
298 TILE Collection
299 ALIVE Collection
300 CERAMICS Collection
300 KOLOS Collection
301 2000 Collection
302 3000 Collection
302 NATURAL POOL Collection
303 Renolit Alkorplan liner accessories
306 Liner pool accessories
306 RENOLIT liner accessories

311 ASTRALPOOL REINFORCED LINER

311 Astralpool UNIPLUS
311 Alkorplus PVC
312 Glass coating for swimming pools
321 Glass coating for spas and wellness centres
322 Glass cladding: Projects
324 AURA porcelain cladding
327 Accessory for liner and glass tiles

328 SB-POOL - CTX PRO

328 Solutions for underwater repairs



ASTRALPOOL RECOMMENDATION

POOL FINISH COLOURS

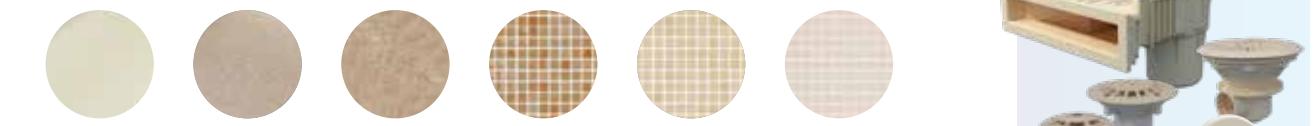
Colours of pool shell materials recommended by AstralPool depending on the colour of your pool's finish.

POOL FINISH COLOURS

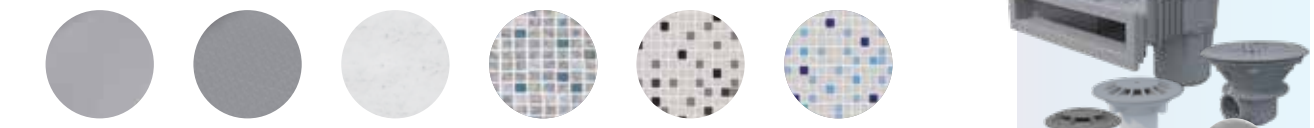
ASTRALPOOL RECOMMENDATION
POOL SHELL



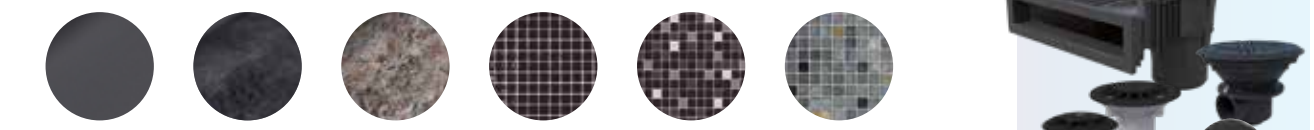














TOUCH
Collection

2 mm THICKNESS

C CATEGORY SLIP RESISTANCE

100% SECURE EN71-3 SAFETY FOR TOYS

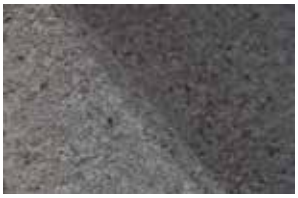

Elegance


Relax


Authentic


Vanity


Sublime


Prestige


Origin

RENOLIT ALKORPLAN 200/100 REINFORCED LINER

TOUCH COLLECTION INSPIRED BY NATURE Reinforced membrane

RENOLIT ALKORPLAN TOUCH is the first reinforced membrane with a very rough stone finish. With a thickness of 2 mm, it is the strongest and most resistant solution on the market.
The TOUCH collection emulates the natural beauty of stone by incorporating a finish that simulates its texture, adding personality and uniqueness to the pools in which it is used, making each pool one of a kind.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
TOUCH 1.65 x 21 m				
Elegance	35517501F	-	-	-
Relax	35517401F	-	-	-
Authentic	35517402F	-	-	-
Vanity	35517409F	-	-	-
Sublime	35517407F	-	-	-
Prestige	35517403F	-	-	-
Origin	35517413F	-	-	-

***Hasta fin de existencias**

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
TOUCH 1.65 x 25 m NEW INDIVIDUAL PACKAGING				
Elegance	35517701F	-	-	-
Authentic	35517602F	-	-	-
Vanity	35517609F	-	-	-
Sublime	35517607F	-	-	-
Prestige	35517603F	-	-	-
Origin	35517613F	-	-	-


Elegance


Relax


Authentic


Vanity


Sublime


Prestige


Origin

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/ m² sheet fell by 43%, decreasing** therefore our waste impact on the environment.



35717515F
Liner Vogue Vintage 25 m



35717516F
Liner Vogue Urban 25 m



35717517F
Liner Vogue Summer 25 m



35717518F
Liner Vogue Tropical 25 m





VOGUE
Collection

2 mm THICKNESS

C CATEGORY SLIP RESISTANCE


Vintage


Urban


Summer


Tropical

VOGUE COLLECTION COMFORT, INSPIRATION AND DESIGN Reinforced membrane

Reinforced PVC membrane with exclusive designs inspired by the latest interior design trends, in Refined, modern and avant-garde finishes to create the pool of your dreams. If you like comfort and design for your home, don't forget your pool.

	Code 1.65 m x 21 m*	Code 1.65 x 25 m
Vintage	35717415F	35717515
Urban	35717416F	35717516
Summer	35717417F	35717517
Tropical	35717418F	35717518

***While stocks last**









RENOLIT ALKORPLAN 150/100 REINFORCED LINER

RELIEF
Collection

C
CATEGORY
SLIP RESISTANCE

3
CATEGORY
SLIP RESISTANCE

1.8
mm
THICKNESS

RELIEF COLLECTION
BORN TO BE MORE Reinforced membrane

RENOLIT ALKORPLAN

This pool surface will make you feel safer. More comfortable support points. Flexible. Resistant.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Anti-slip - 1.65 x 25 m				
Light Blue	81116704F	-	-	-
Adriatic Blue	81116702F	-	-	-
Caribbean Green	81116703F	-	-	-
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

TILE
Collection

2
mm
THICKNESS

C
CATEGORY
SLIP RESISTANCE

TILE COLLECTION

The elegance of symmetry

RENOLIT ALKORPLAN

Tile Collection celebrates the timeless elegance of symmetry, offering you the chance to infuse your pool environment with the exclusive Jade textures or the urban texture of Quartz, allowing your personal style to shine through.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 x 21 m				
Quartz (grey)	35917101F	-	-	-
Jade (green)	35917102F	-	-	-


Quartz (grey)

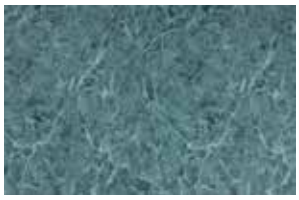

Jade (green)

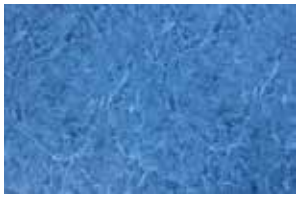
ALIVE
Collection

1.65 mm THICKNESS

C CATEGORY SLIP RESISTANCE

3 CATEGORY SLIP RESISTANCE


Prana


Dhyana


Chandra


Bhumi

RENOLIT ALKORPLAN 150/100 REINFORCED LINER

ALIVE COLLECTION

Reinforced membrane

RENOLIT ALKORPLAN

+ 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.

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 m x 21 m					
Prana	Green	35117101F	-	-	-
Dhyana	Blue	35117102F	-	-	-
Chandra	Grey	35117103F	-	-	-
Bhumi	Arena	35117105F	-	-	-



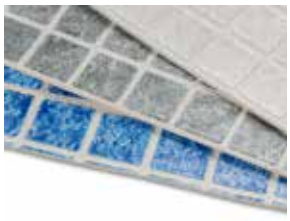






RENOLIT ALKORPLAN 200/100 REINFORCED LINER

CERAMICS
Collection



2 mm THICKNESS

C CATEGORY SLIP RESISTANCE

CERAMICS COLLECTION

RENOLIT ALKORPLAN

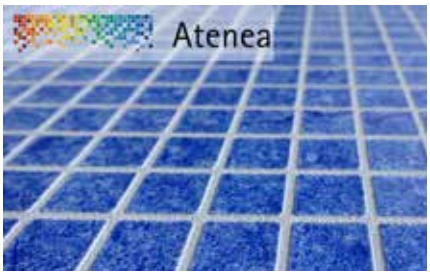
Reinforced membrane

The first reinforced membrane with a 3D relief that simulates ceramic tiles inspired by Greek mythology. Its 2 mm thickness makes it a more durable and resistant membrane.

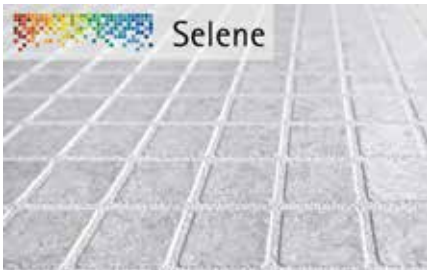
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 x 21 m				
Atenea	35617202F	-	-	-
Selene*	35617203F	-	-	-
Etna*	35617204F	-	-	-

***While stocks last**

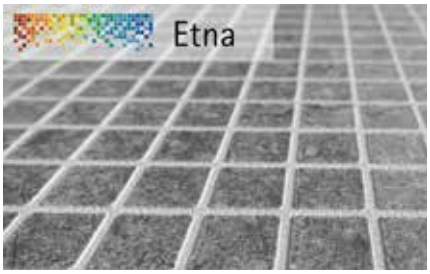
COLOURS













KOLOS
Collection



1,5 mm THICKNESS

C CATEGORY SLIP RESISTANCE

3 CATEGORY SLIP RESISTANCE

KOLOS COLLECTION Reinforced membrane

RENOLIT ALKORPLAN

The latest addition to the PVC membrane collection, designed to meet the needs of public and commercial swimming pools. With a thickness of 1.5 mm and high resistance to high levels of chlorine and intensive use. Kolos membranes incorporate recycled material, combining sustainability with exceptional performance.

		Code
1.65 × 25 m		
Alkorplan KOLOS Zephir MEMBRANE	White	35116101F
Alkorplan KOLOS Delos MEMBRANE	Blue	35116103F
2,05 x 25 m		
MEMBRANE Alkorplan KOLOS Zephir	White	35116102F
Alkorplan KOLOS Delos MEMBRANE	Blue	35116104F

RENOLIT ALKORPLAN 150/100 REINFORCED LINER

2000
Collection



1,5
mm
THICKNESS

2000 COLLECTION

RENOLIT ALKORPLAN

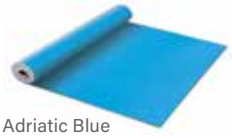
Single-colour reinforced membrane

The first single-colour 1.5 mm lacquered reinforced PVC membrane with highly resistant pigments and durable plasticisers designed to last in a swimming pool.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 × 25 m				
Light blue	35216205F	-	-	-
Adriatic Blue	35216203F	-	-	-
White	35216202F	-	-	-
Sand	35216210F	-	-	-
Light grey	35216236F	-	-	-
Dark grey	35216327F	-	-	-
Caribbean Green	35216204F	-	-	-
Black	35216249F	-	-	-
2.05 x 25 m				
Light Blue	35216208F	-	-	-
Adriatic Blue	35216207F	-	-	-
White	35216201F	-	-	-
Sand	35216211F	-	-	-
Light Grey	35216233F	-	-	-
Dark Grey	35216326F	-	-	-
Caribbean Green	35216206F	-	-	-

COLOURS


Light Blue


Adriatic Blue


White


Caribbean Green


Sand


Light Grey


Dark Grey


Black

RENOLIT ALKORPLAN 150/100 REINFORCED LINER

3000
Collection



1,5
mm
THICKNESS

3000 COLLECTION

RENOLIT ALKORPLAN

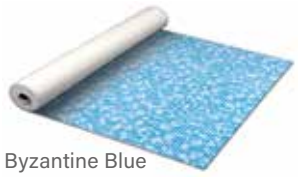
Reinforced membrane

1.5 mm reinforced membrane with double lacquer finish available in exclusive designs to decorate and waterproof at the same time.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1,65 × 25 m				
Byzantine Blue*	35417209F	-	-	-
Carrara	35417214F	-	-	-
Marble	35417213F	-	-	-
Persian Blue	35417217F	-	-	-
Persian Sand	35417220F	-	-	-

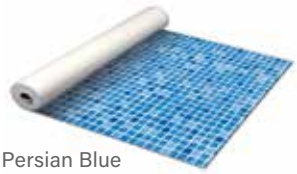
*While stocks last

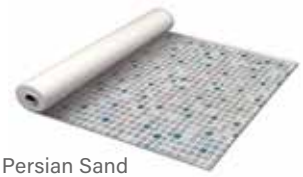
COLOURS


Byzantine Blue


Carrara


Marble


Persian Blue


Persian Sand

NATURAL POOL
Collection

1,5
mm
THICKNESS

NATURAL POOL COLLECTION

RENOLIT ALKORPLAN

Designed to give swimming pools and ponds a natural look

The NATURAL POOL reinforced membrane is a more environmentally friendly product than those currently available on the market. Its new formulation allows the membrane to be used in the presence of fish and plants.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
2.05 m x 20 m				
Natural Green	00328006F	-	-	-
Dark Grey	00328004F	-	-	-
Black	00328003F	-	-	-
Clear grey	00328005F	-	-	-

COLOURS


Natural Green


Dark Grey


Black


Clear Grey

RENOLIT ALKORPLAN LINER ACCESSORIES



RENOLIT ALKORPLUS JOINT SEALANT

for Collection 2000 and 3000

ALKORPLUS liquid PVC for sealing joints (1 litre cans/pack of 6). *One can of product is sufficient to seal approximately 100 m².

Welds must be sealed with PVC to protect them and improve their appearance. Liquid PVC does not replace hot air welding. However, it provides some protection for imperfect welds and smoothes the overlap area, thus reducing deposits on the weld line.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Light Grey	81029001F	-	-	-
Dark Grey	81029003F	-	-	-
Caribbean Green	81034001F	-	-	-
White	81035001F	-	-	-
Transparent	81037001F	-	-	-
Light Blue	81032001F	-	-	-
Adriatic Blue	81039001F	-	-	-
Sand	81054001F	-	-	-



RENOLIT ALKORPLUS JOINT SEALANT

VOGUE Collection

RENOLIT ALKORPLAN

Liquid PVC specifically designed for finishing RENOLIT ALKORPLAN VOGUE membrane welds. Required for overlap or butt welds. The colour and texture have been designed to match RENOLIT ALKORPLAN VOGUE membranes, and its improved formulation provides permanent resistance to discolouration.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Vintage	81020001F	-	-	-
Urban	81020002F	-	-	-
Summer	81020003F	-	-	-
Tropical	81020004F	-	-	-



RENOLIT ALKORPLUS JOINT SEALANT

TOUCH Collection

RENOLIT ALKORPLAN

Liquid PVC specifically designed for finishing RENOLIT ALKORPLAN TOUCH membrane welds. Required for overlap or butt welds. The colour and texture have been designed to match the RENOLIT ALKORPLAN TOUCH collection, and its improved formulation provides permanent resistance to discolouration.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Elegance	81023001F	-	-	-
Relax	81023002F	-	-	-
Authentic	81023003F	-	-	-
Vanity	81023004F	-	-	-
Sublime	81023005F	-	-	-
Prestige	81023006F	-	-	-
Origin	81023007F	-	-	-

RENOLIT ALKORPLAN LINER ACCESSORIES



RENOLIT ALKORPLUS JOINT SEALANT

TILE Collection

RENOLIT ALKORPLAN

Specifically designed for installing ALKORPLAN TILE membranes. The colour and texture have been designed to match those of RENOLIT ALKORPLAN TILE membranes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Quartz (grey)	81021002F	-	-	-
Jade (green)	81021003F	-	-	-



RENOLIT ALKORPLUS Seam sealer for the ALIVE Collection

RENOLIT ALKORPLAN

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 m³
Green	81025101F	-	-	-
Blue	81025102F	-	-	-
Grey	81025103F	-	-	-
Bhumi	81020005F	-	-	-



KOLOS LIQUID PVC SEALANT

Liquid PVC

RENOLIT ALKORPLAN

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
ZEPHIR	81056001F	-	-	-
DELOS	81056002F	-	-	-



RENOLIT ALKORPLAN CERAMICS Liquid PVC

RENOLIT ALKORPLAN

ALKORPLAN CERAMICS liquid PVC for finished welds (900 g cans/pack of 6).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	81021001F	-	-	-

RENOLIT ALKORPLAN LINER ACCESSORIES



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^3
Rail Bands (25 m x 0.25 m). Black colour	81113F25F	-	-	-



ALKORPLAN GEOTEXTILE

Fungicide

Felt made up of 400 g/m^2 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^3
Width 1.50 m. For butt welding	81006005F	-	-	-
Width 1.65 m	81006006F	-	-	-
Width 2.00 m	81006007F	-	-	-



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^3
Butt welding band. Dark grey colour (1.5mm thickness x 15cm width x 20m length)	8113T20F	-	-	-

LINER POOL ACCESSORIES



SKIMMER ADAPTOR

RENOLIT ALKORPLAN

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^3
Skimmer adaptor	55977	1	1,3	0,02





WALL INLET "R" / VACUM POINT "R"

RENOLIT ALKORPLAN

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^3
Vacum Point "R"	81210008	-	-	-
Wall inlet "R"	81210007	-	-	-

For more pool shell elements dediecated to liner pools, see chapter pool shell equipment.

RENOLIT LINER ACCESSORIES





PVC PROFILE RENOLIT ALKORPLUS

RENOLIT ALKORPLAN

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^3
PVC profile (2 mm thickness x 5 cm width x 2 m lenght)	81170122F	-	-	-
90° angle PVC profile (2 mm thickness x 5x5 cm width x 2 m lenght)	81170142F	-	-	-



PVC LAMINATED

RENOLIT ALKORPLAN

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^3
PVC laminate (1.4mm thickness x 5cm width x 2m length)	81170022F	-	-	-

RENOLIT LINER ACCESSORIES



LAMINATE 90° ANGLE PROFILE

RENOLIT ALKORPLAN

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^3
Laminate 90° angle profile (1.4mm thickness x 4.5x4.5cm width x 2m length)	81170042F	-	-	-



LAMINATE

RENOLIT ALKORPLAN

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^3
Laminate (1.4mm thickness, 1cm width x 2m length)	56307	-	-	-



RIVETS

RENOLIT ALKORPLAN

Aluminium expansion rivets.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 × 4.8 mm (box of 250 units) Price per unit	089915F	3	8.0	0.01

RENOLIT LINER ACCESSORIES



FLOATATION LINE DEGREASER RENOLIT ALKORCLEAN

ALKORCLEAN degreasing cleaner is designed to remove grease accumulated on the waterline, while ALKORPLUS stain remover neutralises metal ions in the water, such as copper.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Degreasing cleaner ALKORCLEAN	81026001F	-	-	-



ALKORPLUS ANTI-STAIN

RENOLIT ALKORPLAN

ALKORPLUS anti-stain, a preventive liquid to prevent dirt from accumulating on the waterline.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
ALKORPLUS anti-stain	53898	-	-	-



RENOLIT ALKORPLUS

Structure Disinfectant

RENOLIT ALKORPLAN

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 m³
Cup disinfectant. 1L Transparent	81052002F	6	-	-

RENOLIT LINER ACCESSORIES



RENOLIT ALKORPLUS THF Solvent

RENOLIT ALKORPLAN

THF (tetrahydrofuran) is a solvent commonly 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 with volatile solvents, the viscosity tends to increase over time. To reduce it, a small amount of THF is added to the polyethylene bottle containing the sealant. It can also be used as a cleaner for PVC accessories (pipes, hoses, etc.) before applying the specific PVC adhesive.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
THF solvent. 1L Transparent	81025001F	6	-	-



RENOLIT ALKORPLUS MEC Solvent

RENOLIT ALKORPLAN

MEK (methyl ethyl ketone or butanone) is a solvent commonly used to reduce the viscosity of sealants manufactured with the same MEK solvent. These products leave the factory with the correct viscosity, but since they are manufactured with volatile solvents, the viscosity tends to increase over time. To reduce it, a small amount of MEK is added to the polyethylene bottle containing the sealant. This product is suitable for sealants 81022 (XTREME), 81023 (TOUCH) and 81024.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
MEC solvent. 1L Transparent	74450	6	-	-



RENOLIT ALKORGLUE

Neoprene-based contact glue

RENOLIT ALKORPLAN

RENOLIT ALKORGLUE 81045 is a neoprene-based contact adhesive. It is toluene-free and environmentally friendly. It creates a perfect bond between the ALKORPLAN liner membrane and the 81006 geotextile on metal, wood, rigid PVC, concrete and other types of surfaces. It is not suitable for use in contact with expanded polystyrene.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
5 L Yellowish colour	81045001F	1	-	-
20 L Yellowish colour	81045002F	1	-	-

RENOLIT LINER ACCESSORIES



RENOLIT ALKORGLUE Zero solvents

RENOLIT ALKORPLAN

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	Standard weight in kg	Standard volume in m^3
20 L Beige colour	81046001F	1		



RENOLIT ALKORGLUE

Nitrile Rubber based thermo-adhesive

RENOLIT ALKORPLAN

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	Standard weight in kg	Standard volume in m^3
Quick-drying glue. 20 L Beige colour	81043002F	1	-	-

JOINT SEALANT APPLICATION BOTTE

RENOLIT ALKORPLAN

Kit joint sealant application bottle + dosing cap (5 bottles with normal cap + 20 dosing caps).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Botella de aplicación del sellador de soldaduras Kit: 5 botellas + 20 tapones dosificadores	81445001F	1	-	-

ASTRALPOOL REINFORCED LINER

ASTRALPOOL UNI PLUS Protective lacquer finish

ESPESOR 1,5 mm

GARANTIA 10 años ESTANQUEIDAD

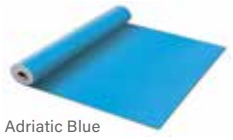
MADE IN EUROPE

Reinforced membrane for waterproofing and lining swimming pools. With protection against staining and abrasion. Complies with European standard EN 15836, Plastics – Plasticised polyvinyl chloride (PVC) sheets for in-ground swimming pools – Part 2: Reinforced sheets with a nominal thickness of 1.5 mm or greater.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1,65 x 25 m				
White	76955	-	-	-
Sand	76956	-	-	-
Light grey	76957	-	-	-
Dark grey	76958	-	-	-
Light blue	76959	-	-	-
Adriatic blue	76960	-	-	-

COLORES


Light Blue


Adriatic Blue


White


Sand


Light Grey


Dark Grey

RENOLIT ALKORPLAN

ALKORPLUS PVC Liquid Sealant 900 gr



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White	81035001F	-	-	-
Sand	81054001F	-	-	-
Light grey	81029001F	-	-	-
Dark grey	81029003F	-	-	-
Light blue	81032001F	-	-	-
Adriatic Blue	81039001F	-	-	-


ASTRALPOOL UNI dark grey liner

GLASS COATING FOR SWIMMING POOLS

5X5 UNNION POLYURETHANE SYSTEM

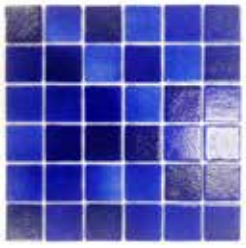
5 X 5

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
31 x 31 cm / 13,15" x 13,15"				
Niebla azul	NIAZ50Y	-	-	-
Niebla fuerte	NIFU50Y	-	-	-
Niebla piscina	NIPI50Y	-	-	-
Niebla menta	NIME50Y	-	-	-
Blanco	BNCO50Y	-	-	-
503	050350Y	-	-	-



NIEBLA AZUL



NIEBLA FUERTE

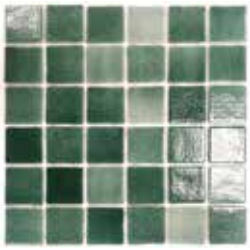


NIEBLA PISCINA



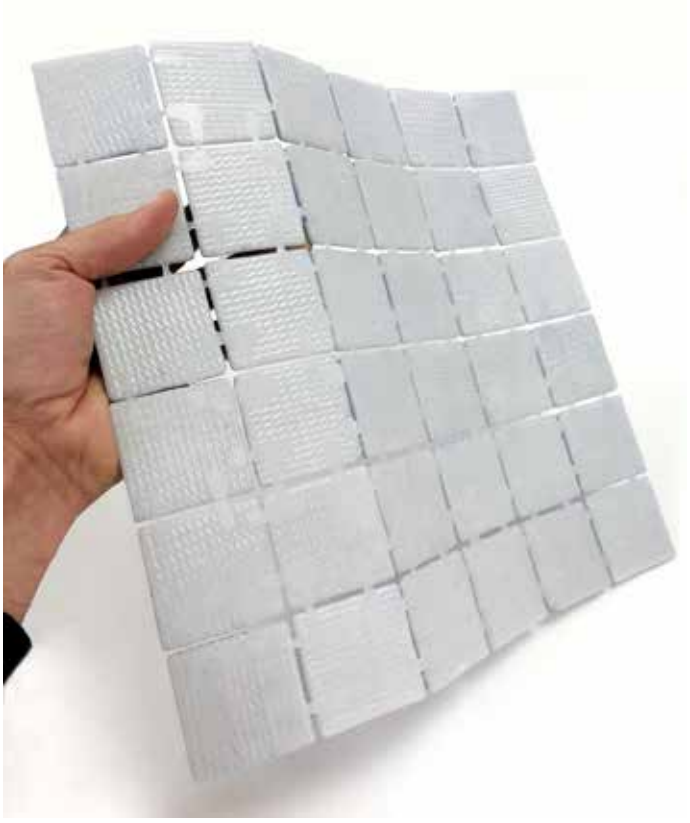
NIEBLA MENTA

BLANCO



503





Does not invade the joints

Resistance

Flexibility

Excellent Grip

Durability

Easy intallation

GLASS COATING FOR SWIMMING POOLS

5 X 5

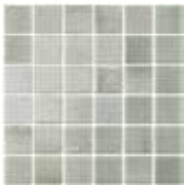
ASTRALPOOL

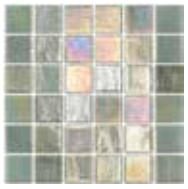
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
31 x 31 cm / 13.15" x 13.15"				
Niebla Tikal	NIVT50Y	-	-	-
Niebla Koh Pai	NIKO50Y	-	-	-
Niebla Bacan	NIBA50Y	-	-	-
Niebla Java	NIJA50Y	-	-	-
G326	G32650Y	-	-	-
G340	G34050Y	-	-	-
G341	G34150Y	-	-	-
G342	G34250Y	-	-	-
Niebla Tikal Silk	NIVT50AY	-	-	-
Niebla Koh Pai Silk	NIKO50AY	-	-	-
Niebla Bacan Silk	NIBA50AY	-	-	-
Niebla Java Silk	NIJA50AY	-	-	-
Chukum Silk	CHUK50AY	-	-	-
Batur Silk	BATU50AY	-	-	-

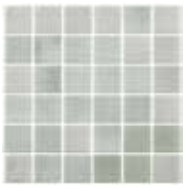

Niebla Tikal

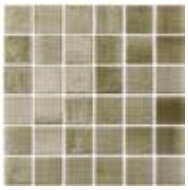

G326


Niebla Tikal Silk


Niebla Koh Pai


G340

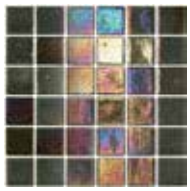

Niebla Koh Pai Silk

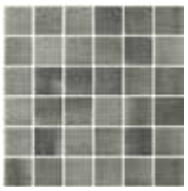

Niebla Bacan


G341


Niebla Bacan Silk


Niebla Java


G342


Niebla Java Silk


Chukum Silk


Batur Silk

GLASS COATING FOR SWIMMING POOLS


Mod. 1 - 54160


Mod. 2 - 57371


Mod. 3 - 62312


Mod. 4 - 67497

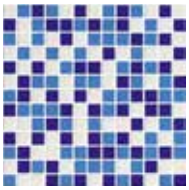

Mod. 5 - 67498

PEARL

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pearl model 1	54160	-	-	-
Pearl model 2	57371	-	-	-
Pearl model 3	62312	-	-	-
Pearl model 4	67497	-	-	-
Pearl model 5	67498	-	-	-




Mod. 1 - 54357


Mod. 2 - 61291


Mod. 3 - 54417


Mod. 4 - 54372

BLUE MIX

ASTRALPOOL

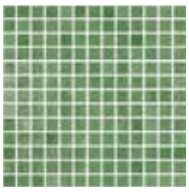
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Blue mix model 1	54357	-	-	-
Blue mix model 2	61291	-	-	-
Blue mix model 3	54417	-	-	-
Blue mix model 4	54372	-	-	-



GLASS COATING FOR SWIMMING POOLS

LAGOON EFFECT

ASTRALPOOL


Mod. 1 - 54314


Mod. 2 - 54313


Mod. 3 - 54312


Mod. 4 - 63141

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Lagoon effect model 1	54314	-	-	-
Lagoon effect model 2	54313	-	-	-
Lagoon effect model 3	54312	-	-	-
Lagoon effect model 4	63141	-	-	-


63141

BEACH EFFECT

ASTRALPOOL


Mod. 1 - 54316


Mod. 2 - 54324


Mod. 3 - 54315


Mod. 4 - 64359
(Matt - C3)

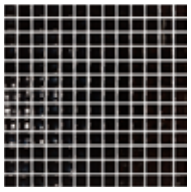
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Beach effect model 1	54316	-	-	-
Beach effect model 2	54324	-	-	-
Beach effect model 3	54315	-	-	-
Beach effect model 4	64359	-	-	-


54324

GLASS COATING FOR SWIMMING POOLS

STONE EFFECT

ASTRALPOOL



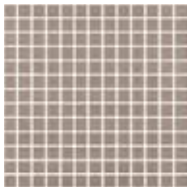
Mod. 1 - 54398



Mod. 2 - 54328



Mod. 3 - 54344



Mod. 4 - 54231
(Matt - C3)

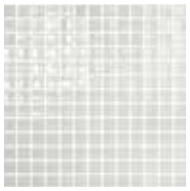
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Stone effect model 1	54398	-	-	-
Stone effect model 2	54328	-	-	-
Stone effect model 3	54344	-	-	-
Stone effect model 4	54231	-	-	-



WHITE

ASTRALPOOL

Mod. 1 - 60020



Mod. 2 - 54369

Mod. 3 - 54256
(Matt - C3)

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White model 1	60020	-	-	-
White model 2	54369	-	-	-
White model 3	54256	-	-	-



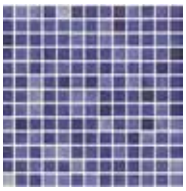
GLASS COATING FOR SWIMMING POOLS

ANTI-SLIP

ASTRALPOOL


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^3
Anti-slip model 1	54282	-	-	-
Anti-slip model 2	54278	-	-	-
Anti-slip model 3	54279	-	-	-



BLUE

ASTRALPOOL

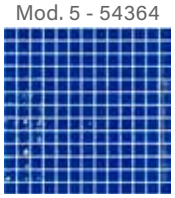

Mod. 1 - 54403


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^3
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 COATING FOR SWIMMING POOLS

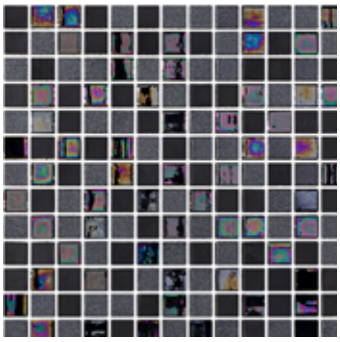
PREMIUM PEARL FINISH MIX

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
33.4 x 33.4 cm / 13.15" x 13.15"				
Tokyo	TOKY25Y	-	-	-
Montreal	MONT25Y	-	-	-
Paris	PARI25Y	-	-	-
Milan	MILA25Y	-	-	-
Sydney	SYDN25Y	-	-	-
Boston	BOST25Y	-	-	-
Durban	DURB25Y	-	-	-

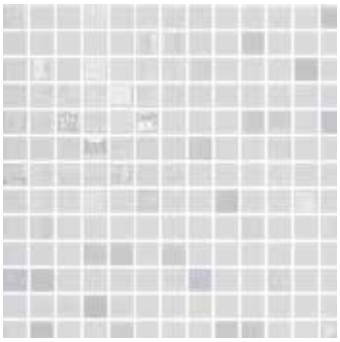


TOKIO



33% MA33 / 33% MT05 / 33% G312

TOKYO



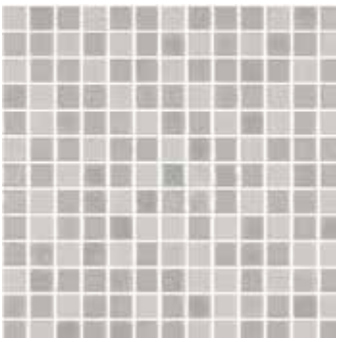
80% BLANCO / 20% G305

MONTREAL



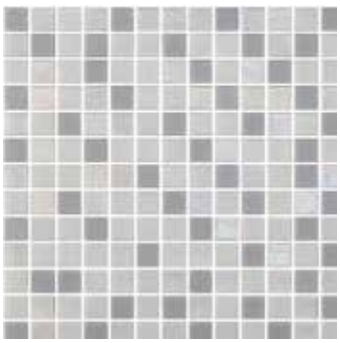
33% G305 / 33% MT04 / 33% NIEBLA BLANCO

PARIS



33% MA35 / 33% MT07 / 33% G329

MILAN



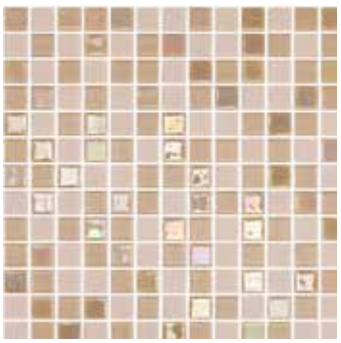
33% NIEBLA BLANCO / 33% MT01 / 33% G328

SYDNEY



33% MT01 / 33% G311 / 33% BLANCO

BOSTON



33% MA34 / 33% MT08 / 33% G330

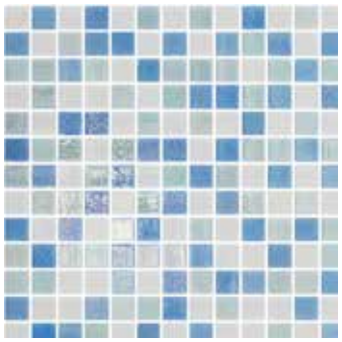
DURBAN

GLASS COATING FOR SWIMMING POOLS

PREMIUM PEARL FINISH MIX

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
33.4 x 33.4 cm / 13.15" x 13.15"				
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

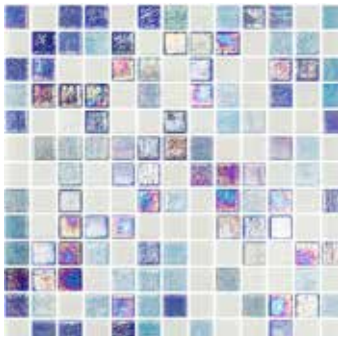


33% G322 / 33% G305 / 33% NIEBLA FUERTE

ADRIATIC



BALTIC



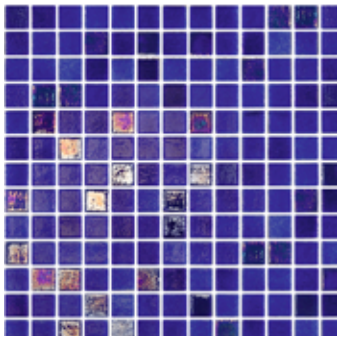
33% G325 / 33% G322 / 33% NIEBLA BLANCO

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 COATING FOR SWIMMING POOLS

DIGITAL

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
31 x 31 cm / 13.15" x 13.15"				
Matt Jade 5x5	JADE50AY	-	-	-
Matt Hanoi 5x5	HANO50AY	-	-	-
Matt Snow 5x5	SNOW50AY	-	-	-
Matt Cloud 5x5	CLOU50AY	-	-	-
Matt Sand 5x5	SAND50AY	-	-	-
33,4 x 33,4 cm / 13,15" x 13,15"				
Itaca	ITAC25Y	-	-	-
Corfú	CORF25Y	-	-	-
Delfos	DLFS25Y	-	-	-
Elba	ELBA25Y	-	-	-



MATT JADE



MATT HANOI



ITACA



CORFÚ

MATT SNOW



MATT CLOUD



DELFOS



ELBA



MATT SAND



GLASS COATING FOR SPAS AND WELLNESS CENTRES

Sixties

SIXTIES

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
32 x 29 cm / 12.60" x 11.42"				
White	WHIT60Y	-	-	-
Grey	GREY60Y	-	-	-
Turquoise	TURQ60Y	-	-	-
Blue	BLUE60Y	-	-	-



WHITE



GREY



TURQUOISE



BLUE





GLASS CLADDING: PROJECTS

CUSTOMIZED PROJECTS

We create drawings and designs in the shapes and colours of your choice. The limits are in your imagination!



LUMINESCENT

Our luminescent mosaic is ideal for signage. It shines in the dark!

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
33.4 x 33.4 cm / 13.15" x 13.15"				
Blue	LU0125Y2	-	-	-
Green	LU0225Y2	-	-	-

BLUE

GREEN



GLASS TILING: TECHNICAL SPECIFICATIONS

+ PLAIN / FOG / TOGAMA MIX / MATT - NON-SLIP / PEARL / LUMINESCENT/DRAWINGS*

PACKING LIST

Packaging list	Dimensions/Plate	m² / Box	Kg / Box	Box / Pallet	m² / 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 m² of glass mosaic tiling (including mesh)	
Total solid content (kg/m²)	9.97
Content of solid virgin matter	1.25
Minimum content of after-consumption recycled material (kg/m²)	8.72
MINIMUM CONTENT OF RECYCLED MATERIAL (%) [X = A / A.P.100]	87.4

FINISHES - POLYURETHANE KNIT

UNNION POLYURETHANE SYSTEM

- Resistance
- Durability
- Does not get into joints
- Flexibility
- Easy to place
- Excellent grip

MADE IN SPAIN

87 %

* The borders and patterns are on paper. (Once applied to the mosaic tiling the paper must be removed).

AURA

HIGH-QUALITY PORCELAIN STONEWARE SWIMMING POOLS

New range of 100% porcelain stoneware suitable for the surround, coping, access steps, terrace finishes and pool basin.
Comprising tiles and extruded ceramic pieces for floors and walls, indoors and outdoors (in accordance with standard EN 14411), non-slip and manufactured in Spain.



THE BENEFITS OF PORCELAIN STONEWARE FOR CONSTRUCTION OF SWIMMING POOLS

EXTREME RESISTANCE	Its abrasion resistance is extremely high. Porcelain tiles do not break or scratch. It is one of the hardest materials in existence.
MAXIMUM ANTI-SLIP SAFETY	Safe, non-slip finish that is smooth, comfortable and easy to clean.
WATERPROOF	Its porosity and absorption are practically zero. It offers optimum resistance to permanent contact with water.
ACID RESISTANT	It can easily withstand chemicals used for cleaning and water treatment.
CLIMATE RESISTANT	It is not affected by drastic changes in temperature, exposure to the sun, extreme cold, frost or snow.
DECORATIVE AND MODERN	Its aesthetic finish is visually perfect. It does not change colour over time.
SUPER HYGIENIC	Being an inert and non-porous material, it prevents the development of microbial colonies or germs. It is very easy to clean.

AURA PORCELAIN CLADDING

AURA Non-slip porcelain stoneware

ASTRALPOOL

BASE TILE

	Code
31x62,6cm - €/m²	
AURA ALBA	77693
AURA DUNA	77694
AURA BRUMA	77695

EDGE/CROWN

	Code
62, 6x37, 7x3, 8cm - Piece	
AURA ALBA	77696
AURA DUNA	77697
AURA BRUMA	77698

CURVED INNER EDGE

	Code
4x4x31 cm - Piece	
AURA ALBA	77699
AURA DUNA	77700
AURA BRUMA	77701

EXTERNAL CURVED FINISH

	Code
4x4x31 cm - Piece	
AURA ALBA	77702
AURA DUNA	77703
AURA BRUMA	77704

OUTER CURVED CORNER

	Code
4x4 cm - Piece	
AURA ALBA	77705
AURA DUNA	77706
AURA BRUMA	77707

AVAILABLE COLOURS

ALBA



DUNA



BRUMA



AURA PORCELAIN CLADDING

AVAILABLE COLOURS, FORMATS AND PIECES

R10 >10°-19° | CLASE C ≥ 24° | CLASE 3 Rd > 45

	ALBA	DUNA	BRUMA
			
Base piece 62,6 x 31 x 0,9 cm			
Step/Crowning 62,6 x 31,7 x 3,8 cm			
Curved inner edge 31 x 4 x 4 cm			
Curved outer edge 31 x 4 x 4 cm			
Curved outer corner 4 x 4 cm			



ACCESSORY FOR LINER AND GLASS TILES



HYDRONET

ASTRALPOOL

This is a single-component cementitious mortar that protects and waterproofs all types of brick, concrete and mortar joints from water and moisture. It is a polymer-modified hydraulic cement formula. It resists freeze-thaw cycles and contact with chlorinated water.

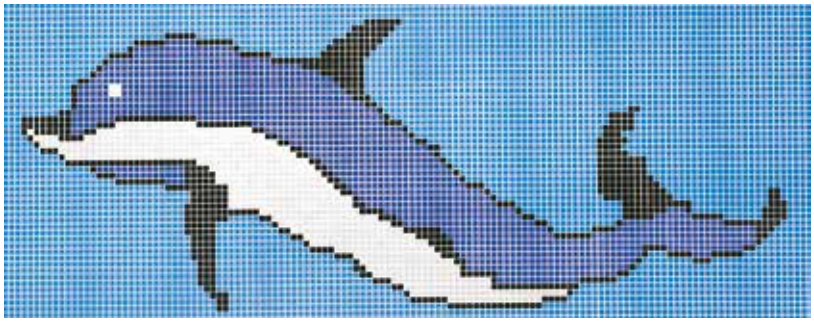
The membrane is suitable for contact with drinking water.

Ideal sealing product for mosaic or ceramic tile and liner swimming pools.

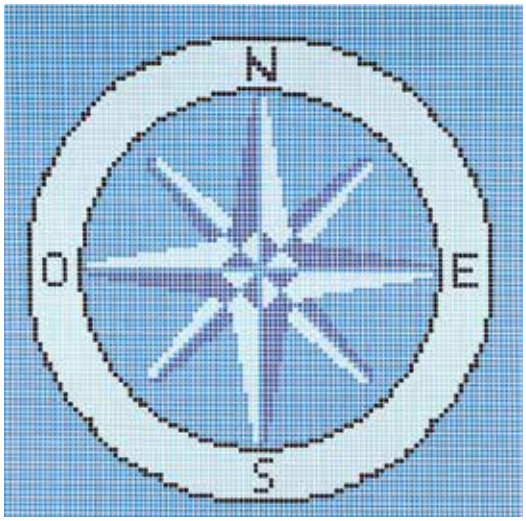
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Hidronet	65059	-	-	-
Jointplus - Grouting or edging	65060	-	-	-
Maxiset - Adhesive cement	65058	-	-	-

TECHNICAL SPECIFICATIONS

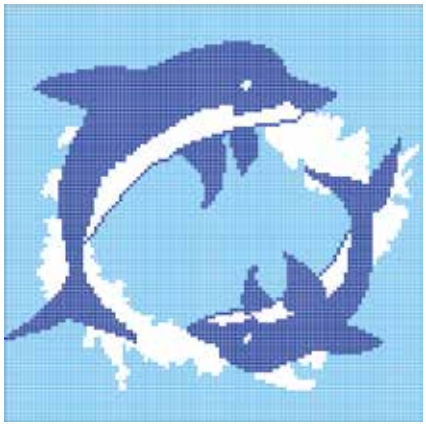
Code	Description	Contents (kg/pack)	Color	Density (g/cm^3)
65059	Hidronet	25	Grey	1.3



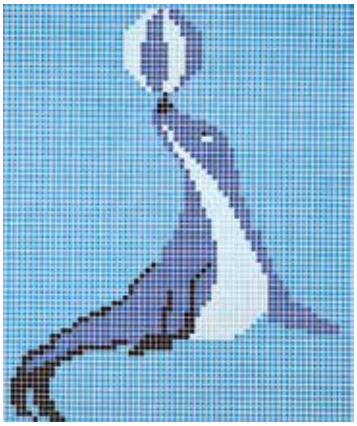
16043 - DOLPHIN 3330 x 1330 mm



45160 - COMPASS ROSE 2670 x 2670 mm



45152 - PLAYING DOLPHINS 3330 x 1330 mm



45159 - SEAL 2000 x 2670 mm



22164



16040

CUSTOMISED BORDER

Customise your border with your desired colour combination. Consult your distributor.

We reserve the right to change, in whole or in part, the characteristics of our products or the content of this document without prior notice.

SOLUTIONS FOR UNDERWATER REPAIRS



SB-POOL SEALER

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 m³
SB-Pool Sealer	74725	-	-	-



SB-POOL SEALER FREE

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 m³
	76797	-	-	-



SB-POOL 40 24 ML

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 m³
	76932	-	-	-



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 m³
SB-Pool Superplast Light	72877	10	0.027	0.0002

SOLUTIONS FOR UNDERWATER REPAIRS

SB SURFACE MASTIC



2-Component spreadable epoxy putty , spceially 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^3
	76393	-	-	-

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^3
SB Pool Sealant Tape	75214	-	-	-

SB-POOL EPOXY STIC



Repair bar

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	75215	-	-	-





DEHUMIDIFICATION

332 DEHUMIDIFIERS

332 Hygro Control
334 DF2 with ducts
340 CAE
343 Omega
346 BDP Confort Dehumidifying Unit
347 AirPool
349 AirPool+
351 Optional U.V. disinfection system

DEHUMIDIFIERS

HYGRO CONTROL



Simple dehumidification

Hygro Control is a hygro-thermostat designed exclusively by Zodiac® **for easy and intuitive control of the dehumidification equipment.**

HYGRO CONTROL

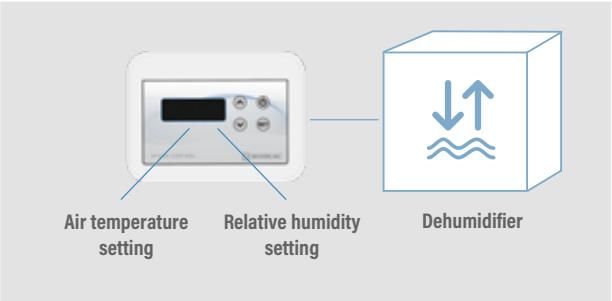
REFERENCE POINT
Find Zodiac® dehumidification products equipped with the Hygro Control function by locating this pictogram in the catalogue.

> 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.

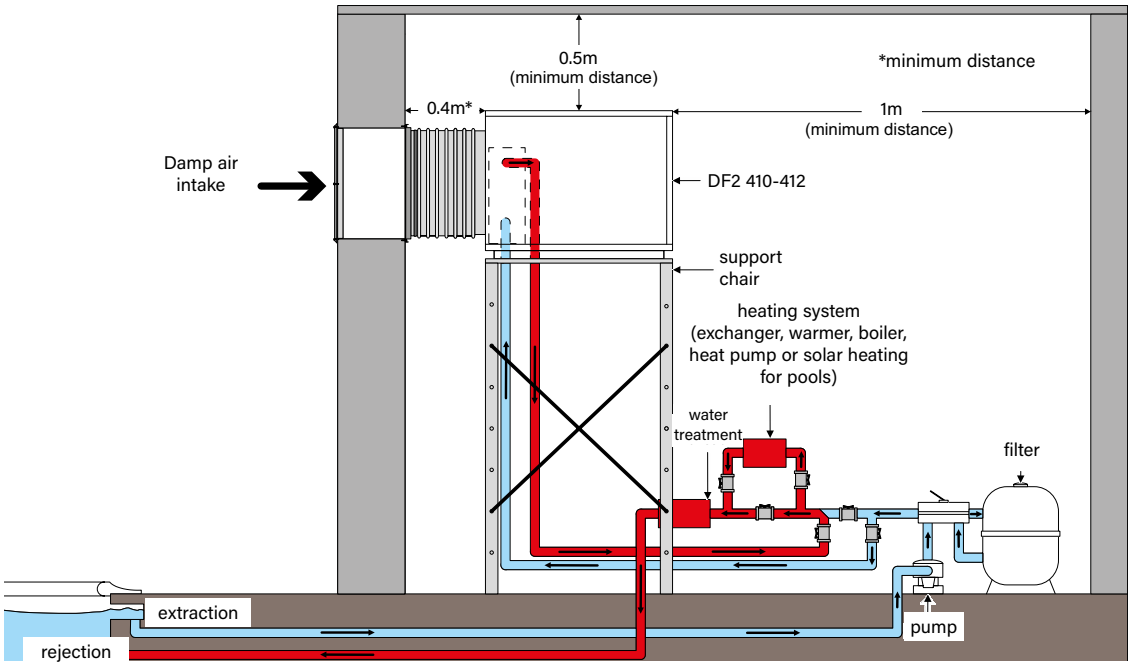


DEHUMIDIFIERS

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, DF2, OMEGA)
- It should be at least 1.5m from the floor



Example of an installation with a DF2

Equipping a pool with a good roof and a suitable ventilation system for the room increases the efficiency of the dehumidification system.



DEHUMIDIFIERS



DF2 WITH DUCTS

+ Horizontal installation with ducts
+ Available in 5 capacities
+ Air heating options (electric heating or hot water coil)

3 YEAR WARRANTY

MADE IN SPAIN

EASY INSTALLATION

DESCRIPTION

- Thermohygrometer
- Easy-to-use LCD (LED) display with 10-metre cable
- IE4 inverter fan with automatic speed adjustment
- Detection of pool cover status
- Clogged filter detection
- ECO mode: reduces fan speed to save energy
- Time zone setting
- Remote control on/off
- Alarm status



Intuitive display

REFERENCE

DF2 with ducts	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Description	DF2 03 Single-phase with ducts	DF2 05 Single-phase with ducts	DF2 05 Three-phase with ducts	DF2 08 Three-phase with ducts	DF2 08 Three-phase with ducts	DF2 10 Three-phase with ducts	DF2 10 Three-phase with ducts	DF2 12 Three-phase with ducts
Standard model	WD002254	WD002256	WD002258	WD002260	WD002262	WD002264	WD002266	WD002268

TECHNICAL SPECIFICATIONS

DF2 with ducts	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Dehumidification capacity* (L/h)	3.5	5.6	6.4	8.7	8.7	10.7	10.7	12.1
Power consumption (W)**	1755	2580	2403	3560	3514	4620	4609	4999
Air flow (m^3/h)	1300	1300	1300	1700	1700	2000	2000	2000
Available pressure (mCE)	200	200	200	200	200	200	200	200
Power supply	220-240V / 1N~ / 50Hz	220-240V / 1N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1N~ 50HZ	380-400V 3N~ / 50Hz	380-400V 3N~ / 50Hz
Current consumption (A)**	7.9	11.9	4.3	16.6	6.03	21.5	8.5	9
Maximum power consumption (A) **	15	19.2	7.9	29.1	14.5	34.2	15.5	17.5
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant quantity (kg)	1.4	1.5	1.62	1.75	1.75	2.56	2.56	2.72
Condensation water drainage	R-3/4"PVC-25							
Acoustic power (dB(A))	71.5	71.5	71.5	73.6	73.6	76.7	76.7	76.7

* Standard unit under the following conditions: air 30°C, humidity 70%.

** For equipment without an electrical supplement option.

DEHUMIDIFIERS

ELECTRICAL RESISTANCE CHARACTERISTICS

DF2 with ducts	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Electrical resistance 4.5kW*	R1023100	R1023100	R1023200	R1023100	R1023200	R1023400	R1023500	R1023500
Electrical resistance 9.0kW*					R1023300		R1023600	R1023600

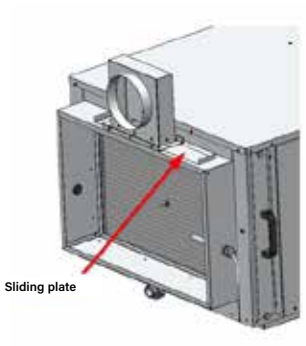
* Maximum electrical power consumption (A) is 20.05 A (single-phase models) or 6.80 A (three-phase models) for 4.5 kW power.
* Maximum absorbed electrical power (A) is 13.70 A for 9.0 kW power.

HOT WATER HEATER FEATURES

DF2 with ducts	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Hot water coil reference	R1023700	R1023700	R1023700	R1023700	R1023700	R1023800	R1023800	R1023800
Power (kW) with primary 50-40 °C / 90-70 °C	4.5 / 14.3	4.5 / 14.3	4.5 / 14.3	5.3 / 16.9	5.3 / 16.9	7.4 / 23.3	7.4 / 23.3	7.4 / 23.3
Water flow rate (m3/h) with primary 50-40 °C / 90-70 °C	0.64	0.64	0.64	0.75	0.75	1.03	1.03	1.03
Pressure drop (mCE) with primary 90-70 °C	1.62	1.62	1.62	2.19	2.19	2.10	2.10	2.10
Connection (mm)	3/4" CU 22							

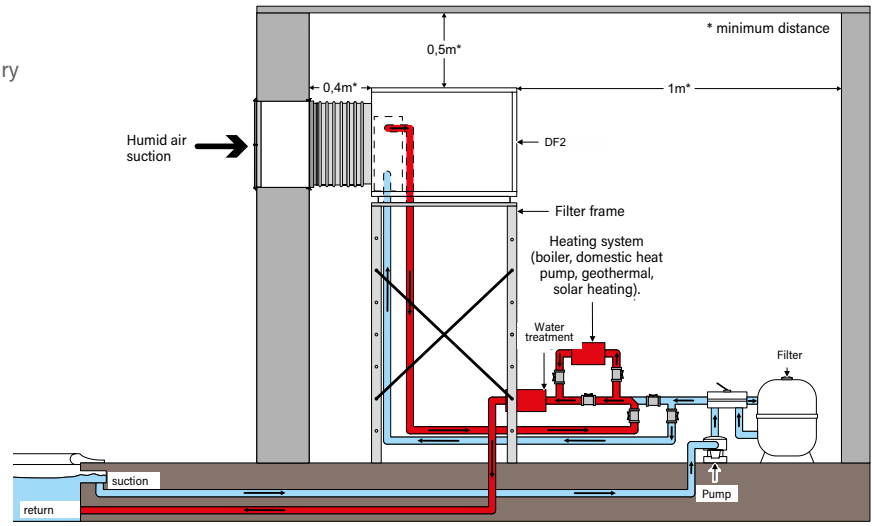
OPTIONAL ACCESSORIES

DF2 fresh air inlet adapter plate	DF2 chassis bracket
R1023900	WT004000



INSTALLATION

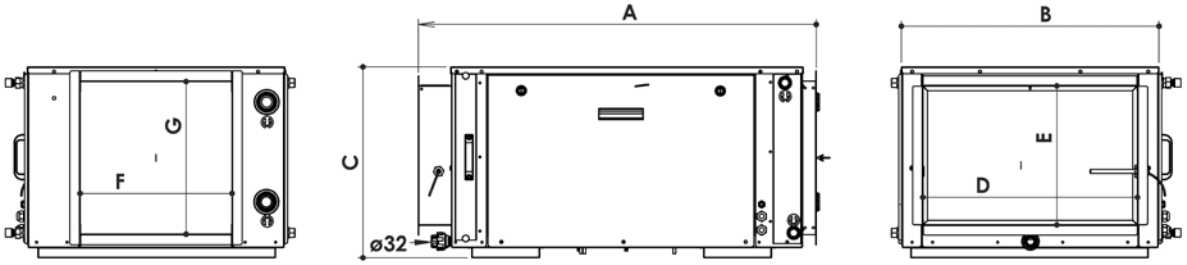
- Installation in a nearby technical room.
- Available pressure of 200 Pa, allowing the installation of a duct network to transport hot, dry air along the length of the window openings.
- Duct diameter: Ø 400 mini or 400 x 300.
- It is strongly recommended to integrate these options during the initial installation.



DEHUMIDIFIERS

WEIGHT AND DIMENSIONS (in mm)

DF2 with ducts with titanium condenser	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Weight (kg)	117	123	123	128	128	164	164	164
A	1170							
B	759						863	
C	560						694	
D	633						648	
E	408						543	
F	448						598	
G	448						498	



DEHUMIDIFIERS



DF2 DUCTED WITH TITANIUM CONDENSER

+ Horizontal installation with ducts
+ Available in 5 capacities
+ Version with titanium condenser and air heating options (electric heating or hot water coil)

3 YEAR WARRANTY

MADE IN SPAIN

EASY INSTALLATION

DESCRIPTION

- Version with titanium condenser and filtration pump management
- Easy-to-use LCD (LED) display with 10-metre cable
- IE4 inverter fan with automatic speed adjustment
- Pool cover status detection
- Clogged filter detection
- ECO mode: reduces fan speed to save energy
- Time zone setting
- Remote control on/off
- Alarm status



Intuitive display

REFERENCE

DF2 with ducts with titanium condenser	DF2-03MDC	DF2-05MDC	DF2-05TDC	DF2-08MDC	DF2-08TDC	DF2-10MDC	DF2-10TDC	DF2-12TDC
Description	DF2 03 Single-phase with ducts with titanium condenser titanium	DF2 05 Single-phase with ducts with titanium condenser titanium	DF2 05 Three-phase with ducts with capacitor with titanium	DF2 08 Single-phase with ducts with titanium condenser titanium	DF2 08 Three-phase with ducts with capacitor with titanium	DF2 10 Single-phase with ducts with titanium condenser titanium	DF2 10 Three-phase with ducts with capacitor with titanium	DF2 12 Three-phase with ducts with capacitor with titanium
Standard model	WD002255	WD002257	WD002259	WD002261	WD002263	WD002265	WD002267	WD002269

TECHNICAL SPECIFICATIONS

DF2 with ducts with titanium condenser	DF2-03MDC	DF2-05MDC	DF2-05TDC	DF2-08MDC	DF2-08TDC	DF2-10MDC	DF2-10TDC	DF2-12TDC
Dehumidification capacity* (L/h)	5	7	7	9.8	9.4	11.30	11.5	13
Power consumption (W)**	1755	2580	2403	3560	3514	4620	4609	4999
Air flow (m^3/h)	1300	1300	1300	1700	1700	2000	2000	2000
Available pressure (mCE)	200	200	200	200	200	200	200	200
Power supply	220-240V / 1 N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1N~ 50HZ	380-400V 3N~ / 50Hz	380-400V 3N~ / 50Hz
Current consumption (A)**	7.9	11.9	4.3	16.6	6	21.5	8.5	9
Maximum current consumption (A) **	15	19.2	7.9	29.1	14.5	34.2	15.5	17.5
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant quantity (kg)	2.02	2.10	2.10	2.36	2.36	2.96	2.96	3.20
Condensation water drainage	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25	R-3/4"-PVC-25
Power Acoustic (dB(A))	71.5	71.5	71.5	73.6	73.6	76.7	76.7	76.7

* Standard unit under the following conditions: air 30°C, humidity 70%.

** For equipment without an electrical supplement option.

DEHUMIDIFIERS

ELECTRICAL RESISTANCE CHARACTERISTICS

DF2 with ducts with titanium condenser	DF2-03MDC	DF2-05MDC	DF2-05TDC	DF2-08MDC	DF2-08TDC	DF2-10MDC	DF2-10TDC	DF2-12TDC
Electrical resistance 4.5kW*	R1023100	R1023100	R1023200	R1023100	R1023200	R1023400	R1023500	R1023500
Electrical resistance 9.0kW*					R1023300		R1023600	R1023600

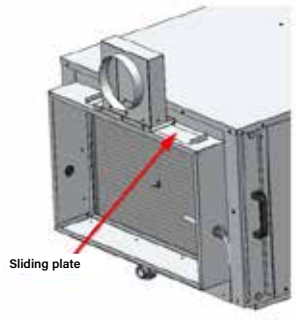
* Maximum electrical power consumption (A) is 20.05 A (single-phase models) or 6.80 A (three-phase models) for 4.5 kW power.
* Maximum absorbed electrical power (A) is 13.70 A for 9.0 kW power.

HOT WATER TANK FEATURES

DF2 with titanium condenser ducts	DF2-03MDC	DF2-05MDC	DF2-05TDC	DF2-08MDC	DF2-08TDC	DF2-10MDC	DF2-10TDC	DF2-12TDC
Hot water coil reference	R1023700	R1023700	R1023700	R1023700	R1023700	R1023800	R1023800	R1023800
Power (kW) with primary 50-40 °C / 90-70 °C	4.5/14.3	4.5/14.3	4.5/14.3	5.3/16.9	5.30 / 16.86	7.4 / 23.3	7.4 / 23.3	7.4 / 23.3
Water flow (m^3/h) with primary 50-40 °C / 90-70 °C	0.64	0.64	0.64	0.75	0.75	1.03	1.03	1.03
Pressure drop (mCE) with primary 90-70 °C	1.62	1.62	1.62	2.19	2.19	2.10	2.10	2.10
Connection (mm)	3/4" CU 22							

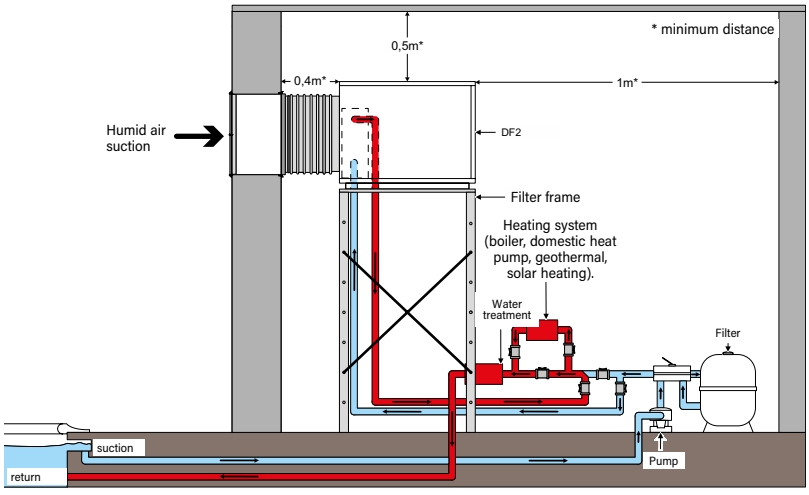
OPTIONAL ACCESSORIES

DF2 fresh air inlet adapter plate	DF2 chassis bracket
R1023900	WT004000



INSTALLATION

- Installation in a nearby technical room.
- Available pressure of 200 Pa, allowing the installation of a network of ducts to transport warm, dry air along the windows.
- Duct diameter: Ø 400 mini or 400 x 300.
- It is strongly recommended that these options be integrated during the initial installation.
- Air heating options (electric resistance and hot water) increase the overall dimensions of the units. It is recommended to plan their integration at an early stage of the design process. Further details can be found in the installation guide.

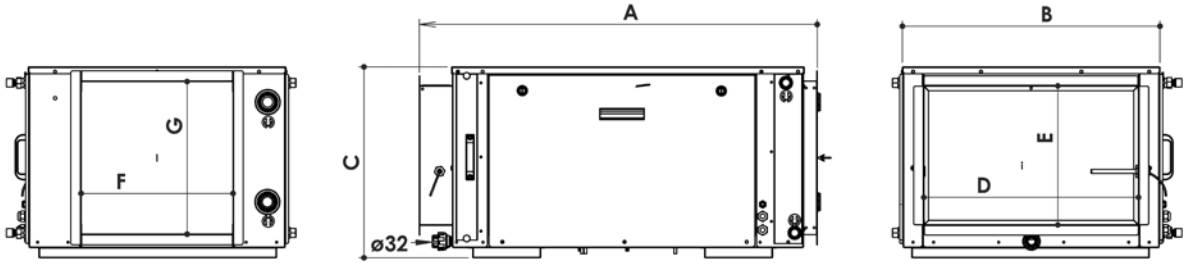


DEHUMIDIFIERS

* Units that include the titanium condenser kit add 12 kg to the approximate weight of the appliance.

WEIGHT AND DIMENSIONS (in mm)

DF2 with ducts with titanium condenser	DF2-03MD	DF2-05MD	DF2-05TD	DF2-08MD	DF2-08TD	DF2-10MD	DF2-10TD	DF2-12TD
Weight (kg)	117	123	123	128	128	164	164	164
A	1170							
B	759						863	
C	560						694	
D	633						648	
E	408						543	
F	448						598	
G	448						498	



DEHUMIDIFIERS



CAE

ZODIAC®

+ Vertical, ducted installation with modular air intake/outlet configurations
+ Available in 3 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

2 YEAR WARRANTY

HYGRO CONTROL

SERVICES +

MADE IN EUROPE

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 battery option	W28CAE8MB	W28CAE8B	W28CAE10B		W28CAE13B	
	23 kW	23 kW	35 kW		41 kW	
Model with hot water battery 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 (m^3/h)	2040		2720	3400
Air flow (m^3/h)	2400		3050	3800
Min. air flow (m^3/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)***	37.1	8	14.5	17
Refrigerant fluid quantity (kg)	1.3/1.45 (1)		2.2/2.5 (1)	
Accoustic 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

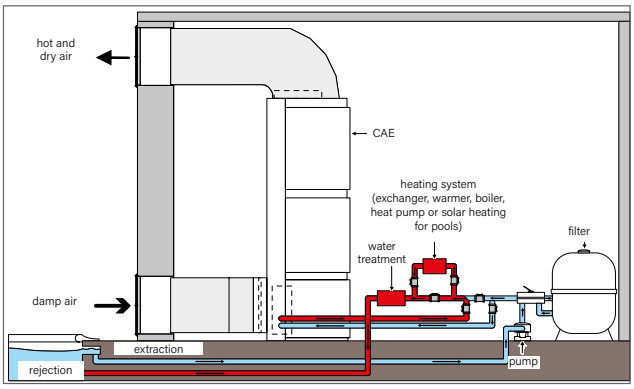
ZODIAC®

FEATURES OF HOT WATER BATTERIES

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^3/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			

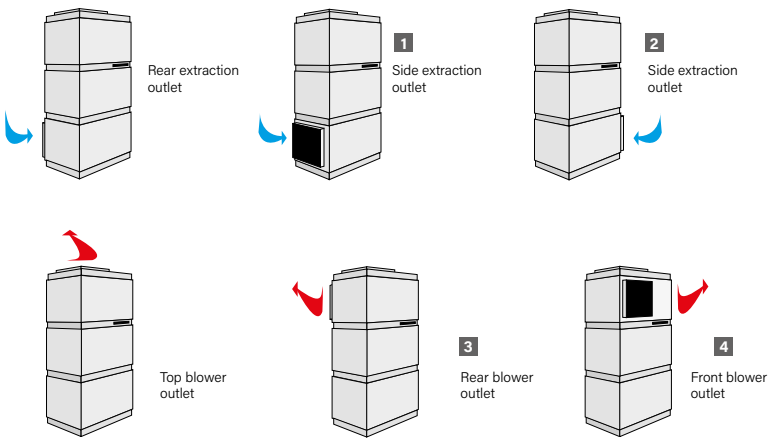
EXTRACTION AND BLOWER OPTIONS

- 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) 1	W28REGA			
Extractor on the right (frame + filter) 2	W28REDR			
Rear blower (frame) 3	W28SOAR			
Front blower (frame) 4	W28SOAV			



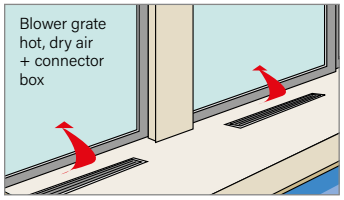
DEHUMIDIFIERS

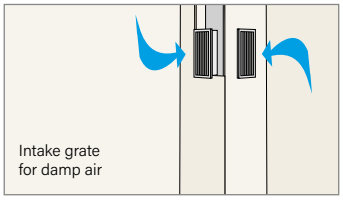
CAE

ZODIAC®

CAE TECHNICAL ROOM + DUCTS

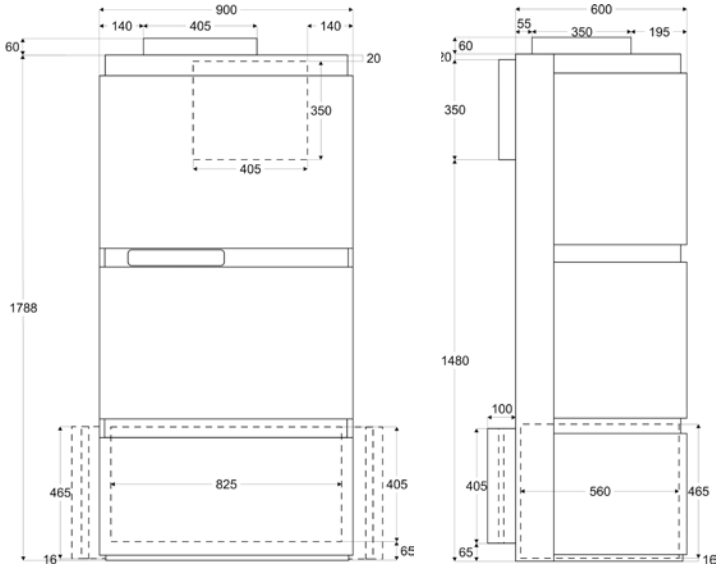
- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry 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.





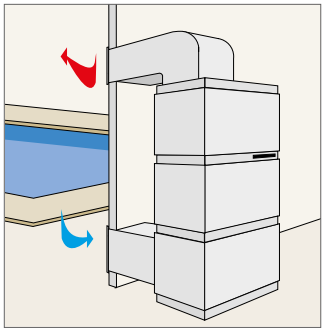
DIMENSIONS (MM) AND WEIGHT

CAE ducted****	508M	508T	510T	513T
Weight (kg, excluding accessories and options)	228		235	240



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

ZODIAC

+ Vertical, ducted installation with modular air intake/outlet configurations
+ Available in 4 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

HYGRO CONTROL

SERVICES +

MADE IN EUROPE

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 a nd 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^3/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)	3.5/3.8 (1)
Accoustic 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

ZODIAC®

ELECTRIC RESISTANCE SPECIFICATIONS

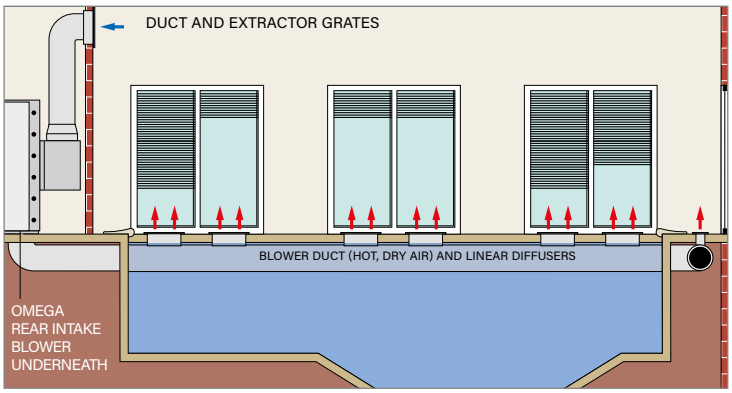
OMEGA ducted	10T	14T	16T	20T
Electric resistance power (kW)	24	34	42	53
Electric resistance Max. absorbed intensity (A)	9.5	11.6	13.6	15.2

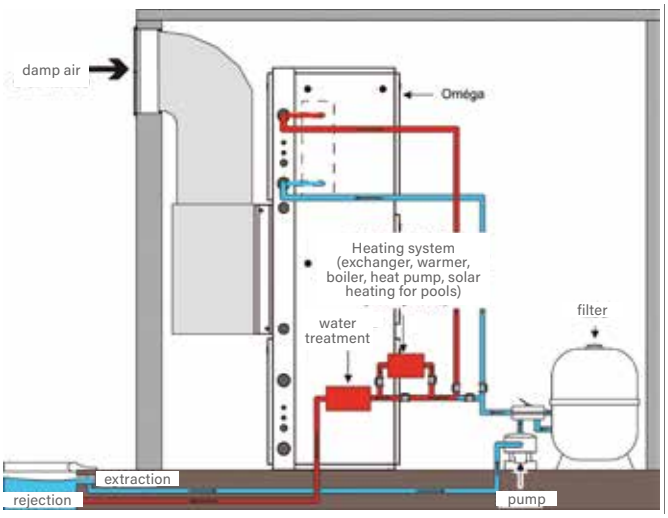
HOT WATER COIL SPECIFICATIONS

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 (m^3/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

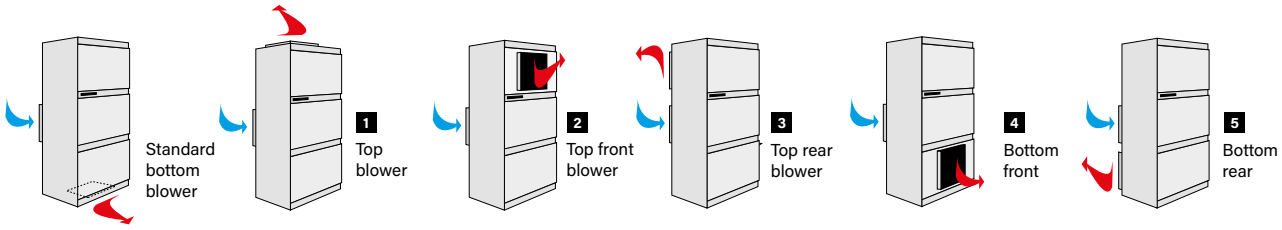
OMEGA

ZODIAC

BLOWER OPTIONS

OMEGA ducted		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			

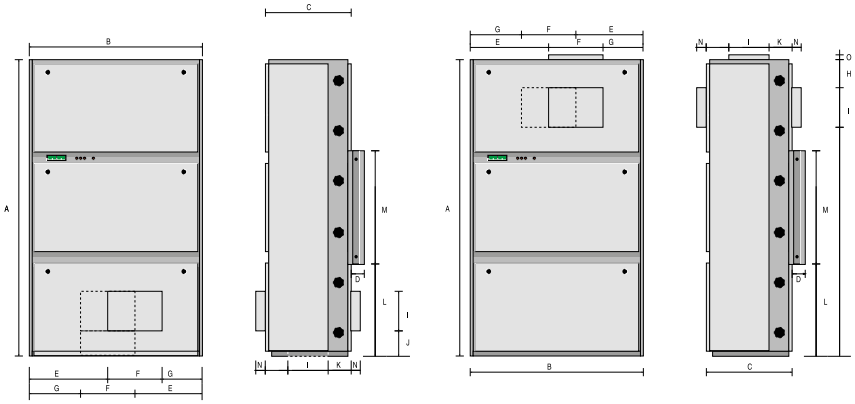
The standard blower on the OMEGA systems is installed under the system (blower inversed compared to the CEA). Optionally, blower can be installed on the top or bottom and either to the front of the rear.



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



Blower at the bottom

Blower at the top

ACCESSOIRES EN OPTION

Filters for OMEGA 10, 14, 16 and 20 tri	Remote regulator box for the dehumidifier
WSD01916	R0771000

DEHUMIDIFIERS



BDP CONFORT Dehumidifying Unit

ASTRALPOOL

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.

CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

OPTIONAL U.V. DISINFECTION SYSTEM
More info in page 351

MADE IN EUROPE

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
COOLING CIRCUIT									
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
FANS									
Type			CENTRIFUGAL						
Air flow rate		m^3/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
OTHER DATA									
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						
OPTIONAL									
Electric heating power		W	5.0		-	-	-	-	-
Hot water coil power	Power	w	11.6		22.2		35.8		54.9
	Primary T.	°C	90						
		°C	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

ASTRALPOOL

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.

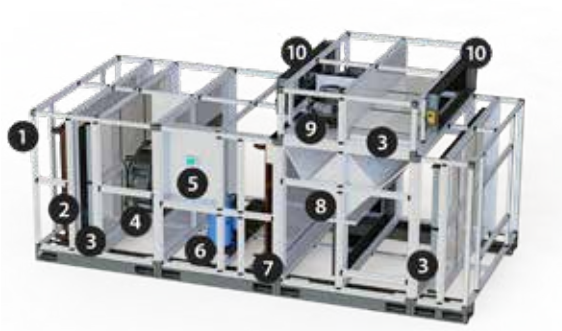
Benefits of choosing the optional heat recovery unit:



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

MADE IN EUROPE

Fluidra Connect compatible

OPTIONAL U.V. DISINFECTION SYSTEM
More info in page 351

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 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_2 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 (1)	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 (2)	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 (3)	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^3/h	1800	2500	3800	5500	7000	10000	12000	15000	18000	22000	30000	40000
Crossflow recuperator	m^3/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.

DEHUMIDIFIERS



MADE IN EUROPE

AIRPOOL+

ASTRALPOOL

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.



Mode 1 Recirculation

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

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

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

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

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

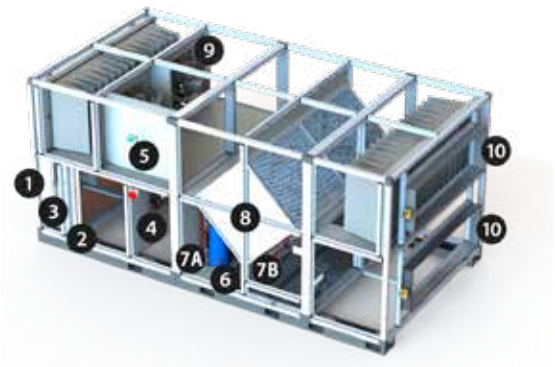
This optional feature is recommended for facilities in areas with high humidity and high temperatures. As this feature is built into the unit, no additional installation is required. It expels excess heat outdoors and feeds cool, dry air into the pool.

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.

OPTIONAL U.V. DISINFECTION SYSTEM
More info in page 351

CONSULT WITH OUR TECHNICAL TEAM FOR SIZING



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. 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 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_2 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	400 / 3 / 50								
Dehumidification (1)	kg/h	13.4	22.3	21.7	44.3	53.6	70.9	84.2	110.7	133.4	177.6
Dehumidification (2)	kg/h	25.6	30.2	57.1	85.6	102.3	136.8	162.4	213.7	256.2	342.3
Dehumidification (3)	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^3/h	2100	3500	4900	7000	8400	11200	13300	17500	21000	28000
Recuperator efficacy (1)	%	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.

DEHUMIDIFIERS

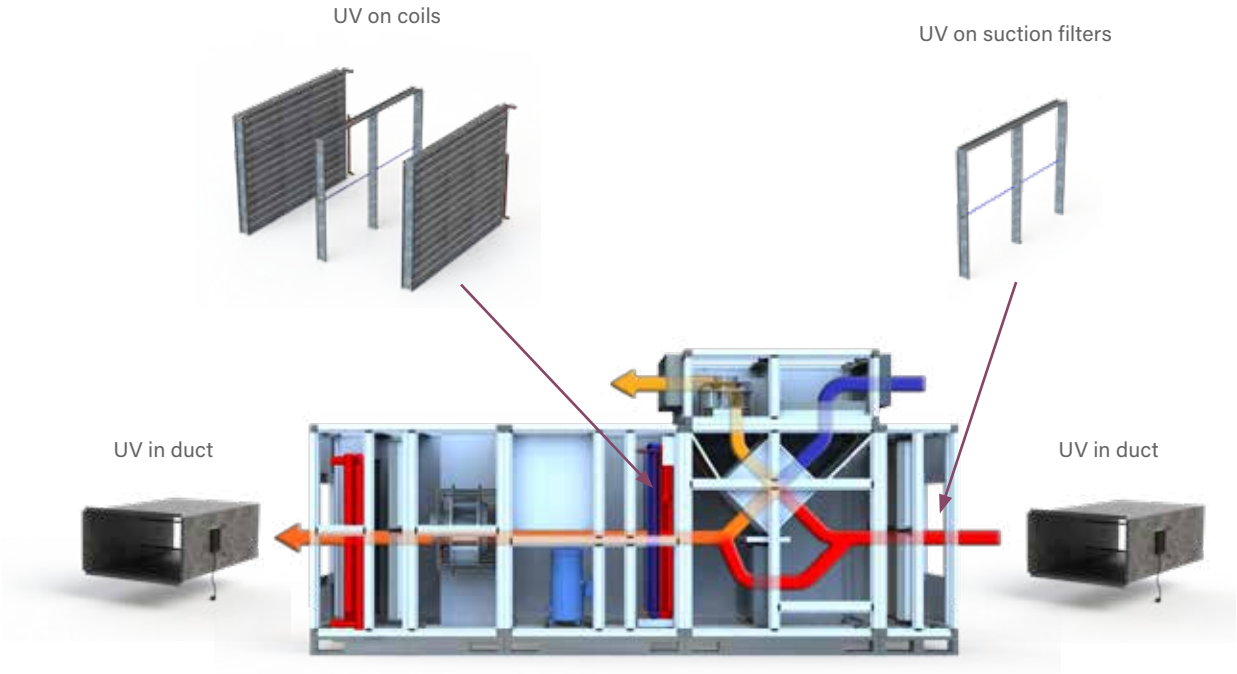
OPTIONAL U.V. disinfection system

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 taylor-made option that we study its location in each dehumidifier.





HEATING & COOLING

354 POOL HEATING SOLUTIONS

356 HEAT PUMPS

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358 Z950 Inverter
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364 AIR TO WATER CHILLER

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367 ELECTRIC HEATERS

367 RE/I

368 HEAT EXCHANGERS

368 Waterheat EVO
369 Etna
370 Uranus Unequipped and Plus

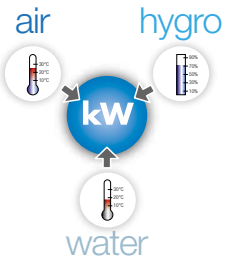
PARAMETERS FOR CHOOSING A HEATING SYSTEM

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^3)
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.

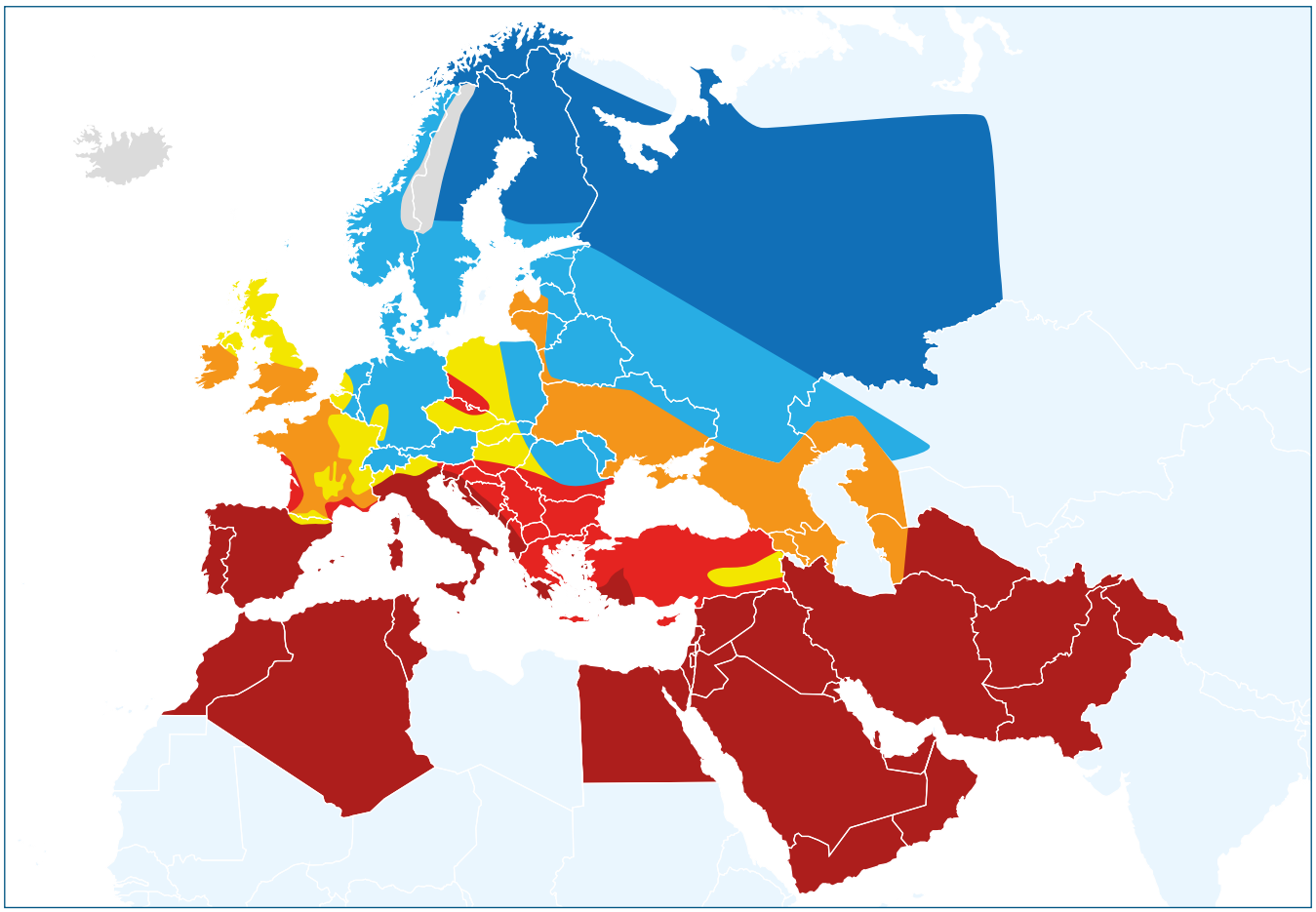
  As an example, a performance coefficient of 5 means that for 1 kWh consumed at the electricity meter, the heat supplies 5 times more energy to the water in the pool, or 5 kWh.

  So the higher the performance coefficient, the more efficient the system.

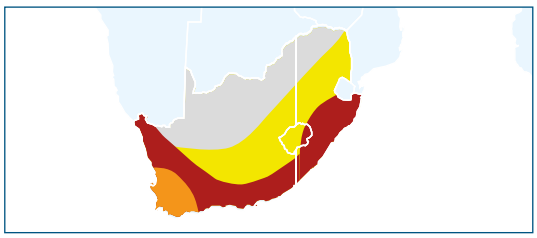


POOL HEATING SOLUTIONS

CLIMATE ZONES



SOUTH AFRICA

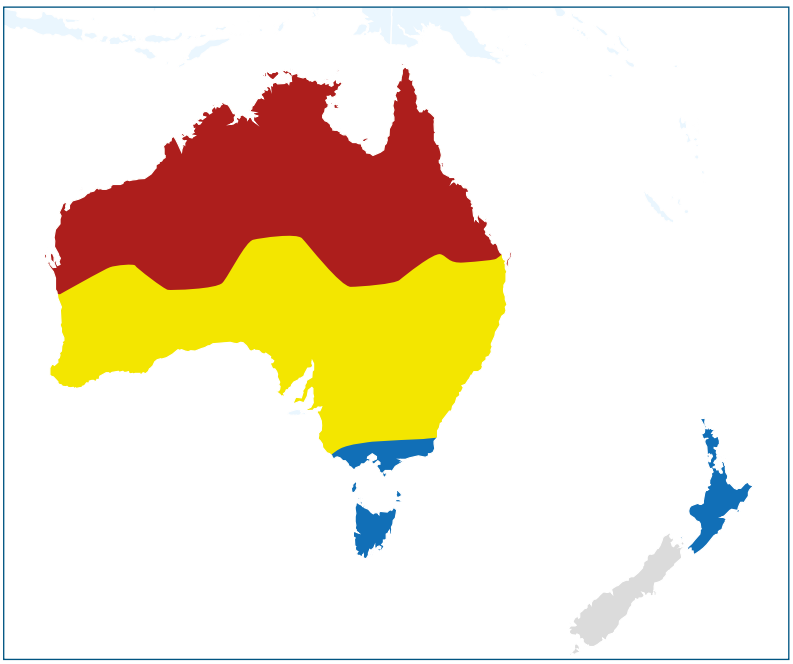


•Pool location zones

Zone 1
Zone 2
Zone 3
Zone 4
Zone 5
Zone 6
Zone 7

Caribbean Islands, Reunion Island, Canary Islands are part of Zone 7.

AUSTRALIA



HEAT PUMPS



CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

POWER FORCE INVERTER

ZODIAC NEW 2026

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.
- Integrated connectivity: ModBus and free Fluidra Pool mobile application.

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 m^3/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.

FULL INVERTER

R32

PROFESSIONAL ADVICE RECOMMENDED

<305M³

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

ON/OFF

HEAT / COOL

-1 °C MIN. AIR TEMP

MADE IN EUROPE

COMPATIBLE NN thing

Energy Efficient

FLUIDRA POOL

Connectivity with Fluidra Pool available from the **second quarter of 2026**

HEAT PUMPS

POWER FORCE INVERTER

ZODIAC®

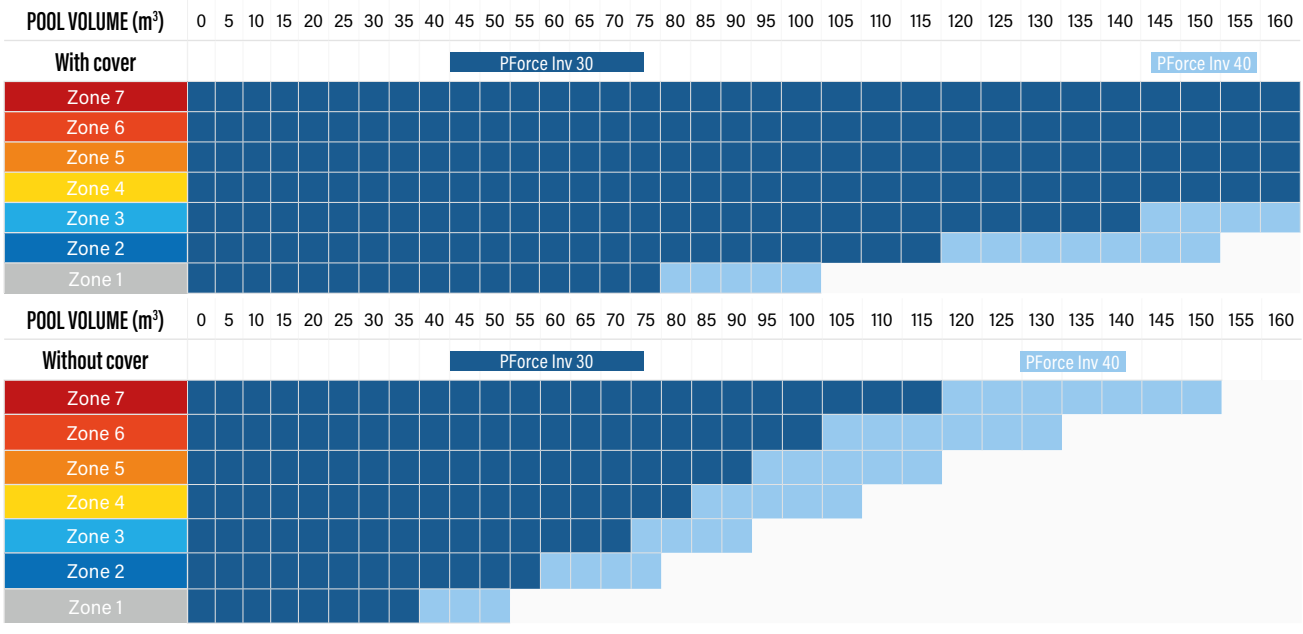
NEW 2026

TECHNICAL FEATURES

Model		PFORCE INV 30	PFORCE INV 40
Standard Model		**WH000625**	**WH000626**
Recommended water flow rate	m³/h	10	
Hydraulic connections	mm	PVC unions, ø50 , glued	
Electric power supply		380-400V / 3N~ / 50-60Hz	
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 135m³ 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 355

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



CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

FULL INVERTER

R32

PROFESSIONAL ADVICE RECOMMENDED

<305M³

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

ON/OFF

HEAT / COOL

-1 °C MIN. AIR TEMP

MADE IN EUROPE

COMPATIBLE NN thing

Energy Efficient

FLUIDRA POOL

Connectivity with Fluidra Pool available from the **second quarter of 2026**

Z950 INVERTER

ZODIAC

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 aerothermal heating and R32 refrigerant gas**
- **Quiet Operation and Durability**
- **Superior Performance**
- **Year-round operation down to -15°C**

Sustainability

It utilizes aerothermal 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
- Integrated connectivity: ModBus and free Fluidra Pool mobile application

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

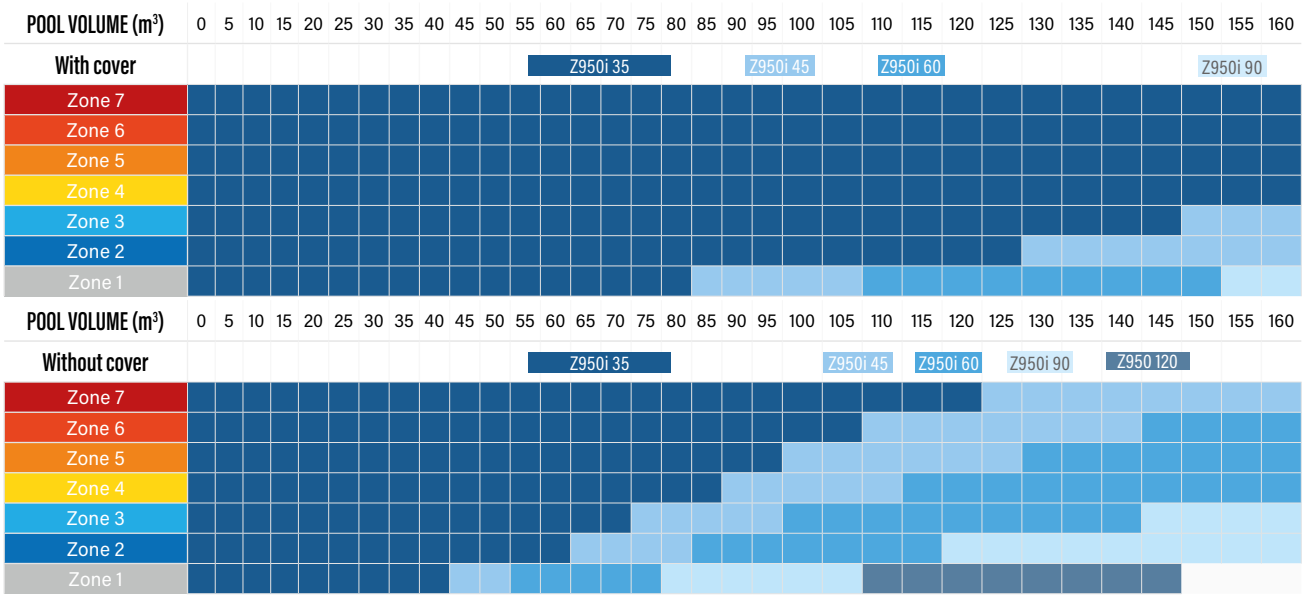
Z950 INVERTER

ZODIAC

TECHNICAL FEATURES

Model		Z950I 35	Z950I 45	Z950I 60	Z950I 90	Z950I 120
Standard Model		**WH000627**	**WH000628**	**WH000629**	**WH000630**	**WH000631**
Recommended water flow rate	m^3/h	12	15	20	35	40
Hydraulic connections	mm	PVC unions, ø63 , glued			PVC unions, ø75 , glued	
Electric power supply		380-400V / 3N~ / 50-60Hz				
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						
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. 355. To get a customized sizing, please consult BILPI configurator: https://pro.zodiac-poolcare.com/bilpi



HEAT PUMPS



MADE IN EUROPE

Fluidra Connect compatible

CONSULT WITH OUR TECHNICAL TEAM FOR SIZING

PROHEAT II INDOOR

ASTRALPOOL

- 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-M0B	69650-M0B	69651-M0B	69652-M0B	69653-M0B
Recommended water flow	m^3/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	dBA (d*)	59.2	59.6	60.0	61.1	61.5
	dBA (5m)	55.4	55.8	56.1	56.5	56.6

HEATING PERFORMANCE

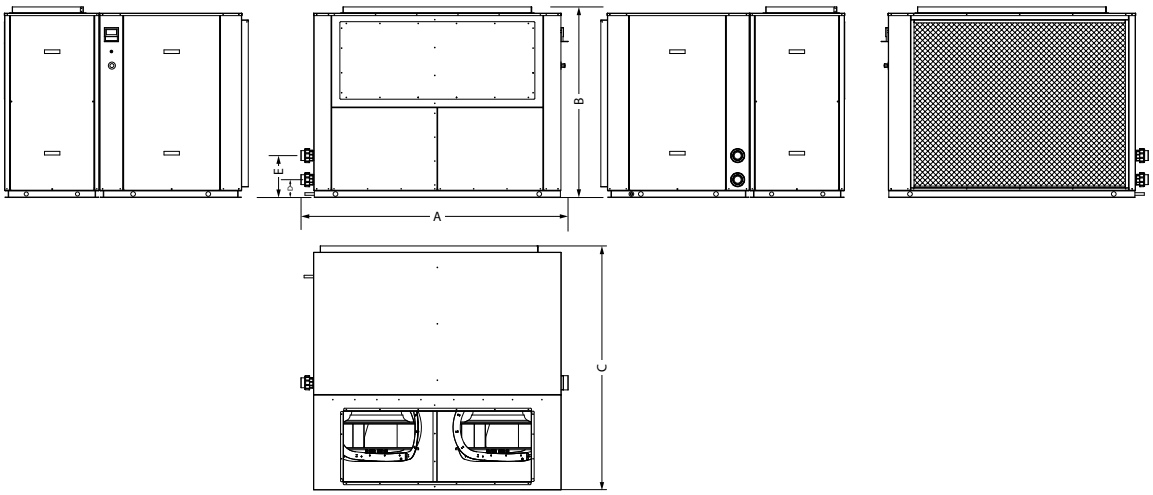
Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
AIR 25°C / WATER 26°C						
Heating capacity	(kW)	43.6	44.4	63.5	91.3	125.5
Power consumption	(kW)	6.7	9.4	11.8	18.7	23.6
COP		6.5	6.0	6.0	6.0	6.0
AIR 15°C / WATER 26°C						
Heating capacity	(kW)	34.9	45.0	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
AIR 5°C / WATER 26°C						
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

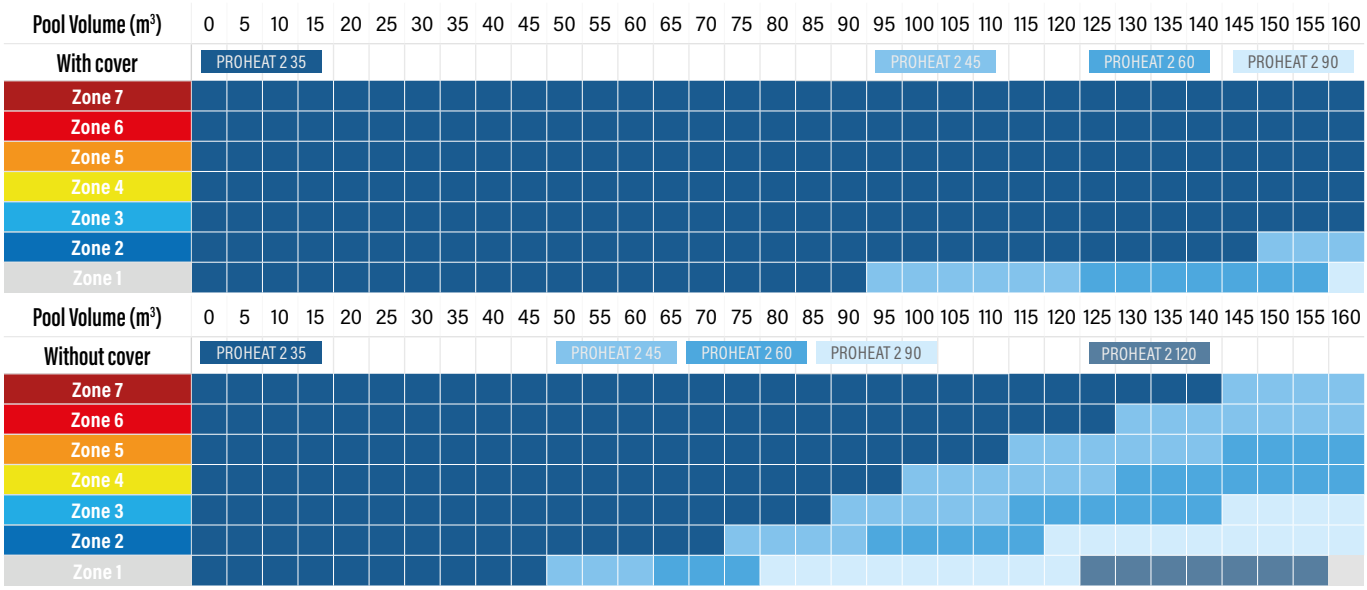
STANDARD AND CHILLER MODELS - WEIGHT AND DIMENSIONS

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		1922+50	2400-100
		B	1160+100	1197+100		2110+100	2024+50
		C	1347+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. 355.
To get a customized sizing, please consult the web configurators:
For professional use, visit our configurator on www.pro.fluidra.com
For public use, visit our simplified configurator on www.astralpool.com



HEAT PUMPS





EXCELLIUM INVERTER

Energy saving and efficiency for all types of pools

ASTRALPOOL

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 -15ºC 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.

-15 °C

R410A

FULL INVERTER

Energy Efficient

5 YEAR COMPRESSOR WARRANTY

7 YEAR canviador de titanio WARRANTY

COMPATIBLE NN thing

Fluidra Connect compatible



- 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



Intuitive and easy-to-program control panel



Outdoor high pressure gauges

- **Automatic defrost by cycle reversal**
- **Full Inverboost Inverter Technology**
- **Vibration dampers, pipettes, drainage pipes and connections of water for stability.**
- **High-performance compressor inside.**

Easy-to-grip holes for easy transport and handling optimal installation

Compact and elegant design with a large surface area ventilation

HEAT PUMPS

EXCELLIUM INVERTER

Energy saving and efficiency for all types of pools

ASTRALPOOL

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^3/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

ALASKA

ASTRALPOOL



3 YEAR WARRANTY

ON/OFF

-5 °C MIN. AIR TEMP

PROFESSIONAL ADVICE RECOMMENDED

R407C

MADE IN EUROPE

Compact model for outdoor installation.
+5°C minimum outdoor air temperature.

- Horizontal blowing.
- Heating priority (filtration pump control).
- Made of non-corrosive magnesium coated aluminium.
- Digital display.
- Helicoidal ventilators with direct coupling motor.
- 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
Recommended water flow	m^3/h	6-10		7-12		10-15	
Electric power supply	V/Ph/Hz	220-240 V/1/50 Hz		380-400 V/3/50 Hz			
Air flow	m^3/h	3800	4900	5500	9800	11000	
Refrigerant FLUID		R-407C					
Refrigerant fluid quantity	kg	2	4,3	4,8	5,5	6,3	6,6

COOLING PERFORMANCE

Model		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
AIR 27°C / WATER 12°C							
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

Maximum air temperature 40°C, minimum water temperature 10°C. Maximum water pressure 3.5 bar.

WEIGHT AND DIMENSIONS

Model		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Dimensions	mm	1311 (+80) x 746 x 512mm	1311 (+80) x 746 x 540mm	1411 (+80) x 846 x 556mm	1372 (+80) x 890 x 650mm	1728 (+80) x 866 x 708mm	
Weight	kg	80	92	102	133	167	197

*Cable not provided. Recommended section for a maximum length of 20 meters.

AIR TO WATER CHILLER

SIBERIA

ASTRALPOOL



Compact model for indoor installation.
+5°C minimum outdoor air temperature.

- Horizontal blowing.
- Heating priority (filtration pump control).
- Made of non-corrosive magnesium coated aluminium.
- Digital display.
- Helicoidal ventilators with direct coupling motor.
- 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.

3 YEAR WARRANTY

ON/OFF

-5 °C MIN. AIR TEMP

PROFESSIONAL ADVICE RECOMMENDED

R407C

MADE IN EUROPE

TECHNICAL FEATURES

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 water flow	m^3/h	6-10		7-12		10-15	
Electric power supply	V/Ph/Hz	220-240 V/1/50 Hz		380-400 V/3/50 Hz			
Electric power supply	m^3/h	3800	4900	5500	9800	11000	
Refrigerant FLUID		R-407C					
Refrigerant fluid quantity	kg	2	4,3	4,8	5,5	6,3	6,6

COOLING PERFORMANCE

Model		SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
AIRE 27 °C / AGUA 12 °C							
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

Model		SIBERIA-4	SIBERIA-6	SIBERIA-8	SIBERIA-10	SIBERIA-15	SIBERIA-17
Dimensions	mm	L 1311 (+80) x 746 x 550 (+50)mm	L 1311 (+80) x 746 x 700 (+50)mm	L 1411 (+80) x 846 x 750 (+50)mm	L 1372 (+80) x 890 x 655 (+50)mm	L 1728 (+80) x 866 x 655 (+50)mm	
Weight	kg	97	112	120	188	219	224

*Cable not provided. Recommended section for a maximum length of 20 meters.

WATER TO WATER CHILLER

BERING CHILLER



MADE IN EUROPE

Fluidra Connect compatible

R407C

- 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^3/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^2	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
AIR 27°C / WATER 12°C							
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

ZODIAC

+ Full digital regulation
+ 2-stage power management
+ Maximum robustness

- Control box with precision thermostat ±0.5°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

EASY INSTALLATION

SERVICES +

Ti22 TITANE INSIDE

MADE IN EUROPE

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

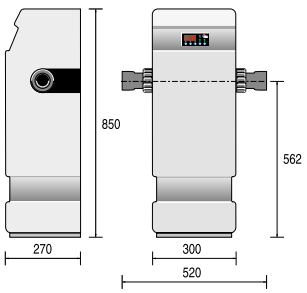
HEATING PERFORMANCE & TECHNICAL FEATURES

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
Abosrbed intensity (A)**	44	52	61	70	87	122	139	174
Water flow (m^3/h)	20 to 30				30 to 50			
Hydraulic connection	PVC half-unions, ø 63, glued				2 flanges, DN 80, with glued PVC fitting, Ø 90			

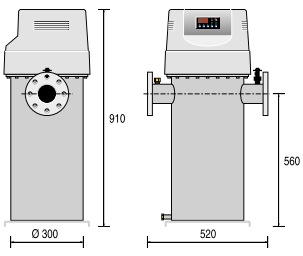
* Tolerance operating voltage +6 -10%. Grid power supply. ** Manufacturing tolerance of + or -5%.

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



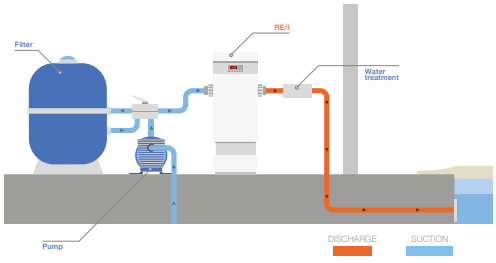
RE/I medium power (RE/I 30 to 48)



RE/I high power (RE/I 60 to 120)

INSTALLATION

- In-line hydraulic connection with two PVC unions, Ø63 (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^3



HEAT EXCHANGERS





MADE IN EUROPE

WATERHEAT EVO

ZODIAC

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^3/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 ½"		
Pool volume	m^3/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 ½"		

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
		ØDz			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:

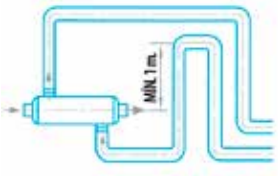
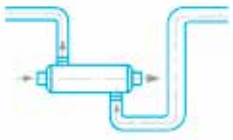
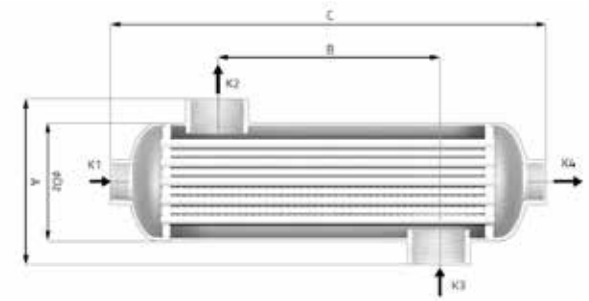




Diagram of assembly below the water level:







HEAT EXCHANGERS

ETNA

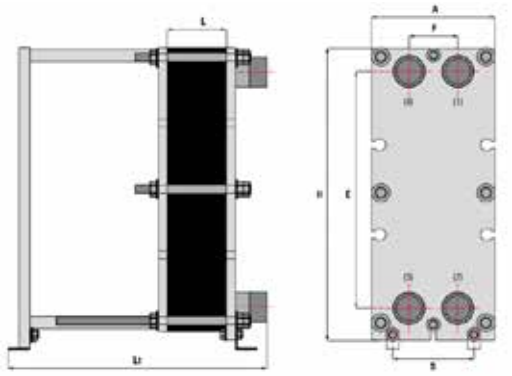


Basic model

- 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.

MADE IN EUROPE

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 (m^3/h)	Head loss (bar)	Connections	Flow rate (m^3/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 PLUS



Uranus Unequipped

URANUS Unequipped and Plus

ZODIAC®

+ 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

3 YEAR WARRANTY

EASY INSTALLATION

SERVICES +

Ti 22 TITANE INSIDE

MADE IN EUROPE

PRODUCT REFERENCES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Plus	WJ000002	WJ000004	WJ000006	WJ000008

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^3/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

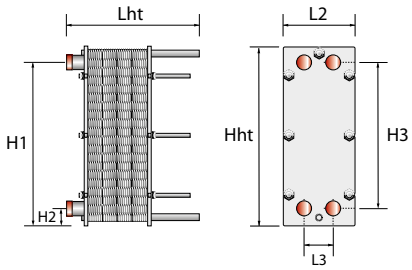
Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

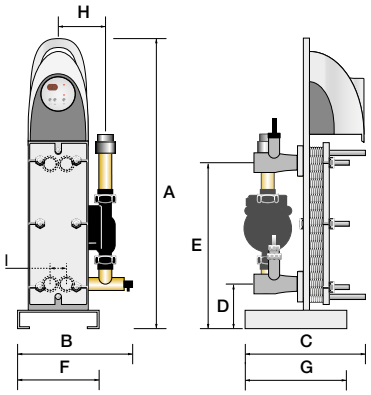
DIMENSIONS (MM) UNEQUIPPED MODEL

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

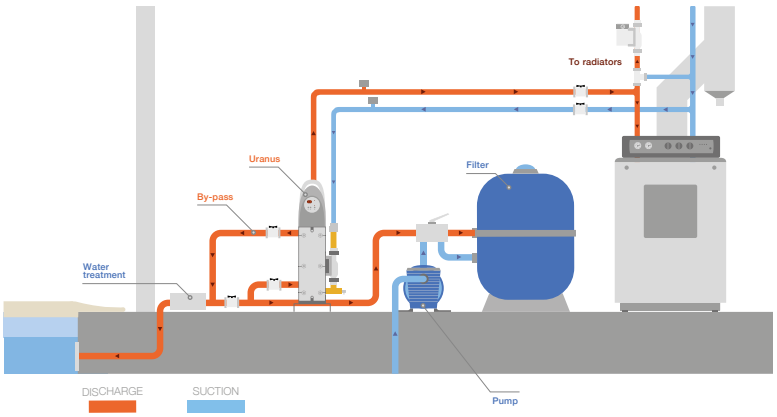
Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60

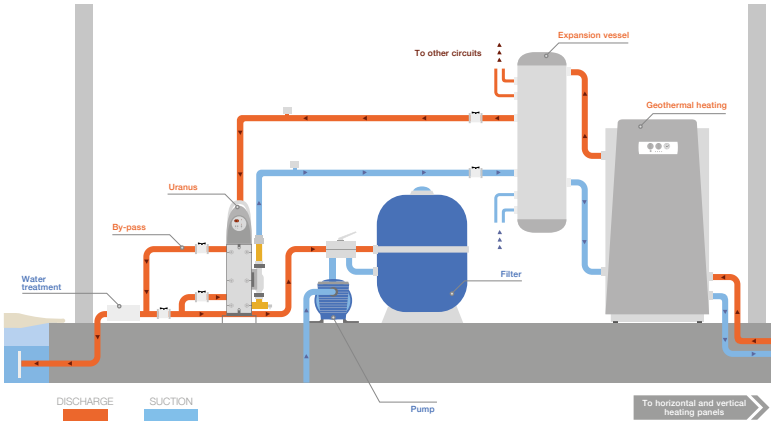


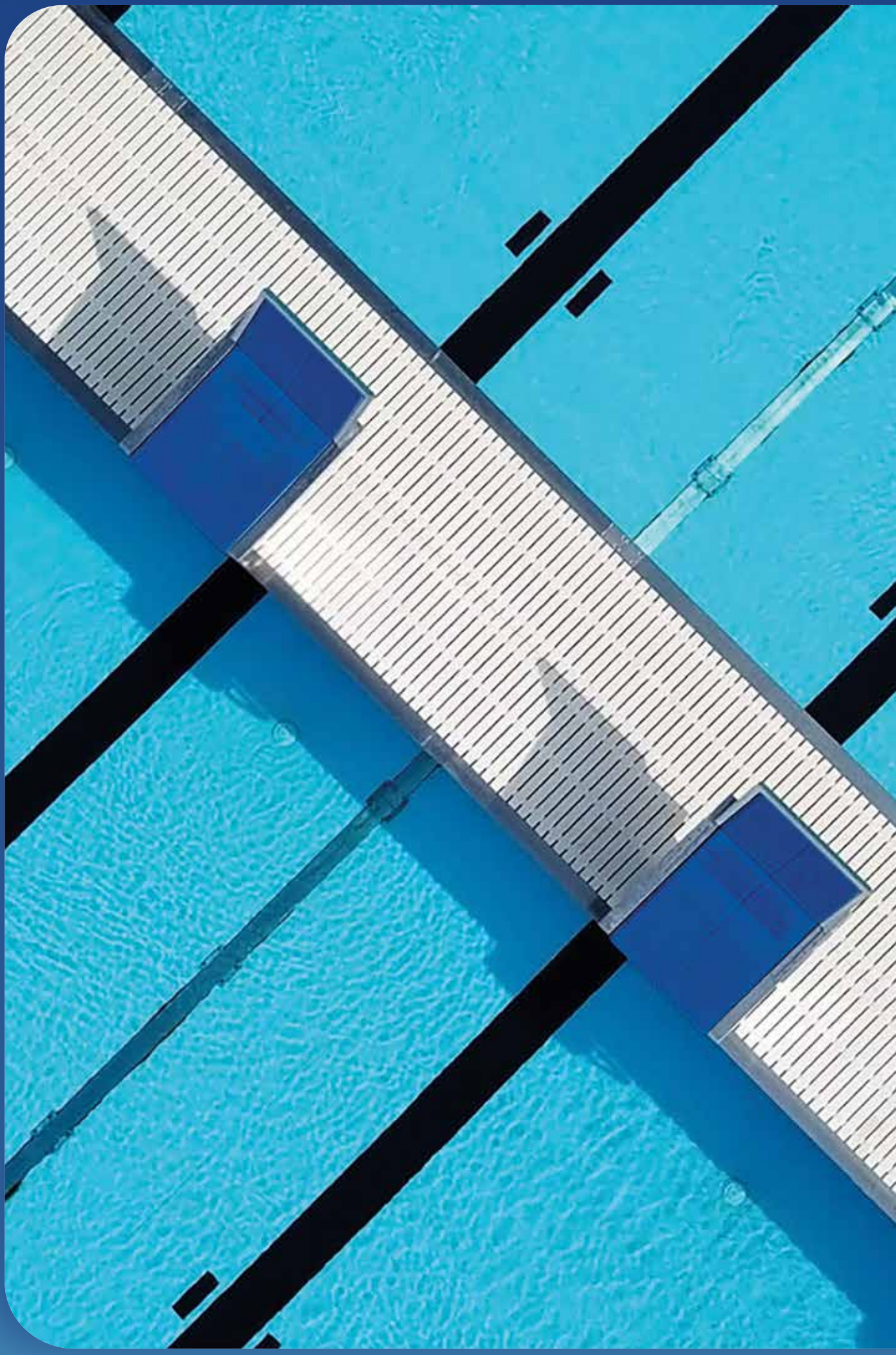


INSTALLATION

- 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.







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 Timing systems

378 PODIUMS
378 Starting blocks
380 Podium anchorage
380 Starting blocks numbers
381 Velocity Advantage starting block
382 Backstroke start competition device
383 Backstroke start training device
384 Headwall for podiums

385 LANE ROPES
385 Sydney model
385 BCN03 model
385 Roma model
385 Moscow model

386 FLOATS
386 Sydney model
386 BCN03 model
386 Moscow model
386 Lane Saver Caddy

387 LANE ROPE ACCESSORIES

390 SIGNAGE
390 False start indicators
391 Backstroke turn indicators

391 TURNING PANELS
391 Turning panels
392 Bracket

392 ANCHORAGE FOR COMPETITION EQUIPMENT
392 Horizontal flange anchoring sockets
392 Angled flange anchoring socket
393 Anchoring socket with locking bolts

394 WATER POLO EQUIPMENT
394 Water Polo Field for Competition
395 Water Polo Field for Training
396 Water Polo Accessories

ASTRALPOOL

SR Smith

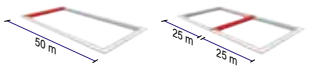
COMPETITION POOL SYSTEMS

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.

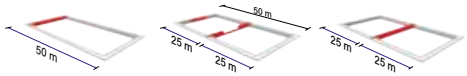


MOVABLE BULKHEAD

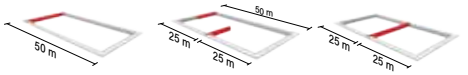
STANDARD MODEL



MEDITERRANEAN MODEL



SPLIT MODEL





Benefits:
Easily integrable solution
World Aquatics Compliant
Quick installation
Added value for businesses
Intuitive use
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
Flexible configuration
Quick installation
Added value for businesses
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.



Benefits:
Easily integrable solution
Adjustable depth
Maximum security
Intuitive use
Hygienic and reliable
Low maintenance

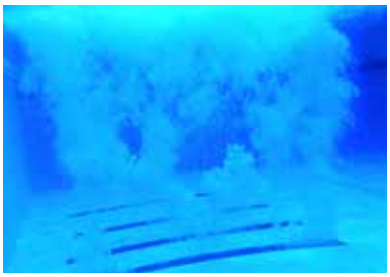
COMPETITION POOL SYSTEMS

SPARGER SYSTEM

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.

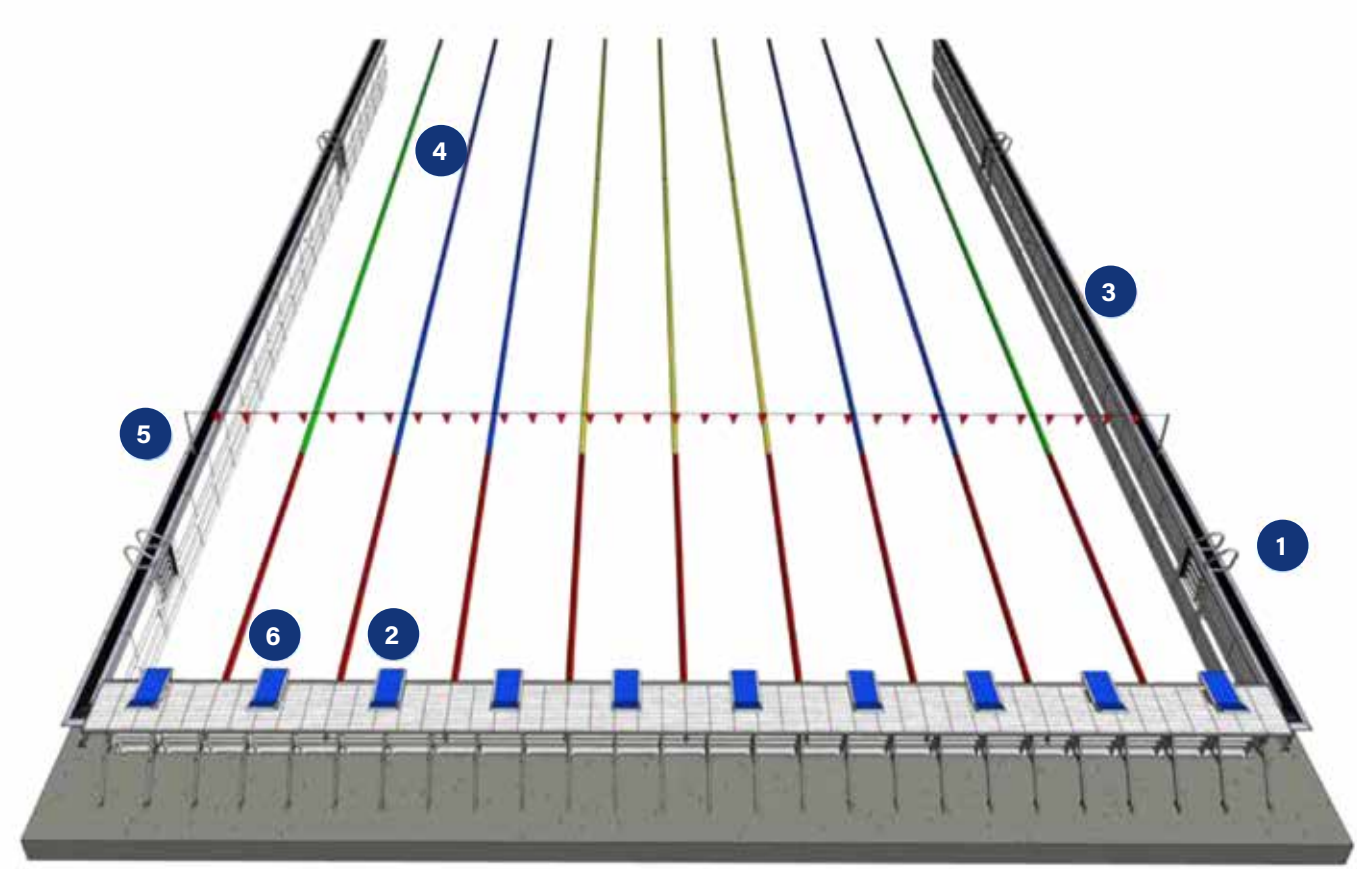
AstralPool has added **Sparger technology** to its pools in the shape of a new safety system for diving pools. Air is released at high pressure from the pool floor, which forms a large amount of bubbles when it mixes with the water to form a cushion for divers. This reduces the risk of injury and divers are more confident when they dive into the water, whether they are beginners or professionals.







LOCATION OF THE EQUIPMENT used in competition pools



1. Ladder
2. Starting block
3. Gratings for pool overflow
4. Float lines
5. Backstroke flags
6. Headwall for Podiums / Turning Panels

TIMING SYSTEMS

The timing system guarantees maximum precision in every competition and training session, offering accurate measurement of athletes' performance and efficient event management. Its technology allows you to synchronise starts, record split and final times, and display results in real time on the scoreboards.

Designed specifically for aquatic environments, it combines reliability, durability and ease of use, ensuring optimal performance in both training facilities and high-level competitions. In addition, it can be customised and designed according to the type of facility and the competitive needs of each project, whether it is a sports centre or a demanding international event.



BASIC SYSTEM

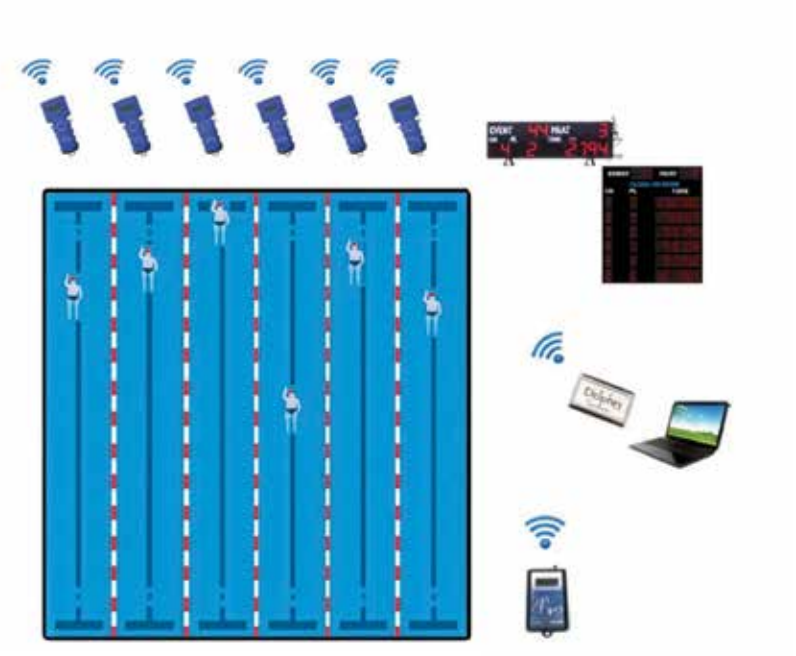
An ideal solution for facilities that currently use manual stopwatches in their competitions.

The use of the wireless timing system saves time and improves the accuracy of records, ensuring more reliable results and more efficient management of events.

It is a semi-automatic system, with automatic start and manual finish.

Components:

- Wireless stopwatches
- Digital scoreboard
- Results computer with wireless base unit
- Wireless start unit for synchronised start



COMPETITION POOL SYSTEMS

BASIC SYSTEM with touch panels

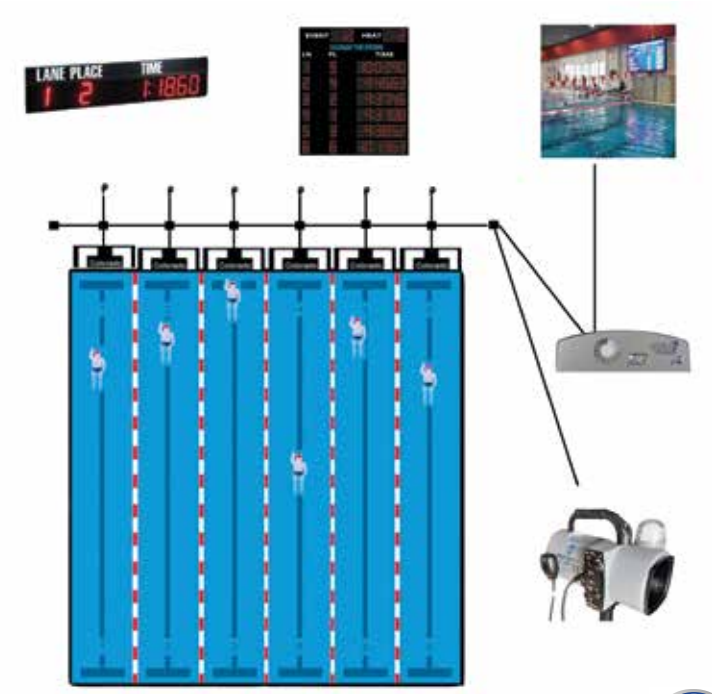
This system automates timing and scoring in swimming competitions.

Touch pads record finish and relay times, transmitting them to the timing system. Final times are automatically displayed on the digital scoreboard.

It offers more accurate and professional control of swimmers' performance.

Components:

- Push buttons
- Touch pads
- Start system
- LED or digital scoreboard
- Timing unit and software



COMPLETE SYSTEM with touch panels

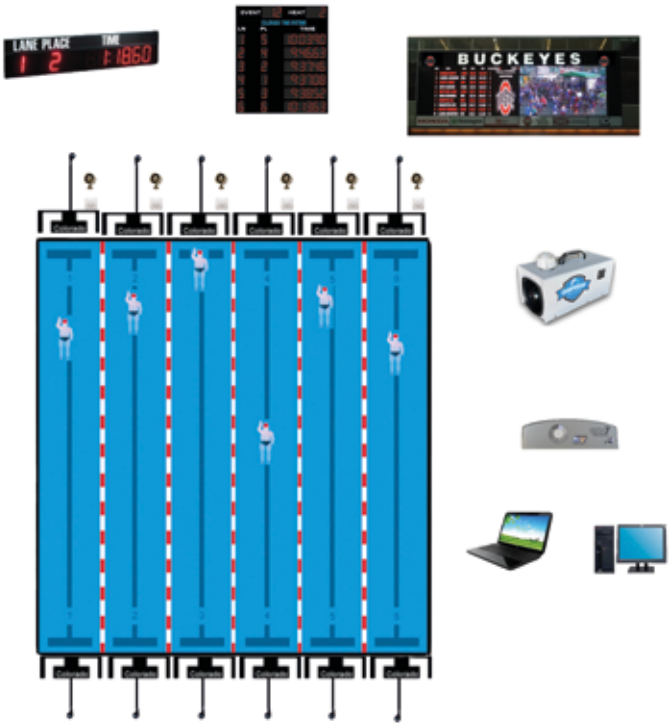
A fully integrated timing system designed for high-level competitions that require maximum precision and reliability.

It includes all the elements necessary for professional automatic measurement, synchronising starts, splits and finishes with total accuracy.

It allows for complete management of events and instant display of results on scoreboards and complies with international standards.

Components:

- Push buttons
- Touch pads
- Start system
- Loudspeaker system
- Relay judges' platforms
- Video screen or digital scoreboard
- Timing unit and software



PODIUMS



Complies with Standard EN 13451-4

World Aquatics

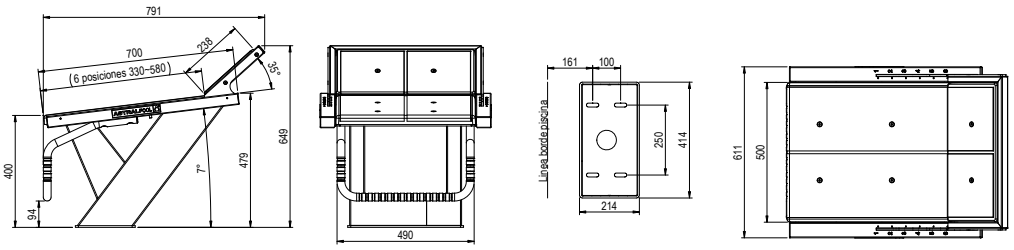
COMPETITION STARTING BLOCK

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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Competition starting block	53875	1	83	0.55





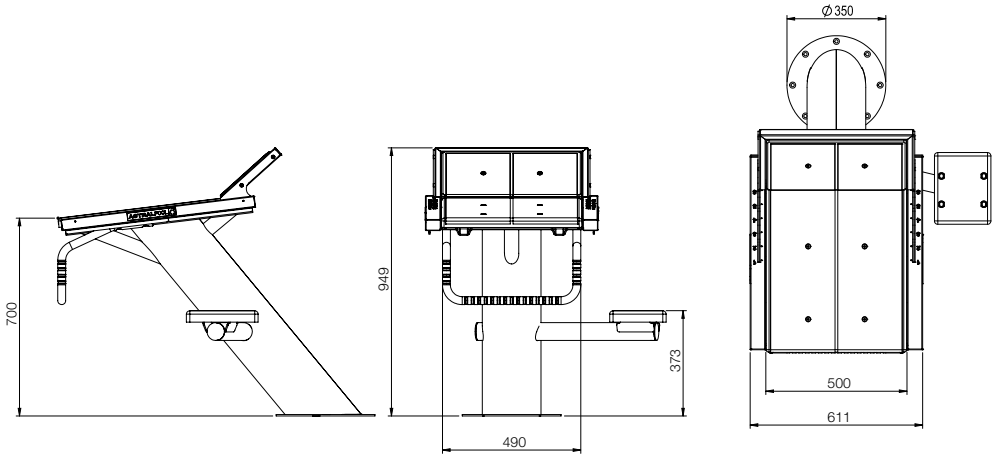
Complies with Standard EN 13451-4

COMPETITION STARTING BLOCK

ASTRALPOOL

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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Competition starting block	74011	1	92	1.062



PODIUMS



Complies with Standard EN 13451-4

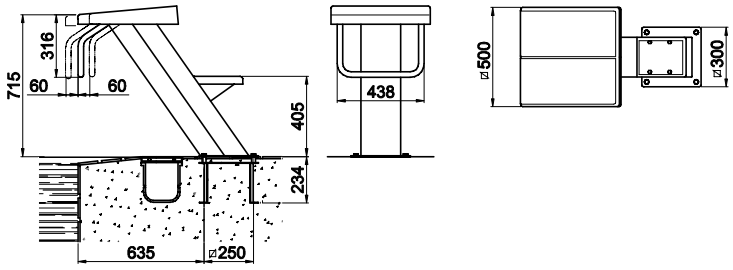
STARTING BLOCKS

ASTRALPOOL

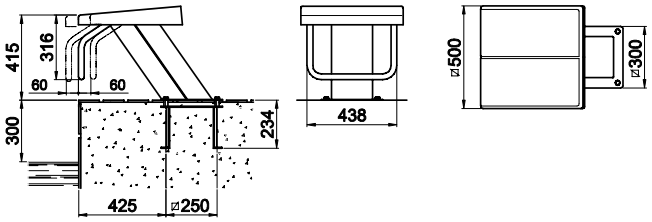
Base in S.S. AISI-316. Adjustable platform in polyester & fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included. Plate anchoring for starting block in AISI-316 code 54461 not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
POLISHED FINISH:				
Height 700 mm	00144	1	32.0	0.36
Height 400 mm	00145	1	25.3	0.18

00144



00145





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.

Complies with Standard EN 13451-4

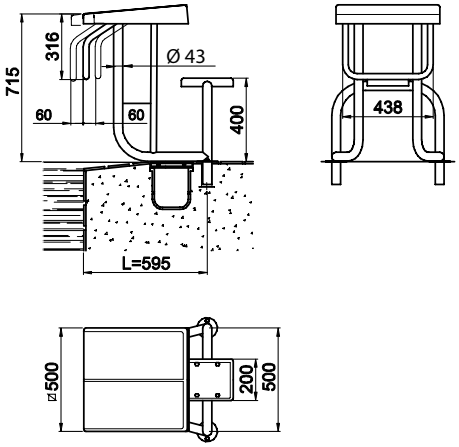
STARTING BLOCKS

ASTRALPOOL

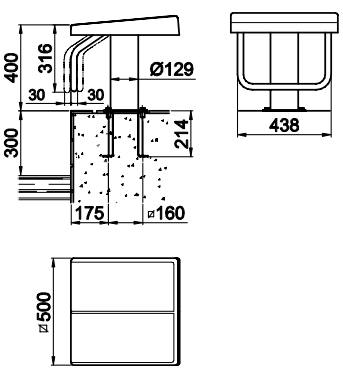
Made in S.S. AISI-304. Platform in Polyester and fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
POLISHED FINISH:				
Height 700 mm	00146	1	25.0	0.48
Height 400 mm	27578	1	18.0	0.11

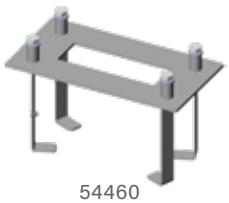
00146



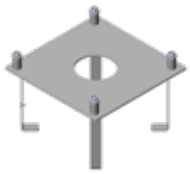
27578



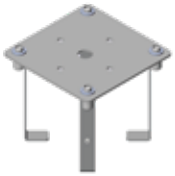
PODIUMS



54460



54461



54462



73971

PODIUM ANCHORAGE IN CONCRETE

ASTRALPOOL

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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Made in AISI-316				
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
Made in AISI-304				
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

ASTRALPOOL

4 units of each supplied.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 80 mm				
(For starting blocks 00146 - 27578 - 27836)				
For starting blocks from 1 to 6	28616	-	-	-
For starting blocks from 1 to 10	28617	-	-	-
Height 100 mm				
(For starting blocks 00144 - 00145 -53875)				
For starting blocks from 1 to 6	34200	-	-	-
For starting blocks from 1 to 10	34201	-	-	-

PODIUMS



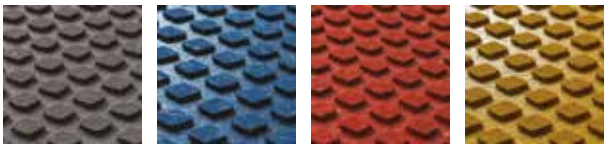
VELOCITY ADVANTAGE STARTING BLOCK

The Velocity Advantage starting block features a strong fibreglass footrest. It also includes a track start wedge. The base is made of marine-grade high-density polyethylene (HDPE) and can be easily mounted on pool decks or walls with minimal drilling.

- 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.

World Aquatics

TrueTread available colors:

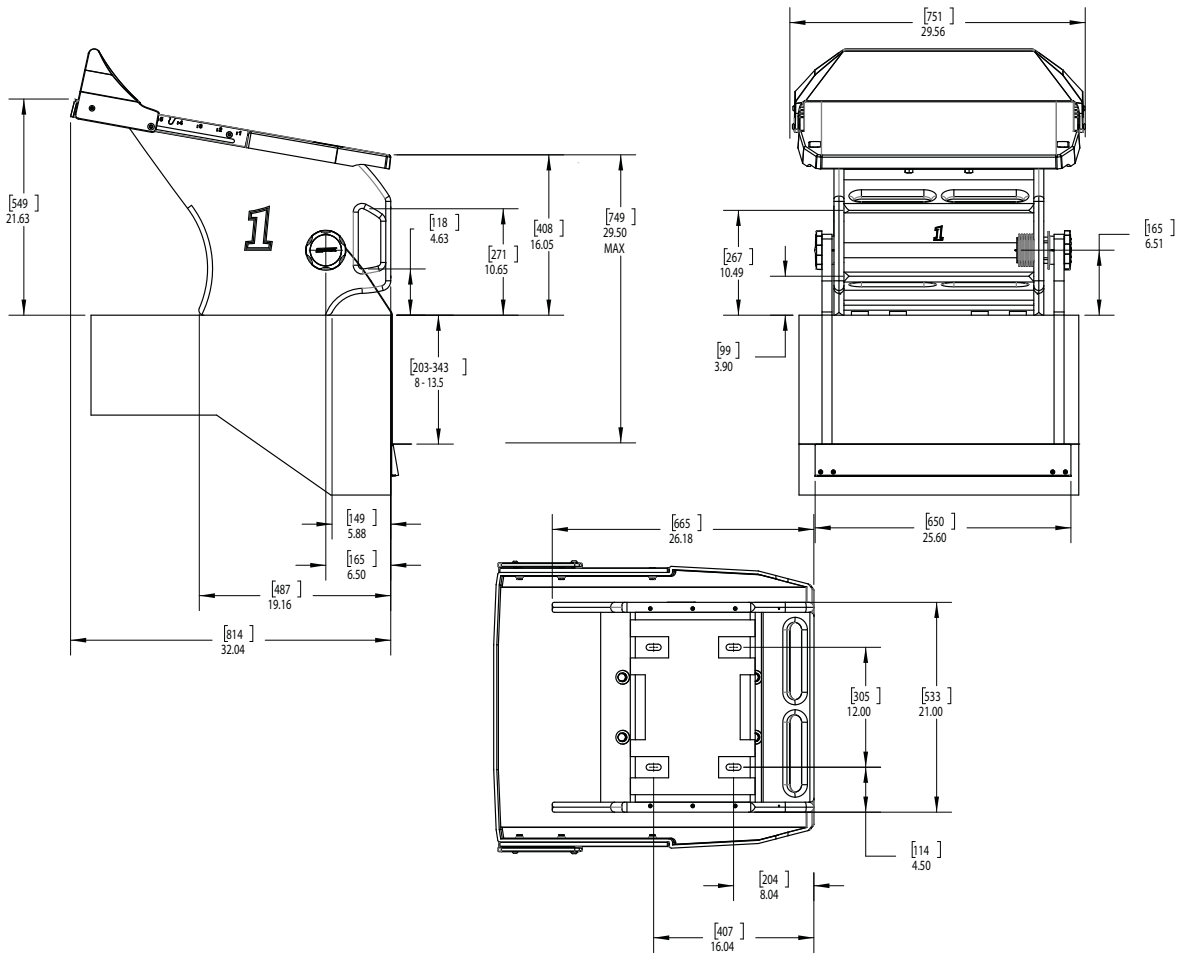


GRAY BLUE RED YELLOW

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 m³
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	-



PODIUMS



BACKSTROKE START SYSTEM competition device

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

Compatible with Velocity Advantage starting block

3 mounting options:



ANCHOR MOUNTING KIT

Plastic anchor with grounding bolt fastened with plastic-headed stainless steel thumb screws



BRACKET MOUNTING KIT

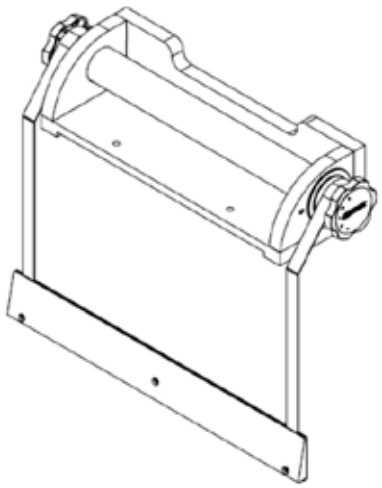
Vinyl-coated 1/4" thick stainless steel bracket with 10 foot long polyester strap and stainless steel cam buckle

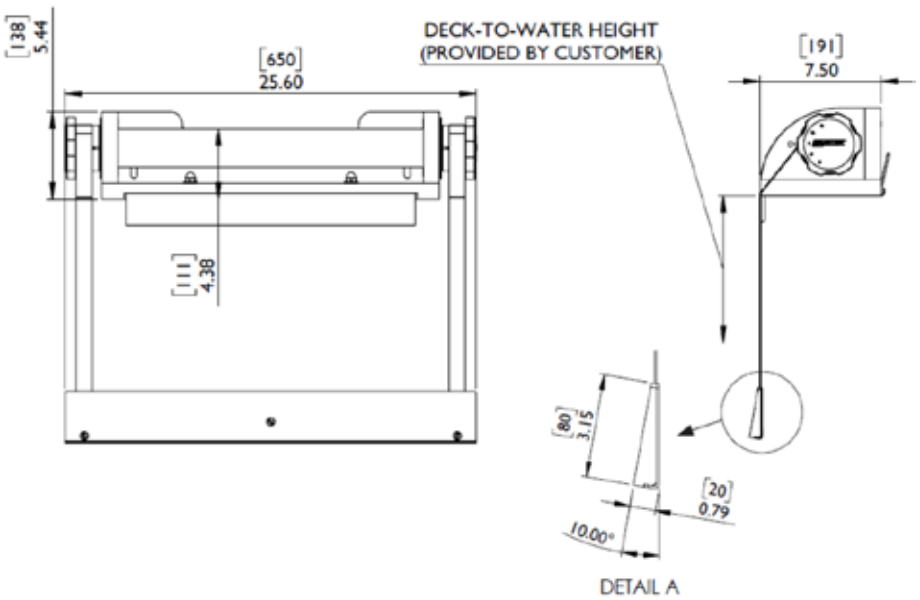


SQUARE POST-MOUNTING KIT

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^3
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	-





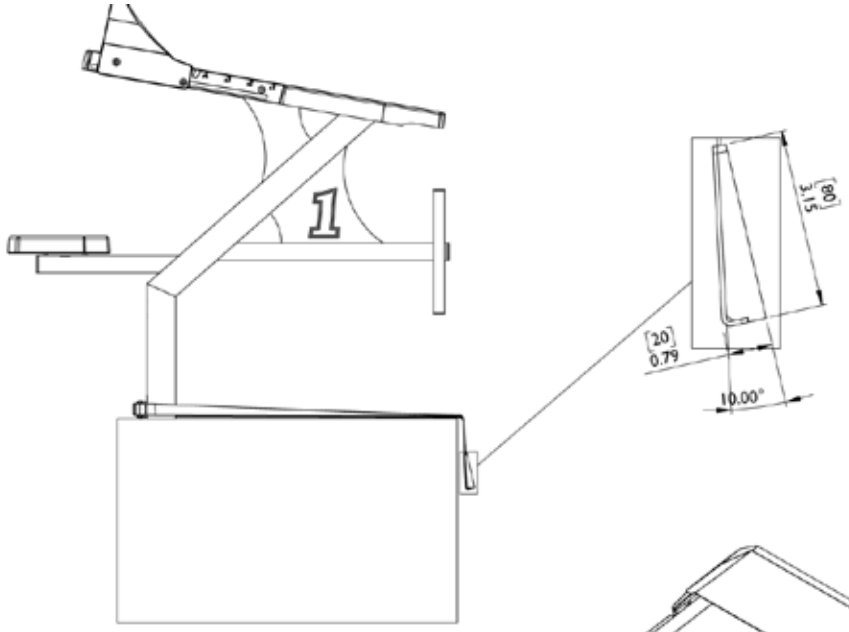
PODIUMS

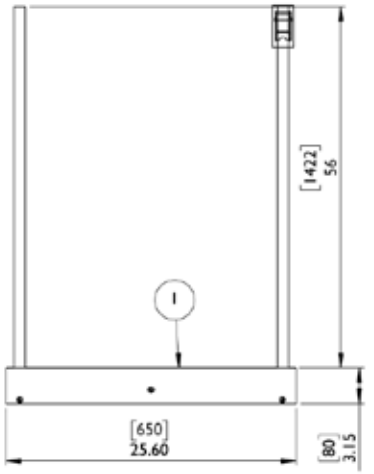


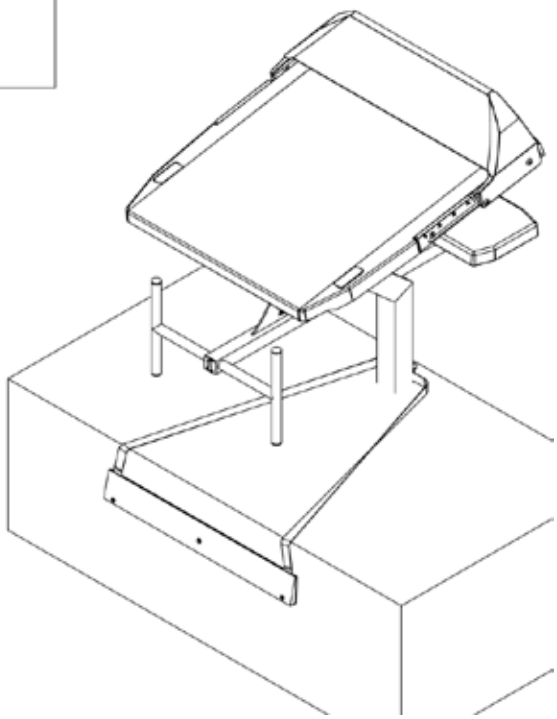
BACKSTROKE START SYSTEM training device

- 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^3
Backstroke start system training device	03-650T	1	1.4	-







PODIUMS

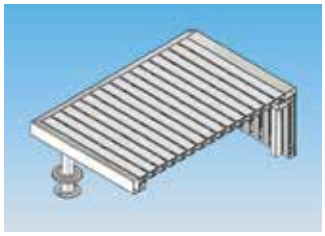


Complies with Standards
EN 13451-1
EN 13451-1-6

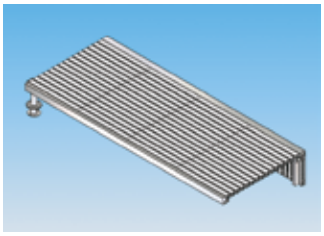
HEADWALL FOR PODIUMS

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.

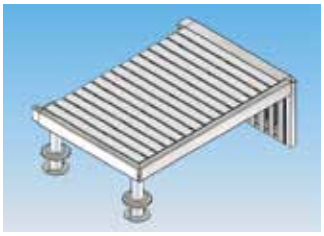
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Headwall, lane width 2 m	34213	1	-	-
Headwall, lane width 2.5 m	34214	1	-	-
Headwall, right corner	34215	1	-	-
Headwall, left corner	34216	1	-	-



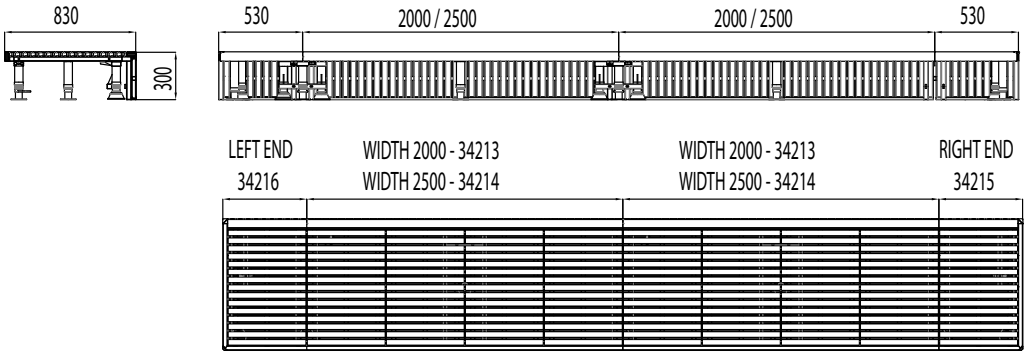
34216



34213 - 2 m
34214 - 2.5 m



34215



LANE ROPES



It is possible to supply any length, colour combination and rope.

WORLD AQUATICS

World Aquatics

SYDNEY MODEL

ASTRALPOOL

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).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
12.5 m*				
White colour	67607	1	-	-
16.5 m*				
White colour	67608	1	-	-
25 m				
Red - White colour	67609	1	-	-
Red - Green colour	67612	1	-	-
Red - Blue colour	67613	1	-	-
Red - Yellow colour	67614	1	-	-
33 m*				
Red - White colour	67610	1	-	-
50 m				
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)



It is possible to supply any length, colour combination and rope.

WORLD AQUATICS

World Aquatics

BCN03 MODEL

ASTRALPOOL

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.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
25 m				
Red - White colour	67599	1	-	-
Red - Green colour	67601	1	-	-
Red - Blue colour	67602	1	-	-
Red - Yellow colour	67603	1	-	-
50 m				
Red - White colour	67600	1	-	-
Red - Green colour	67604	1	-	-
Red - Blue colour	67605	1	-	-
Red - Yellow colour	67606	1	-	-





ROMA MODEL

ASTRALPOOL

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 m³
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

ASTRALPOOL

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 m³
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

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Colour				
White	54032	-	-	-
Yellow	54031	-	-	-
Blue	54028	-	-	-
Red	54029	-	-	-
Green	54030	-	-	-



BCN03 MODEL

ASTRALPOOL

Supplied with inner turbine mechanism.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Colour				
White	28204	-	-	-
Green	28425	-	-	-
Blue	28423	-	-	-
Red	28424	-	-	-

MOSCOW MODEL

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Moscow propeller:				
Colour				
White	00161	-	-	-
Orange	00162	-	-	-
Blue	00163	-	-	-
Red	00164	-	-	-



Roma floaters:

Colour

White	00149	-	-	-
Orange	00150	-	-	-
Blue	00151	-	-	-
Red	00152	-	-	-



LANE SAVER CADDY

SR Smith

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^3
Lane Saver Caddy	30-61-1014	-	-	-



LANE ROPE ACCESSORIES

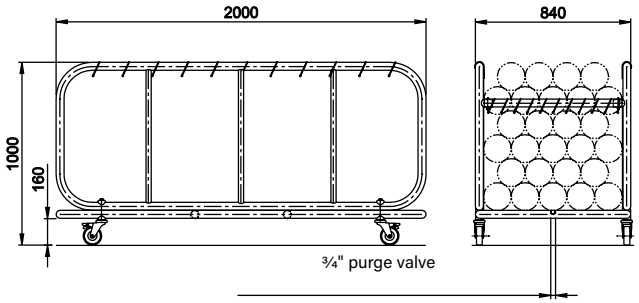


LANE ROPE STORAGE BASKET

ASTRALPOOL

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^3
	28623	1	55.0	0.389





LANE ROPE ROLLER

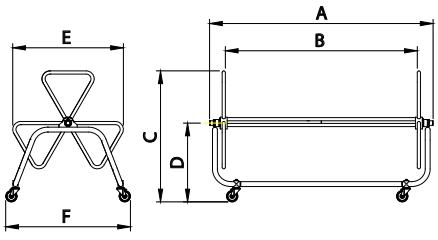
ASTRALPOOL

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^3
Width 1.2 m	58860	1	27	0.31
Width 1.8 m	58859	1	32	0.45

NUMBER OF LANE ROPES COLLECTED

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

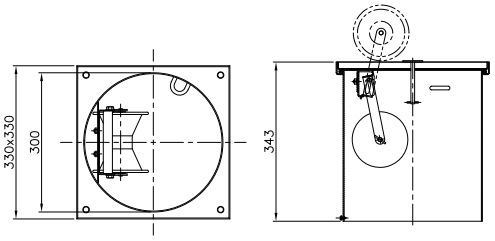


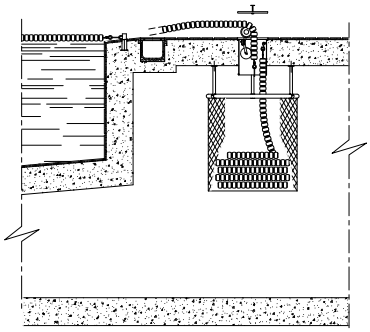
UNDER DECK lane rope storage system

ASTRALPOOL

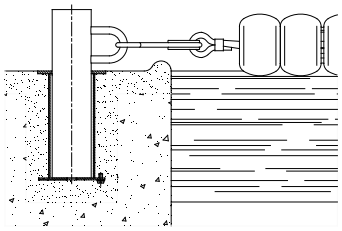
Made of AISI-316, allows the storage of the float lines beneath the deck. The float line box is embedded in the pool surround and holds the retractable reel over which the float line slides into the hole. This unit can be complemented with a lane rope collecting bag if required.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
15842	1	12.8	0.08



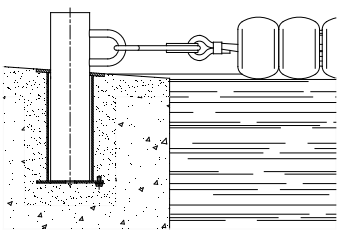


Zurich/Wiesbaden type installation diagram



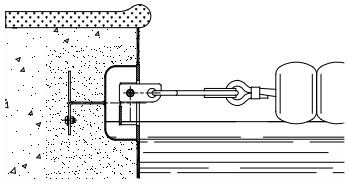
Anchor code 00141
Lane rope support code 00140

Finnish type installation diagram



Anchor code 00142
Lane rope support code 00140

Standard type Installation diagram



Anchoring cup code 09206
code 09207
code 00205
code 00206



LANE ROPE ANCHOR

ASTRALPOOL

Made in AISI-316 stainless steel. To use with anchoring fixture 00141 and 00142.

Code	Standard Pack	Standard weight in kg	Standard volume in m³
00140	1	0.63	0.003



CONCRETE anchoring cup with central rod

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For concrete pool	09206	1	0.4	0.001



CONCRETE anchoring cup with central rod

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For prefabricated pools with flange, gasket and screws	09207	1	0.5	0.001

LANE ROPE ACCESSORIES



RETRACTABLE ANCHORING CUP

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For concrete pool with a retractable hook	00205	1	0.46	0.001

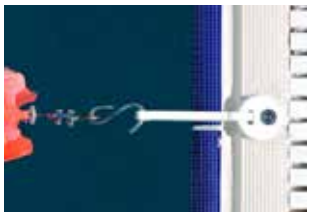


RETRACTABLE ANCHORING CUP

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For prefabricated pools with retractable hook, flange, gaskets and screws	00206	1	0.6	0.001



LANE ROPE ANCHORE FOR OVERFLOW POOLS

SR Smith

- 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^3
Lane Line Anchor for Overflow Pools 140mm	17-61-140S	-	-	-
Lane Line Anchor for Overflow Pools 200mm	17-61-200S	-	-	-



LANE ROPE RATCHET

ASTRALPOOL

Chrome plated brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00208	1	0.97	0.002



LANE ROPE RATCHET

ASTRALPOOL

AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00209	1	0.2	0.001

LANE ROPE ACCESSORIES



LANE ROPE SPRING

ASTRALPOOL

AISI-304 stainless steel with cable fastener.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	01468	1	0.62	0.002



LANE ROPE HOOK

ASTRALPOOL

Stainless Steel AISI-304.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00207	1	5	0.01

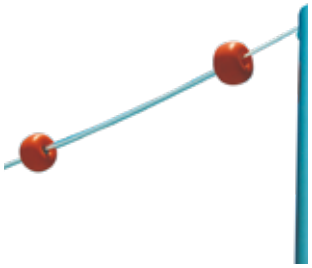


CORDS AND CABLES

ASTRALPOOL

	Code	Standard Pack in m	Standard weight in kg	Standard volume in m^3
Ø 7 mm polyester rope AISI-316 Stainless steel cable	00210	-	-	-
Ø 4 x 6 mm with plastic coating DIN 3055 AISI-316 Stainless steel cable	00211	-	-	-
Ø 6 mm without plastic coating	28808	-	-	-

SIGNAGE



FALSE START INDICATORS

ASTRALPOOL

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^3
False start posts:				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19950	1	5.6	0.01
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19951	1	9.4	0.01
False start floats:				
Polyester cord and floats	19954	1	-	-

NOTE:
Pool dimensions should be stated when placing the order.

WORLD AQUATICS

World Aquatics

SIGNAGE



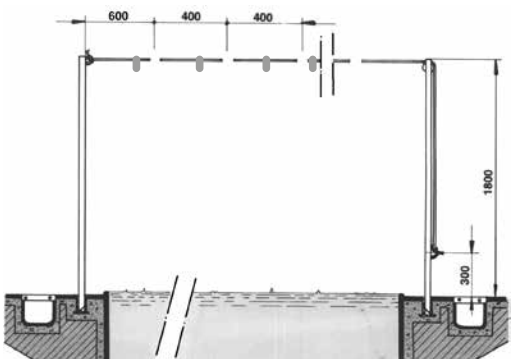
BACKSTROKE TURN INDICATORS

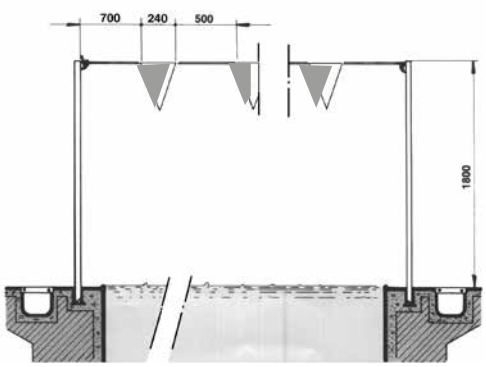
Please indicate pool width when placing your order.
Comprises 4 posts in AISI-316 stainless steel. Height 1.8 m. Anchoring sockets not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Backstroke turn indicator posts				
- 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
Backstroke turn indicator bunting				
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^3
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 13451-1-6

TURNING PANELS

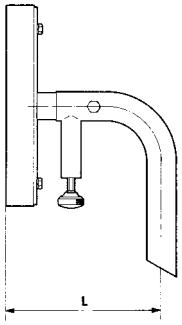


BRACKET

ASTRALPOOL

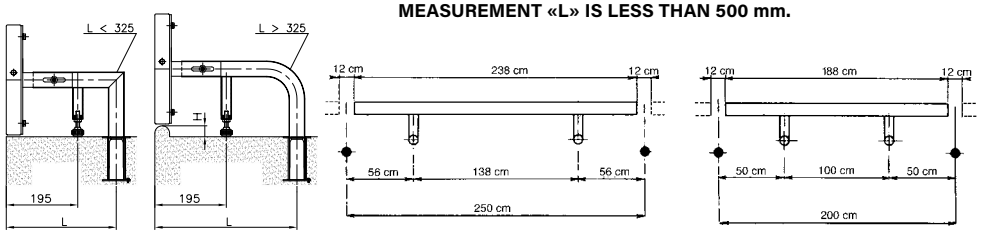
AISI-316 stainless steel ((for coupling to 00141 and 00142 fasteners, not included). State H and L dimensions and type of overflow channel when placing an order. A minimum of two units are required for each turning panel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00139	1	4.0	0.054

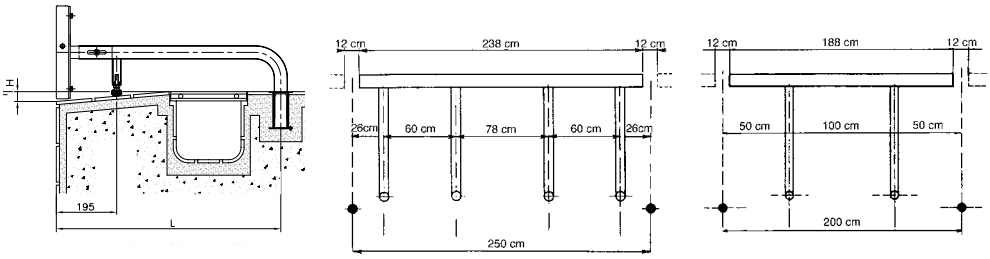


Complies with Standards
EN 13451-1
EN 13451-1-6

ANCHORING DETAILS WHEN MEASUREMENT «L» IS LESS THAN 500 mm.



ANCHORING DETAILS WHEN MEASUREMENT «L» IS OVER 500 mm.



ANCHORAGE FOR COMPETITION EQUIPMENT



HORIZONTAL flange anchoring sockets

ASTRALPOOL

Zurich-Wiesbaden. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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

ASTRALPOOL

Finnish. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe	00142	1	1.13	0.002
For Ø 48 mm pipe	19961	1	1.26	0.002

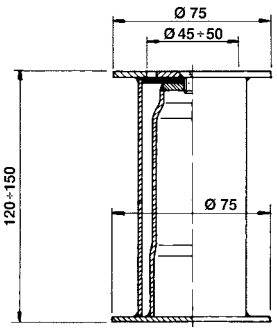
ANCHORAGE FOR COMPETITION EQUIPMENT



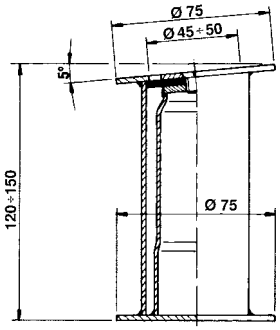
ANCHORING socket with locking bolts

With bolts. In S.S. AISI-316.

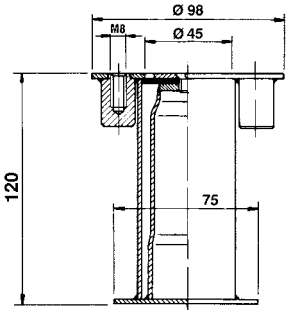
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00143	1	1.47	0.003



Code 00141
Code 19960



Code 00142
Code 19961



Code 00143

WATER POLO EQUIPMENT

WATER POLO FIELD FOR COMPETITION - MOSCOW LANE ROPES





REAR TRANSVERSAL MOSCOW

ASTRALPOOL

White/white including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Moscow 11 m lanes				
ø 100 mm	77450	4	40	1,0
Pool Size 33 x 25 m. Moscow 11 m lanes				
ø 100 mm	77458	4	40	1,0
Pool Size 25x16 m. Moscow 7 m lanes				
ø 100 mm	77466	4	30	0,7





FRONT TRANSVERSAL MOSCOW

ASTRALPOOL

White/red color including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Moscow 11 m lanes				
ø 100 mm	77451	4	40	1,0
Pool Size 33 x 25 m. Moscow 11 m lanes				
ø 100 mm	77459	4	40	1,0
Pool Size 25x16 m. Moscow 7 m lanes				
ø 100 mm	77467	4	30	0,7





LONGITUDINAL MOSCOW

ASTRALPOOL

Longitudinal Moscow lane for women's and men's field. Special spring and tensioner included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Moscow 50 m lanes				
ø 100 mm	77452	2	100	1,2
Pool Size 33 x 25 m. Moscow 33 m lanes				
ø 100 mm	77460	2	65	1,2
Pool Size 25x16 m. Moscow 25 m lanes				
ø 100 mm	77468	2	45	1,2





REAR TRANSVERSAL ROMA

ASTRALPOOL

White/white including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Roma 11 m lanes				
ø 80 mm	77454	4	34	0,5
Pool Size 33 x 25 m. Roma 11 m lanes				
ø 80 mm	77462	4	34	0,5
Pool Size 25x16 m. Roma 7 m lanes				
ø 80 mm	77470	4	24	0,4





FRONT TRANSVERSAL ROMA

ASTRALPOOL

White/red color including red penalty area. Hook and thread tensor included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Roma 11 m lanes				
ø 80 mm	77455	4	34	0,5
Pool Size 33 x 25 m. Roma 11 m lanes				
ø 80 mm	77463	4	34	0,5
Pool Size 25x16 m. Roma 7 m lanes				
ø 80 mm	77471	4	24	0,4





LONGITUDINAL ROMA

ASTRALPOOL

Longitudinal Roma lane for women's and men's field. Special spring and tensioner included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Size 50 x 25 m. Roma 50 m lanes				
ø 80 mm	77456	2	80	0,6
Pool Size 33 x 25 m. Roma 33 m lanes				
ø 80 mm	77464	2	50	0,6
Pool Size 25x16 m. Roma 25 m lanes				
ø 80 mm	77472	2	40	1,0

WATER POLO EQUIPMENT

WATER POLO ACCESSORIES



World Aquatics

WATER POLO GOALS - COMPETITION

ASTRALPOOL

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^3
Set of 2 Water Polo goals	69654P	1	120	-



WATER POLO GOALS - TRAINING

ASTRALPOOL

Set of two Water Polo goals (including nets).

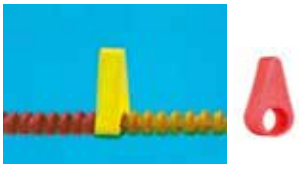
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Set of 2 Water Polo goals (180 x 90 x 100cm)	77474	1	30	-
Set of 2 Water Polo goals (250 x 90 x 100cm)	77475	1	40	-



SPRING COVER PROTECTION

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Spring Cover Protection (12cm x 10 cm diameter)	76552	1	0,3	-



SET OF 18 FOAM CONES for WP Field

ASTRALPOOL

2 White, 4 yellow, 12 red.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Set of 18 foam cones	76553	1	4	-



CENTRAL SERVICE COMPETITION

ASTRALPOOL

Including 25 m rope.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Central Service for Competition	71445	1	3	-

WATER POLO EQUIPMENT

WATER POLO ACCESSORIES



EYE LET

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Eye let	75882	2	3	-



WATERPOLO FLAG SET

ASTRALPOOL

8 units (2 RED, 2 GREEN, 2 WHITE, 2 YELLOW).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Set of Water Polo flags	75883	8	3	-



NON-SLIP FLOOR REFEREE PLATFORM

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Non-slip floor (10 meter x 100cm wide)	77476	1	40	-



REFEREES CATWALK AND STORAGE CART

ASTRALPOOL

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^3
Referee catwalk 34 meter	77477	2	-	-
Storage cart for referees catwalk	77478	3	-	-





WELLNESS

FLUIDRA



ASTRALPOOL


FRIGIDARIUM



UNFORGETTABLE WELLNESS EXPERIENCE

Quality time is one of the most precious resources in today's world, which is why Fluidra takes care ofevery 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 exploreunknown paths...

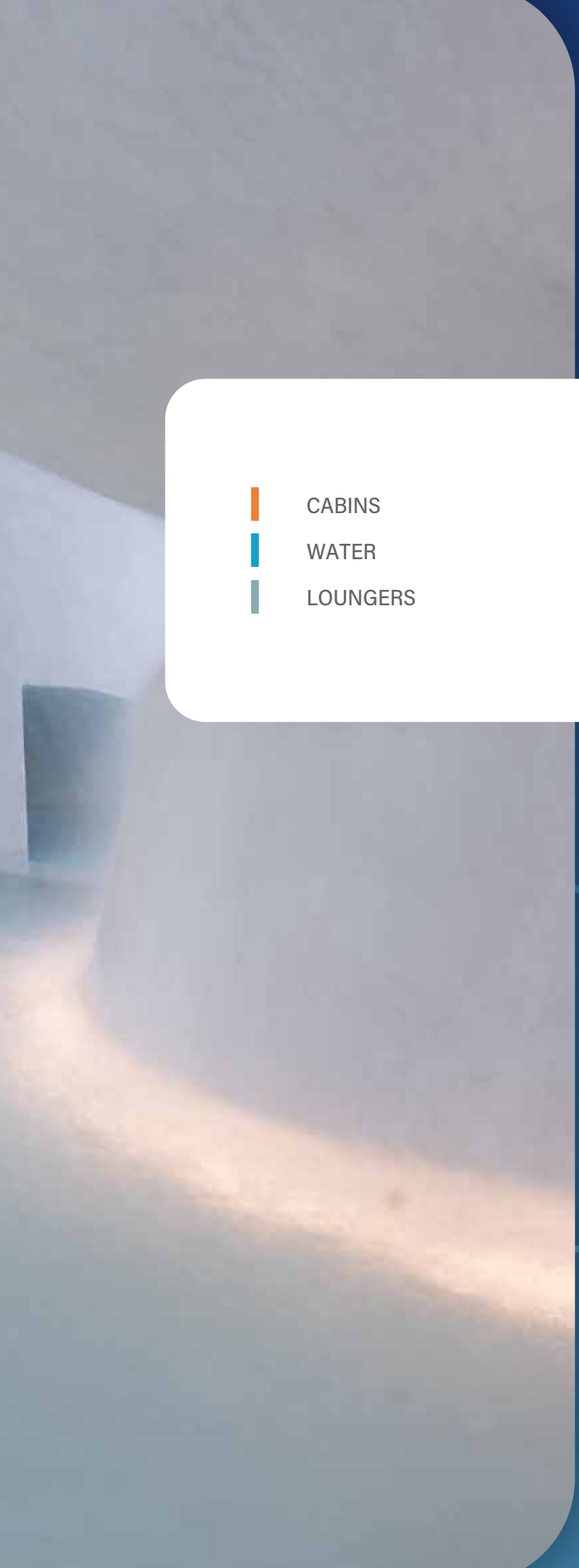
We provide our clients with creative and sustainable solutions that respect the details and quality that goeshand in hand with craftsmanship.

To be born, to grow, and to keep growing.

Explore the well-being catalogue, that provides a full wellness experience, with different areas of activity: **temperature, water, relax and treatment.**

ASTRALPOOL





CABINS	407	
WATER	427	
LOUNGERS	507	

FLUIDRA



WELLNESS AREA

WATER ZONE

- Vitality Pool
- Emotional Shower
- Kneipp Walk
- Rain
- Emotional Tunnel
- SPA

TREATMENT ZONE

- Emotional shower
- Post-treatment shower
- Fixed massage loungers
- Folding massage loungers

PRIVATE ZONE SOLUTIONS

- Modular shower
- Emotional shower
- Private SPA
- Loungers

HOT AREA

- Contrast shower
- Infrared lounger
- Infrared sauna
- Sauna
- Biosauna
- Halotherapy cabin
- Turkish bath

COLD AREA

- Cold shower
- Cold plunge
- Snow cabin
- Ice cabin
- Contrast shower
- Ice fountain

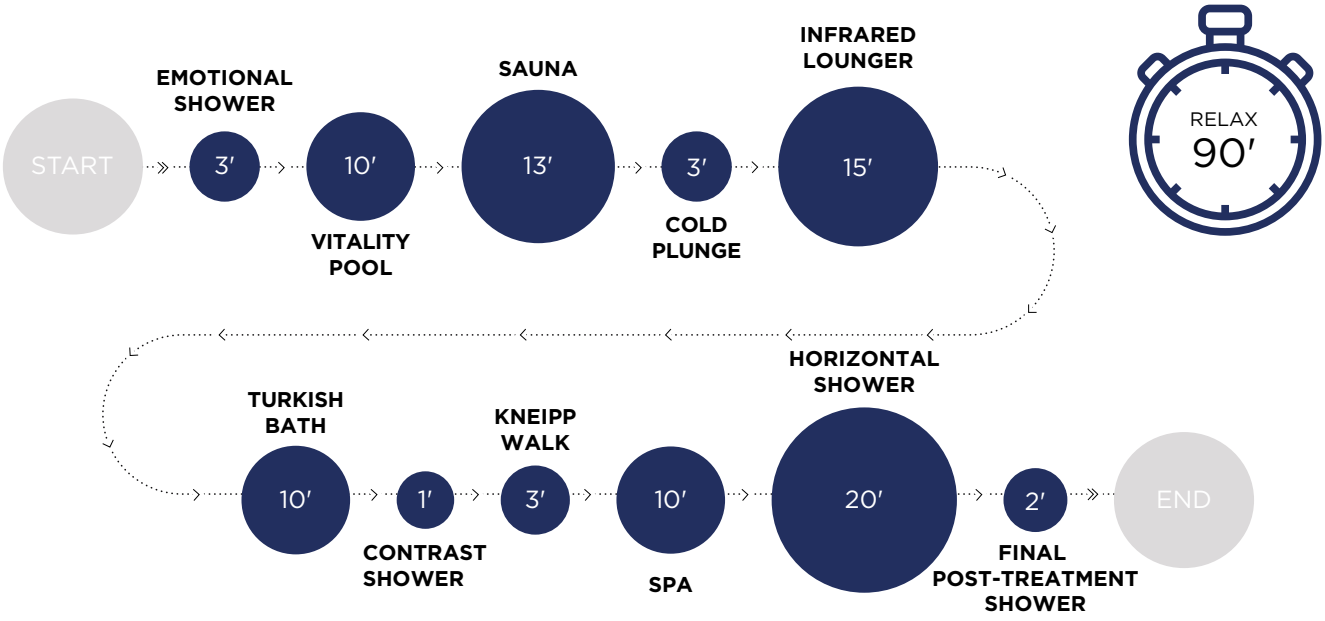
CHANGING ROOMS

- White light shower
- Standard shower

Explore the SPA journey with integrated aquatic experiences

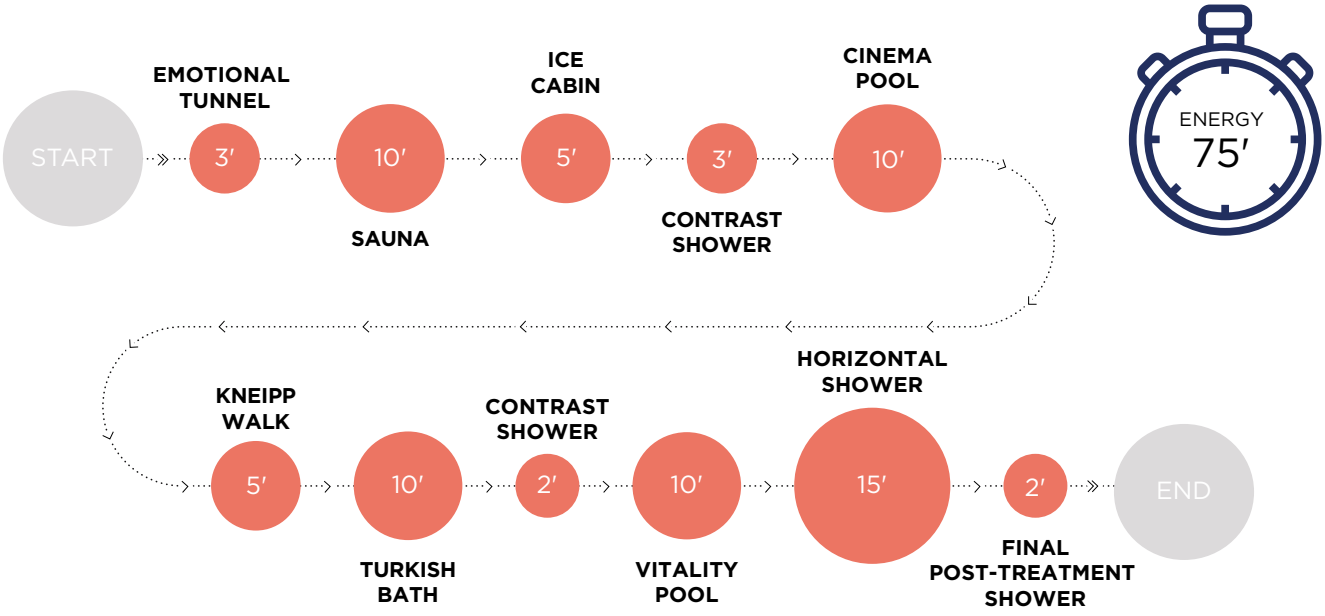
This circuit has been carefully designed to offer a fluid sequence of experiences, with a special focus on water-based treatments that promote deep relaxation and renewal of the body and mind.

Each stage of the circuit blends harmoniously with the previous one, creating a continuous feeling of well-being that accompanies the visitor throughout the experience. The transitions are smooth and gradual, avoiding sudden temperature changes, which promotes a state of sustained calm. In addition, the timing is designed so that each treatment can be enjoyed without rushing, allowing for total disconnection and immersion in tranquillity.



This circuit combines a selection of carefully designed experiences to revitalise body and mind. Dynamic and stimulating aquatic treatments are integrated throughout the circuit to awaken the senses and provide a deep sense of energy and renewal.

The itinerary is designed to maintain an active pace, with strategically applied thermal contrasts to enhance the invigorating effect. Each phase propels the next, generating a cumulative effect that reinforces vitality and leaves the visitor with a feeling of freshness, lightness and total renewal.







CABINS

408 SAUNAS
409 Sauna Configurator
410 Available Sauna models
415 Xenio WiFi Control Unit
415 Salt Diffusion

416 STEAM BATHS
417 Bespoke
418 Control Panel for Steam Cabin

419 EQUIPMENT FOR STEAM BATHS
419 Steam generators
420 Steam kit

421 ICE CABINS
421 Configurable ice cabin

423 ICE FOUNTAIN
423 Ice generator kit
424 Ice container
425 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.



SAUNA CONFIGURATOR

ASTRALPOOL

At Fluidra, we offer the possibility of designing fully customised saunas tailored to the needs of each project.
The configurator allows you to define all the key elements in a simple and structured manner.

1 External dimensions

Length × width × height of the cab.

2 Visible sides

Selection of sides with visible finish: 1-2 or 3

3 Certified wood types

- Spruce (Finland)
- White Pine (Finland)
- Aspen (Estonia)
- Thermo-Aspen (Estonia)
- Alder (Estonia)
- Hemlock (Canada)
- Red Cedar (Canada)
- Hemlock plywood (Italy).

4 Benches

Choice of material:
Abachi (Africa) or
Thermo-Aspen (Estonia).
Levels: 1, 2 or 3.
Design: open or closed.
Location: side, front,
U-shaped or corner.

5 Sauna heater

Selecting the appropriate model and power based on the volume of the cabin.
(See the Harvia configurator: harvia.com > Sauna Calculator).

6 Control panel

Internal (built into the heater) or external model Harvia Xenio.
With or without WiFi connectivity (MyHarvia 2).

7 Lighting

Lamp
White LED strip
RGB LED strip

8 Accessories

Built-in speakers
Aromatherapy system
Stone wall behind the heater
Safety switch
Emergency button
Hydraulic hinges.

Result:
Each combination defines a unique sauna, balancing aesthetics, comfort and technology.
The configurator guides professionals to find the perfect solution for every wellness space.

AVAILABLE SAUNA MODELS

In addition to their spiritual dimension, saunas have been used for medicinal purposes for thousands of years. Our ancestors already recognised their therapeutic benefits, and modern science confirms them.
Their essential element, heat, makes the release of physical and mental tension the main objective of a sauna session.
The sauna is an excellent way to improve blood circulation and the motor system, reduce muscle pain and increase joint mobility. It also benefits the skin, leaving it glowing and healthy. In a modern world full of tension and stress, maintaining a balance between body and mind is essential. The sauna is the answer: it boosts vitality and energy, helping us to stay healthy.

+ More saunas, more health.



ESSENTIA

+ Pure and essential concept; a combination of tradition and modernity for an authentic wellness experience

- 85 mm horizontal Thermo Magnolia/Thermo Aspen panels.
- Tongue-and-groove system, heat resistance up to 150 °C.
- Mineral wool insulation, aluminium moisture barrier.
- Thermo Magnolia/Thermo Aspen floor and grate.
- 8 mm tempered glass front with wooden frame and hydraulic closure.
- Open benches made of the same material, capacity 200 kg/m.
- Warm LED lighting behind the benches.
- Lux heater, touch panel, ventilation, rocks, stainless steel kit (bucket, ladle,
- thermohygrometer).

Model	Code
Essentia	On demand



BELLA

+ Elegant and serene design; balance between natural wood and glass for a timeless wellness experience.

- Construction in vertical 57 mm thick Hemlock plywood panels.
- Tongue and groove system for optimal sealing and thermal resistance up to 150 °C.
- Interior thermal insulation with mineral wool and aluminium moisture barrier.
- Floor structure in impregnated solid wood.
- Floor grate in Thermo Aspen / Thermo Alder wood.
- Fully glazed front in 8 mm transparent tempered glass with
- solid wood frame.
- 8 mm tempered glass door, frameless, with square profile wooden handle.
- Benches made of Thermo Aspen or similar wood with low thermal conductivity; support
- up to 200 kg/m.
- Warm LED lighting (12 V) integrated under the benches.
- Electric heater with variable power depending on size.
- Modern series touch control panel.
- 400 V III + N + earth silicone wiring.
- Natural sauna rocks.
- Integrated air ventilation.
- Wooden accessory kit: bucket with ladle, combined thermo-hygrometer and hourglass.

Model	Code
Bella	On demand

SAUNAS



LOBOS

ASTRALPOOL

+ Nordic lines and precision craftsmanship; pure aesthetics for contemporary spaces.

- 66 mm vertical Hemlock plywood panels.
- Tongue and groove system, heat resistance up to 150 °C.
- Mineral wool insulation and aluminium moisture barrier.
- Solid impregnated wood floor structure.
- Abachi floor grate.
- 8 mm tempered glass front with solid wood frame.
- 8 mm tempered glass door without frame, with square wooden handle.
- Benches in Abachi or similar wood, low thermal conductivity (200 kg/m).
- Warm LED lighting on benches and walls.
- 6 kW heater and touch control panel.
- 400 V III + N + earth wiring, rocks, ventilation, and wooden accessory kit.

Model	Code
Lobos	On demand



HONEY

ASTRALPOOL

+ Warm and cosy atmosphere; perfect fusion of technology and nature

- 57 mm vertical Hemlock plywood panels.
- Tongue and groove system, heat resistance up to 150 °C.
- Thermal insulation with mineral wool and aluminium barrier.
- Structure and floor grid in impregnated solid wood / Thermo Aspen.
- 8 mm tempered glass front with wooden frame.
- 8 mm tempered glass door, frameless, with square wooden handle.
- Thermo Aspen benches, capacity 200 kg/m.
- Warm LED lighting under benches and walls.
- Adjustable heater, touch control panel, 400 V III + N + earth wiring.
- Rocks, ventilation and wooden accessory set included.

Model	Code
Honey	On demand



VALEN

ASTRALPOOL

+ Resistance and renewal; robust and essential sauna for a genuine experience.

- 56 mm vertical Hemlock plywood panels.
- Tongue and groove system, heat resistance up to 150 °C.
- Thermal insulation with mineral wool and aluminium moisture barrier.
- Floor structure and grate in impregnated solid wood/Abachi.
- Full glass front with 8 mm tempered glass and wooden frame.
- 8 mm tempered glass door, frameless, with square wooden handle.
- Ergonomic benches covered with Abachi wall backing, low thermal conductivity
- (200 kg/m).
- Warm 3000 K LED lighting behind backings.
- Standard heater, control panel, rocks, ventilation and accessory kit.
- Option: concealed heater with insulated wall for a clean, professional finish.

Model	Code
Valen	On demand

SAUNAS



SOVANA

ASTRALPOOL

+ Alpine elegance; precision, comfort and distinction in a timeless setting.

- 56 mm vertical Hemlock plywood panels.
- Tongue and groove system, heat resistance up to 150 °C.
- Interior insulation with mineral wool and aluminium moisture barrier.
- Structure and floor grid in impregnated solid wood/Abachi.
- Full glazed front in 8 mm clear tempered glass with wooden frame.
- 8 mm tempered glass door, frameless, with square wooden handle.
- Open benches with wall-mounted backrest in Abachi (capacity 200 kg/m).
- Abachi headrests and warm 3000 K LED lighting behind the backrests.
- Adjustable electric heater, standard control panel, rocks, ventilation and wooden accessory kit.
- Option: concealed heater with separating wall and thermal insulation for a cleaner design.

Model	Code
Sovana	On demand



BORRO

ASTRALPOOL

+ Contemporary balance; warm design that invites natural relaxation.

- Vertical panels in spruce, white pine, Thermo Aspen, Hemlock or Red Cedar, 70 mm.
- Tongue and groove system, thermal resistance up to 150 °C.
- Thermal insulation with mineral wool and aluminium barrier.
- Structure and floor grid in impregnated solid wood / Thermo Aspen.
- Glazed front in 8 mm transparent tempered glass with wooden frame.
- 8 mm tempered glass door, frameless, with square wooden handle with
- magnetic closure.
- Benches covered with wall-mounted backrest in Abachi or similar wood, low thermal conductivity
- (200 kg/m).
- Warm white 12 V LED lighting under benches.
- Xenio control panel, heater according to size, ventilation and set of wooden accessories.
- Option: decorative stone wall behind the heater.

Model	Code
Borro	On demand



MIRAMONTE

ASTRALPOOL

+ Prestige and professionalism; created for exclusive, high-performance wellness spaces.

- 70 mm vertical panels in spruce, white pine, Thermo Aspen, Hemlock or Red Cedar.
- Tongue-and-groove system, heat resistance up to 120 °C.
- Insulation with mineral wool and aluminium moisture barrier.
- Solid impregnated wood floor structure and Abachi grid.
- Full glazed front in 8 mm tempered glass with wooden frame.
- 8 mm tempered glass door, frameless, with square handle with lock.
- Benches covered with Abachi wall backrest, capacity 200 kg/m.
- Abachi headrests, 12 V warm white LED lighting under benches.
- Electric heater with adjustable power, rocks, ventilation, Xenio control and wooden accessories.
- Options: stone wall behind heater, panic button, integrated speakers, concealed heater with thermal separating wall.

Model	Code
Miramonte	On demand

SAUNAS



FIORA

ASTRALPOOL

+ Softness and visual harmony; a sensory refuge of balanced shapes and warm light.

- Horizontal panels in fir, white pine, Thermo Aspen, Hemlock or Red Cedar,
- 70 mm.
- Tongue-and-groove system, thermal resistance up to 150 °C.
- Insulation with mineral wool and aluminium barrier.
- Glazed front in 8 mm tempered glass with wooden frame.
- 8 mm glass door, frameless, with square handle.
- Open benches and backrests in Abachi (200 kg/m).
- Warm 3000 K LED lighting behind the backrests.
- Xenio control panel, wall heater depending on size, rocks, ventilation and accessories.

Model	Code
Fiora	On demand



OUTDOOR

ASTRALPOOL

+ Natural inspiration.

- Spruce wood structure.
- Interior cladding in White Pine/Thermo Aspen, vertical panels 90x15 mm.
- Floor grate and open benches in Abachi, two levels.
- Tempered glass door with wooden frame.
- Warm LED lighting under benches.
- HARVIA Vega heater with external control.
- Rocks, ventilation and wooden accessory kit.
- External shed in Thermo Pine/Thermo Aspen with insulation and waterproof sloping roof.

Model	Code
Outdoor	On demand



SANAMA

ASTRALPOOL

+ Energy and vitality; interplay of light and materials that stimulates body and mind.

- Spruce wood structure with vertical interior panels in White Pine 15 mm / Thermo Aspen 15 mm / Red Cedar 17 mm.
- Floor grid in Abachi / Thermo Aspen.
- Fully glazed front with Abachi wood frame.
- Covered benches on two levels on both sides, with wall-mounted backrest and headrest in Abachi.
- Warm LED lighting (3000 K) integrated under benches.
- Steam generator with halogenerator/heater depending on configuration.
- Backlit decorative salt panels with natural wood frames (optional).
- Integrated ventilation and design intended to create a dynamic and relaxing atmosphere.

Model	Code
Sanama	On demand

SAUNAS



NERA

ASTRALPOOL

+ Characterful architecture; solid, sophisticated design that conveys intensity and inner strength.

- 90 mm horizontal waxed spruce panels.
- Tongue and groove system, heat resistance up to 150 °C.
- Thermal insulation with mineral wool and aluminium barrier.
- Floor and grille in solid waxed wood.
- 8 mm tempered glass front with Abachi frame, cylindrical handle and hydraulic closure.
- Open benches in solid Abachi, low thermal conductivity (200 kg/m).
- Warm LED lighting behind the benches.
- Lux heater, touch control, 400 V III + N + earth wiring.
- Rocks, ventilation and stainless steel set (bucket and ladle, thermo-hygrometer).

Model	Code
Nera	On demand



STANDARD - SELECT

ASTRALPOOL

+ Classic, natural design; balance between tradition and functionality for an authentic wellness experience.

- High-quality spruce wood construction.
- Vertical interior cladding in spruce, pine, Thermo Aspen, Hemlock or Red Cedar.
- Tongue-and-groove system for optimal sealing. Heat resistance up to 150 °C.
- Thermal insulation with mineral wool and aluminium moisture barrier.
- Abachi wood floor grate.
- 8 mm bronze tempered glass door with wooden frame and roller lock mechanism handle.
- Closed benches made of solid Abachi or Thermo Aspen wood, low thermal conductivity and ergonomic backrest on the second level.
- Sauna light with Abachi wood screen.
- Electric heater with variable power depending on dimensions, with Abachi protective grille.
- External control panel.
- 400 V III + N + earth silicone wiring.
- Natural sauna rocks.
- Ventilation system that guarantees at least five air changes per hour.
- Wooden accessory kit: bucket with ladle, combined thermo-hygrometer and hourglass.
- Xenio touch control panel, intuitive and modern in design.
- Warm linear LED lighting (3000 K) integrated under benches for an enveloping atmosphere.
- Options:
  - Concealed heater with partition wall and thermal insulation.
  - SASL1 aromatiser with automatic dosing.
  - Front or full window in tempered glass for a greater feeling of spaciousness.

Model	Code
Standard - Select	On demand



XENIO WIFI CONTROL UNIT

+ Smart control for a perfect sauna experience.

- The Harvia Xenio WiFi control unit combines modern design and connected technology to offer safe and easy sauna control.
- With its elegant touch panel and MyHarvia mobile app, you can control the temperature, lighting, ventilation and steam generator from anywhere, at any time.
- The integrated door sensor ensures safe remote use, while its digital interface reflects Harvia's characteristic precision and reliability.
- Compatible with E-model and Combi heaters, Xenio WiFi transforms traditional wellness into a connected and contemporary experience.

Model	Code
Xenio Wifi	70446

TECHNICAL SPECIFICATIONS	
Compatibility	Harvia E-model and Combi heaters (models from 2020 onwards)
Control functions	Temperature, lighting, ventilation, steam generator, timer
Safety	Door sensor ensuring safe remote start-up
Remote control	Via the MyHarvia mobile app (iOS and Android)
Connectivity	Requires local WiFi network
Installation	The power unit must be placed in a dry room
Interface	Modern digital touch panel
Temperature range	Up to 150 °C
Power supply	400 V III + N + Earth



SALT DIFFUSION

Saline solution dosing system for Finnish saunas or dry-air rooms.

Components:

- Peristaltic pump
- Piston compressor
- Control unit
- Atomising nozzle
- Illuminated push-button
- Includes one 5-litre bottle fitted and a spare.

	Code
Salt Diffuser	73882

TECHNICAL SPECIFICATIONS

Code	Maximum room size (m^2)	Size (mm)	Maximum dose output	Electrical connection	Power consumption
73904	35	580 x 630 x 25	3.3 l/h in continuous operation	230v / 50HZ	400w

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



BESPOKE

ASTRALPOOL

+ 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.

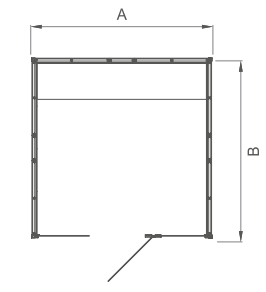
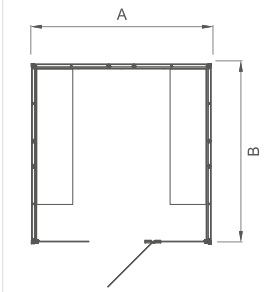
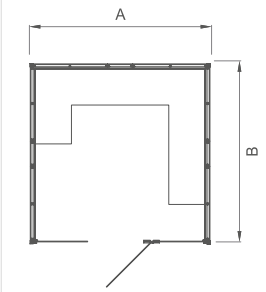
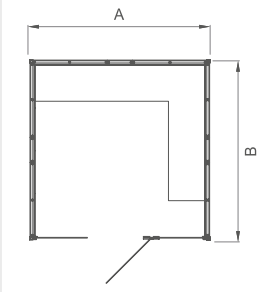
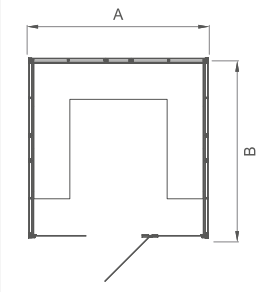
CREATE THE CUSTOMIZABLE CODE

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)

A	B	C	D	E
				

BENCH AND WALL FINISHES (DIGITS 7-8, 9-10)

SR	Unlined
SS	Solid surface
*	Large format porcelain

FRAMING (DIGIT 11)

I	Satin Stainless Steel	
P	Matte Silver	
B	Black paint	

STEAM BATHS

BESPOKE

ASTRALPOOL

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	



CONTROL PANEL FOR STEAM CABIN

ASTRALPOOL

+ Electronic control panel with multi-language navigation for domestic and professional steam rooms.

STEAM BATHS

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

STEAM KIT

- 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.
  - Mater 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 m³	47SET
Steam pack for room 3-8 m³	60SET
Steam pack for room 6-12 m³	90SET
Steam pack for room 10-15 m³	120SET
Steam pack for room 12-20 m³	150SET
Steam pack for room 20-29 m³	220SET
Steam pack for room 20-29 m³	300SET



TECHNICAL FEATURES

Code	Description	Heating (kW)
47SET	Steam pack for room 2-5 m³	4.5 kW 230 / 400V 3~
60SET	Steam pack for room 3-8 m³	5.7 kW 230 / 400V 3~
90SET	Steam pack for room 6-12 m³	9 kW 230 / 400V 3~
120SET	Steam pack for room 10-15 m³	10.8 kW 230 / 400V 3~
150SET	Steam pack for room 12-20 m³	15 kW 230 / 400V 3~
220SET	Steam pack for room 20-29 m³	22 kW 230 / 400V 3~
300SET	Steam pack for room 20-29 m³	30 kW 230 / 400V 3~

ICE CABINS



CONFIGURABLE ice cabin

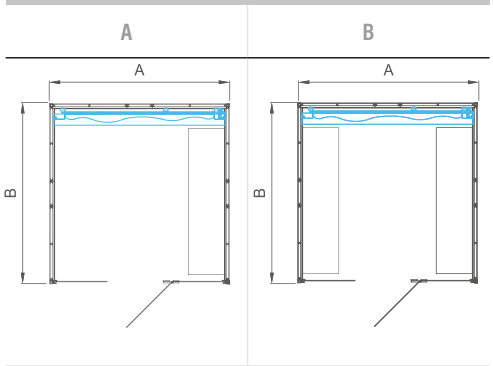
ASTRALPOOL

+ 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.

BENCH SETTINGS (DIGIT 6)



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

ICE CABINS

CONFIGURABLE ice cabin

ASTRALPOOL

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 GENERATOR KIT

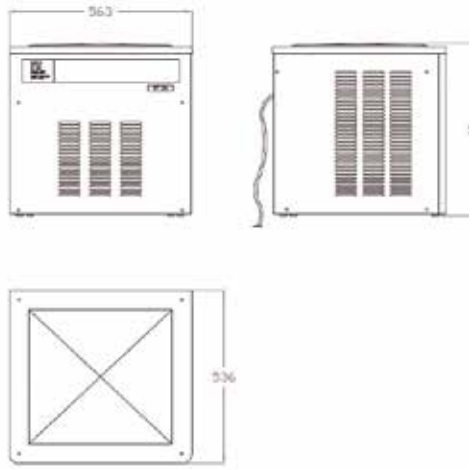
+ AstralPool's ice maker kit is a robust and efficient piece of equipment that includes everything you need to quickly install and run the equipment, from the ice crusher to the stainless steel dispenser.

- Available in two versions: Installation with ceiling dispenser and installation with wall dispenser.
- Available with water or air cooled condenser ice maker machine.

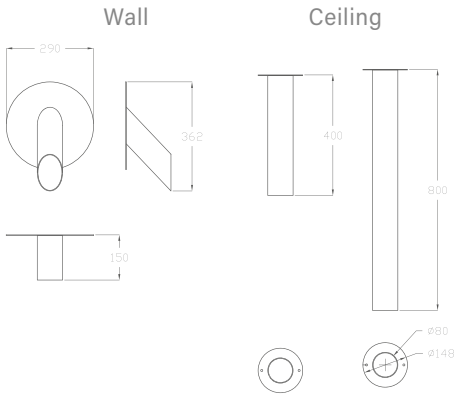
Ice maker Kit (water-cooled condenser ice machine)	Code
Ceiling dispenser in stainless steel	73892
Ceiling dispenser in matte black	73894
Wall dispenser in stainless steel	73893
Wall dispenser in matte black	73895

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.

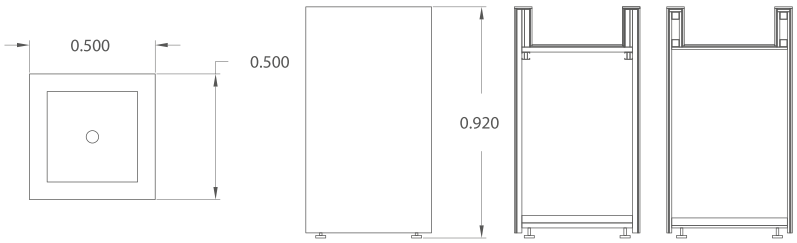
Porcelain Ice Container

- 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

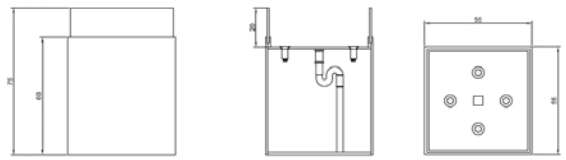


Solid surface Ice Container

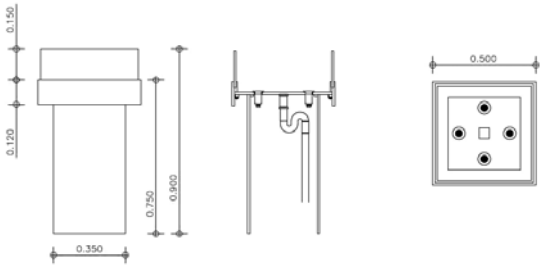
- Cube container for the accumulation of the produced ice, made of solid surface and laminated glass with RGB lighting..

	Code
Solid surface Ice Container	
Ice cub 1	77164
Ice cub 2	On request

SOLID SURFACE ICE CONTAINER



Ice cub 1



Ice cub 2

ICE FOUNTAIN



SNOWPRO

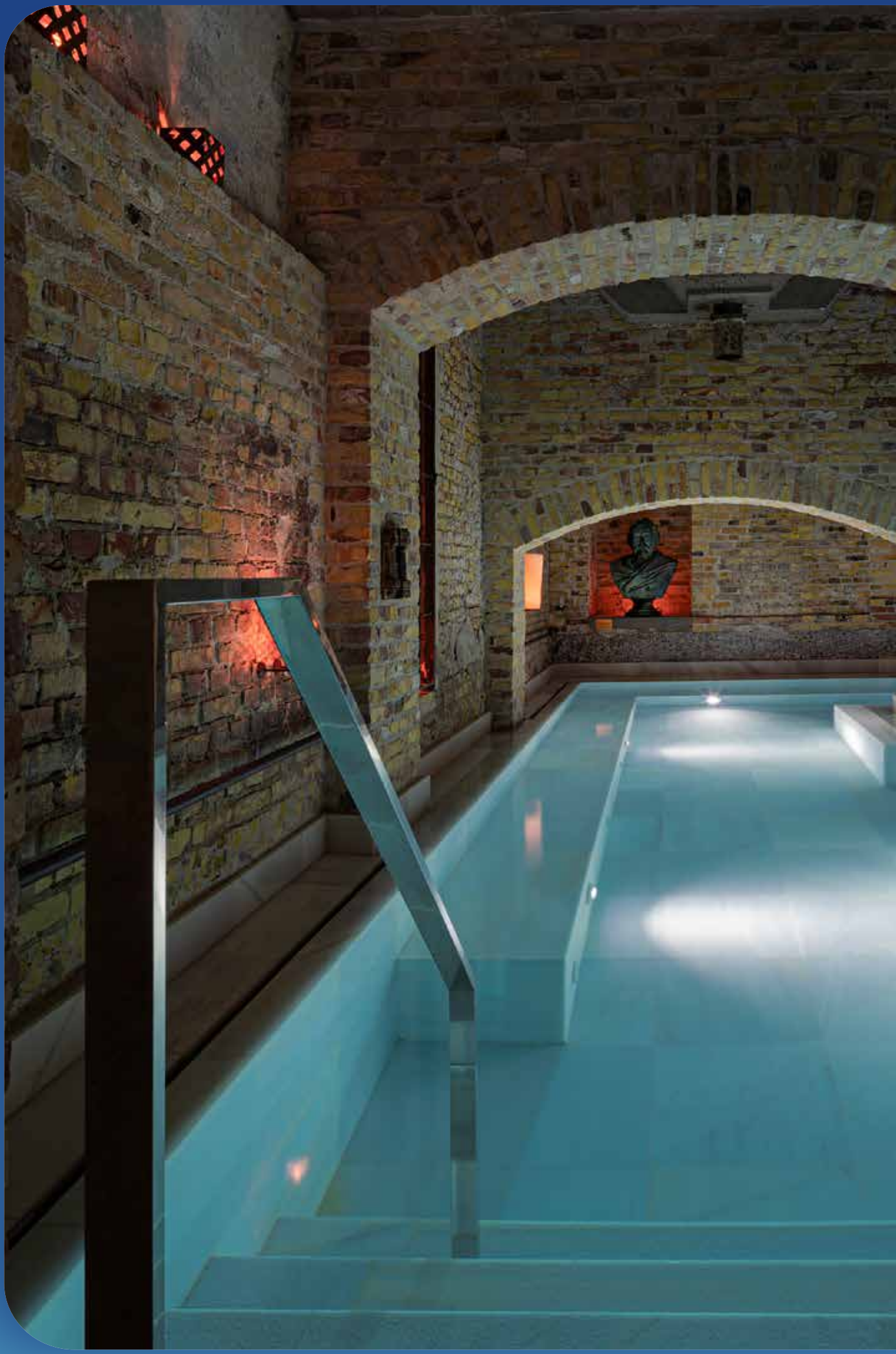
ASTRALPOOL

+ 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 45ºC.
+ 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
GENERAL					
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
SNOW					
Quality	Natural	Natural	Natural	Natural	Natural
Weight	appx 140 kg/m³	appx 140 kg/m³	appx 140 kg/m³	appx 140 kg/m³	appx 140 kg/m³
Flow	appx 0.7 m³ / d	appx 1.2 m³ / d	appx 2.3 m³ / d	appx 3.4 m³ / d	appx 4.6 m³ / d
TEMPERATURE					
Snow coverage	max. +45°C	max. +45°C	max. +45°C	max. +45°C	max. +45°C
Installation space	max. +35°C	max. +35°C	max. +35°C	max. +35°C	max. +35°C
OPTIONAL					
Snow / LED Lighting	✓	✓	✓	✓	✓
Snow height sensor	✓	✓	✓	✓	✓
Auto on / off	✓	✓	✓	✓	✓





WATER

1. SHOWERS

428 WATER AREA
429 Emotional shower
432 Emotional tunnel
434 Kneipp Walk
435 Rain

436 HOT AREA
436 Contrast shower

436 COLD AREA
436 Bucket shower
436 Contrast shower
437 Vita Cold

438 TREATMENT AREA
438 Aquamotus
439 Zenit
440 Nadir

441 CHANGING ROOM AREA
441 Shower with white light
442 Standard shower

2. MINI COLD CONTRAST POOLS

444 One
444 Two
446 Pro Chill
447 Pro Ice

3. SPAS

449 Stainless steel
453 Acrylic
459 Kits
460 Accessories

4. HYDRO-LEISURE ELEMENTS

462 HYDRO-LEISURE ELEMENTS
462 Waterfalls & Cannons
471 Hydromassage
486 Splash park
504 Pool bike

SHOWERS

WATER AREA

+ 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.

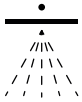


SHOWERS

EMOTIONAL SHOWER

Sensory showers and tunnels combine water, light and temperature effects, all programmed. Ideal for designs that include water and sensory atmospheres created using lights, sounds and aromas.

TYPES OF JETS

	RAIN Delicate on the skin, the rain jet tickles it causing a pleasant, stimulating and relaxing sensation.		NEBULIZED The nebulized jet slips in the environment, wrapping the body in a cosy and regenerating cloud of water.		TROPICAL A constant and powerful jet, with an embracing and revitalizing effect, massaging the body and recharging its energy.
	WATERFALL The powerful gesture of the waterfall absorbs us and, through the skin contact, communicates its energizing force to the whole body.		AERATED Water and air mix and enhance each other, massaging the body and inducing creativity and dynamism.		ATOMIZED By reducing the water into tiny particles, the atomized jet gives a refreshing and relaxing feeling of wellbeing.
	TROPICAL AERATED The mix between tropical and aerated jets creates the effect of a dense rain which, descending, relieves and reduces muscular tension.		LED + NEBULIZED A mixture of different therapies and effects, the LED light optimizes and enriches the regenerating effects of nebulization.		LED + ATOMIZED The fusion of water particles and LED light heat enhances and intensifies the delicate touch of the atomized jet.
	LAMA 180-degree axial misting jet to have a target on a specific body part.		TURBINE Energizing jet enhanced by a turbine to have a powerful and intense effect.		

ACCESSORIES

All accesories and optionals must to be defined and requested when ordered.

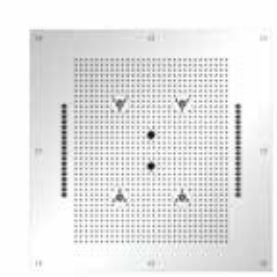
			
Audio	Water aromatheraphy Essences: Mint/ Tropical/ Citrus/ Eucalyptus	Air aromatheraphy	Inverted path

CONTROLS

		
MANUAL Control (on/off) each shower jets through the keypad (as many buttons as types of jets).	SEQUENCE Activate the pre-programmed sequence of the different shower jets pressing only one button.	MULTI SEQUENCE Activate the programmed sequence you want depending on your needs. Scheduled sequences: RELAX / BALANCE / SPORT / ENERGY

SHOWERS: WATER AREA

EMOTIONAL SHOWER



RGBW Lighting

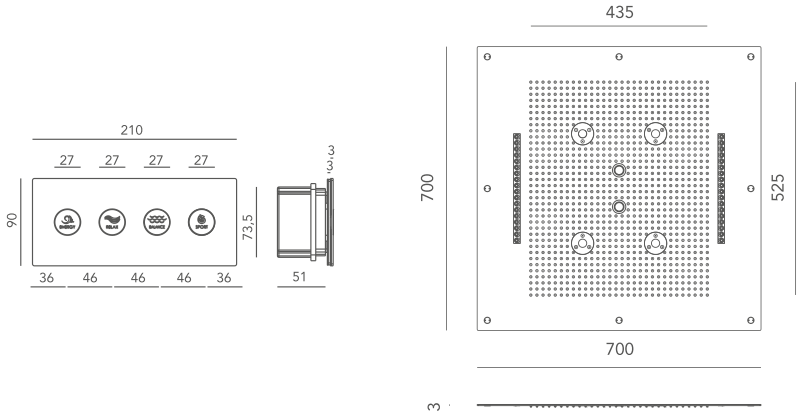
SENSE PRO

- Square shower head for recessed installation 700x700 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 electroniccontrol to manage 4 pre-configured programs: Relax, Energy, Balance, Sport. 12V load transformer.
- Materials: stainless steel plate with ultra-mirror finish, liquid silicone anti-lime membrane.
- Ceiling depth: 150 mm.
- Water supply 1/2" (inch).

	Code
Sense Pro	AF-FL001-25

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL001-25	SENSE PRO	RGBW		70 x 70	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.

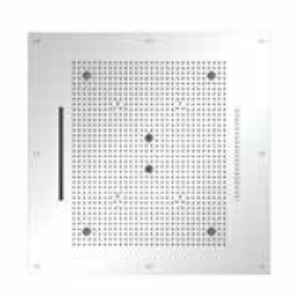
ENERGY PROGRAM SENSUS
The "Energy" program is designed to invigorate and awaken by using dynamic jets and alternating temperatures to tone muscles and skin. Ideal for morning or after a spa day, it reactivates the brain and stimulates the senses. Chromotherapy incorporates warm and cool colors for a 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.

SHOWERS: WATER AREA

EMOTIONAL SHOWER



RGBW Lighting

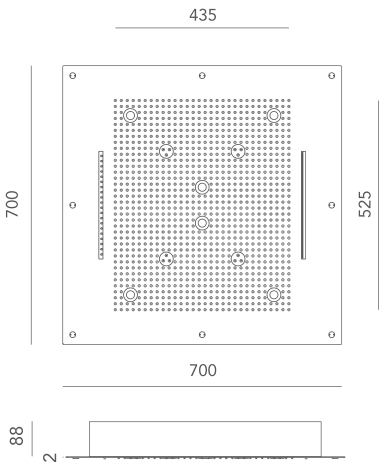
AQUA SENSE

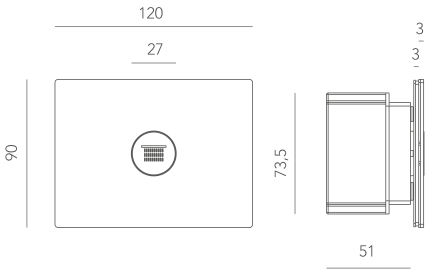
- Square ceiling-mounted shower head 700 x 700 mm. 4 water patterns: 1 rain jet,
- 4 mist jets, 1 tropical jet and 1 waterfall jet.
- Includes 6 LED spotlights with chromotherapy.
- Super mirror stainless steel plate, liquid silicone anti-limescale membrane.
- Ceiling depth: 150 mm.
- Water supply: 1/2" inch
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with fixing system.

	Code
Aqua Sense Shower	AF-FL002-25

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL002-25	Aqua Sense	RGBW		70 x 70	Sequence (1 button)	





Control

SHOWERS: WATER AREA

EMOTIONAL TUNNEL

AQUA TUNNEL

- 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.

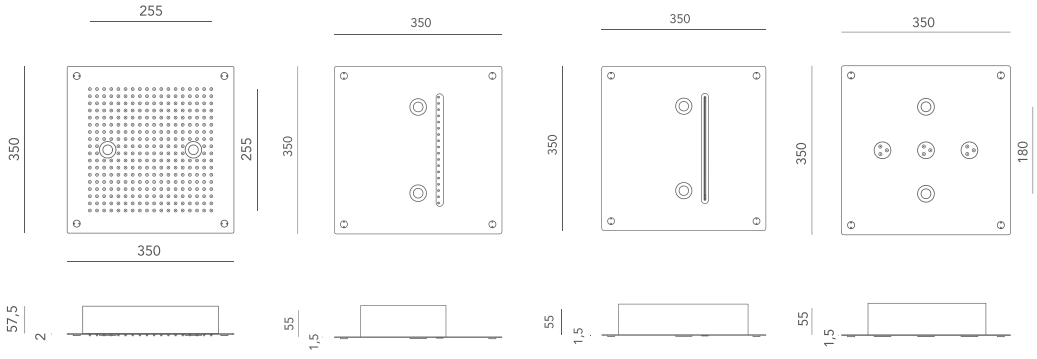
	Code
Aqua Tunnel	AF-FL033-25



RGBW Lighting

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL033-25	AQUA	RGBW		35 x 35	1 button (sequence)	

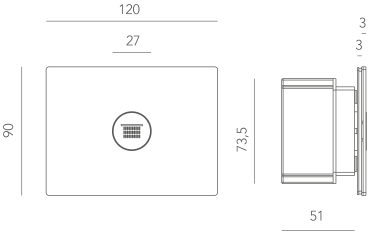


1 rain jet with 2 LED lights with chromotherapy included.

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)

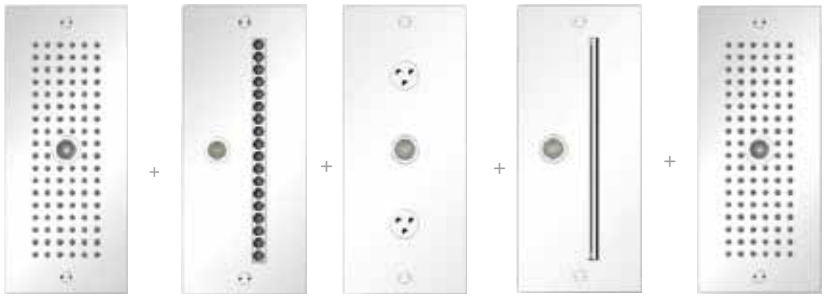
SHOWERS: WATER AREA

EMOTIONAL TUNNEL

INFINITY TUNNEL

- 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.

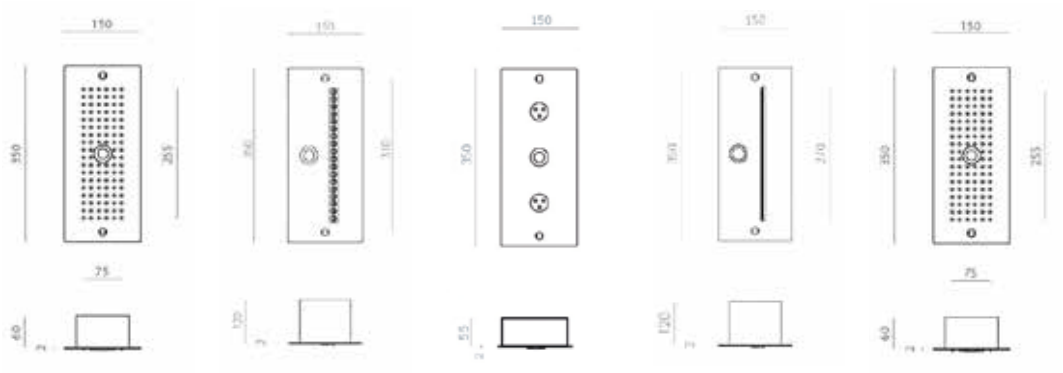
	Code
Infinity Tunnel	AF-FL034-25



RGBW Lighting

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL034-25	INFINITY	RGBW		5 x 35	1 button (sequence)	



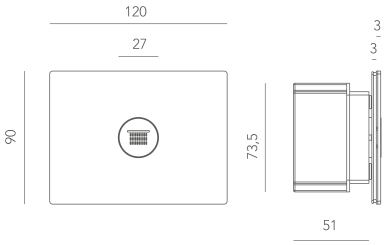
1 rain jet + 1 LED light with chromotherapy

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)

SHOWERS: WATER AREA

KNEIPP WALK



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

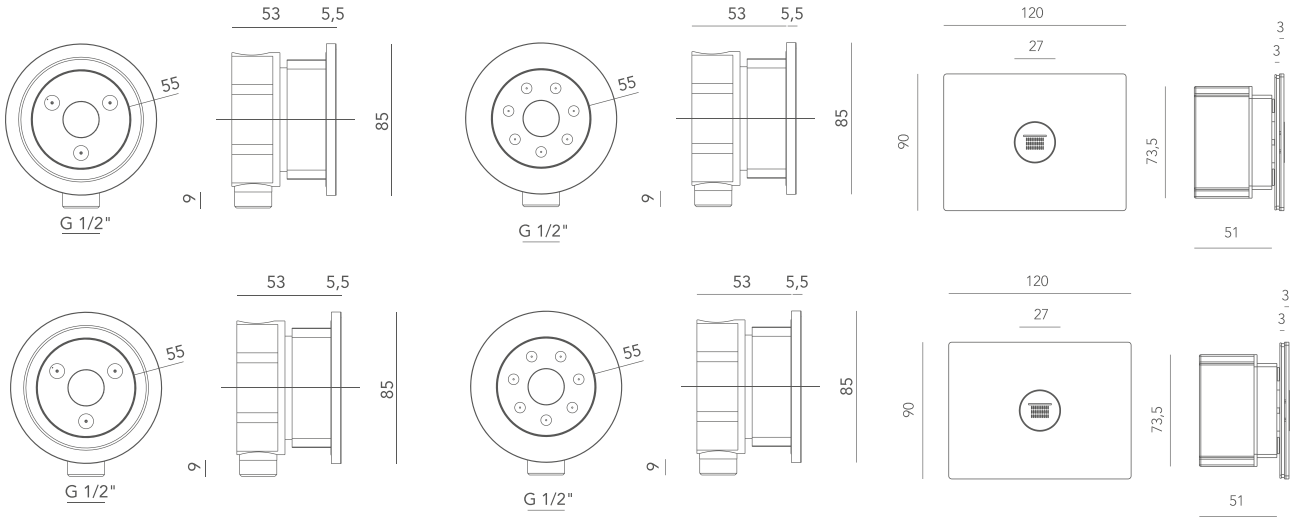
5 METERS KNEIPP

- 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		





RAIN ROOM

Create your perfect RAIN ROOM: experience the thrill of a tropical storm with rain, sound and lights for an immersive and unforgettable spa experience.
The RAIN ROOM is an innovative creation within the spa, characterised by the use of modular rain jets that can be placed throughout the entire room. This distinctive element brings a striking effect to the space, offering a refreshing and enveloping experience for users.
The RAIN ROOM's dynamic programme is designed to generate a sense of surprise and enjoyment, while a specific scenario activates a multitude of delicate water droplets, transforming the environment into a fascinating world of simulated rain.

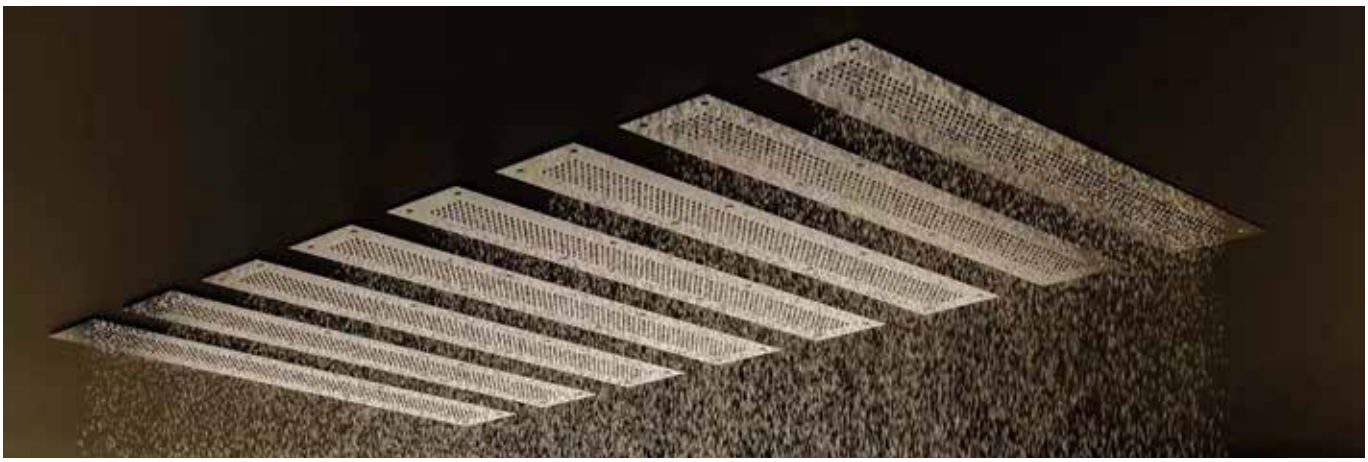
	Code
Rain 4	On demand
Rain 6	On demand
Rain 8	On demand





TECHNICAL FEATURES

Model	RAIN 4	RAIN 6	RAIN 8
Code	On demand	On demand	On demand
Shower type	Multisensory Rain Room	Multisensory Rain Room	Multisensory Rain Room
Num. of shower heads	4 shower heads built into ceiling (1180x190 mm)	6 shower heads built into ceiling (1180x190 mm)	8 shower heads built into ceiling (1180x190 mm)
Jets / Spray type	Rain x4	Rain x6	Rain x8
Control	Keypad with 2 super mirror stainless steel buttons	Keypad with 2 super mirror stainless steel buttons	Keypad with 2 super mirror stainless steel buttons
Control unit	230 V – 100 W Water supply ¾" M Pre-wired control panel with display and manual thermostat	230 V – 100 W Water supply ¾" M Pre-wired control panel with display and manual thermostat	230 V – 100 W Water supply ¾" M Pre-wired control panel with display and manual thermostat
Working pressure	1.5 – 5 bar (optimum 3 bar)	1.5 – 5 bar (optimum 3 bar)	1.5 – 5 bar (optimum 3 bar)
Recessed depth ceiling	150 mm	150 mm	150 mm
Options / Extras	Aromatherapy with integrated pumps (mint and citrus) • Audio with micro SD • 2 integrated transducers	Aromatherapy (mint and citrus) • Audio with micro SD • 4 integrated transducers	Aromatherapy (mint and citrus) • Audio with micro SD • 4 integrated transducers
Dimensions technical unit	360 × 590 × 149,5 mm	360 × 590 × 149,5 mm	360 × 590 × 149,5 mm
Added value / Experience	Relaxing, natural 'fine rain' sensory experience	Greater water coverage – immersive experience	Total 'waterfall' coverage with complete multisensory immersion



SHOWERS

HOT AREA

CONTRAST SHOWER

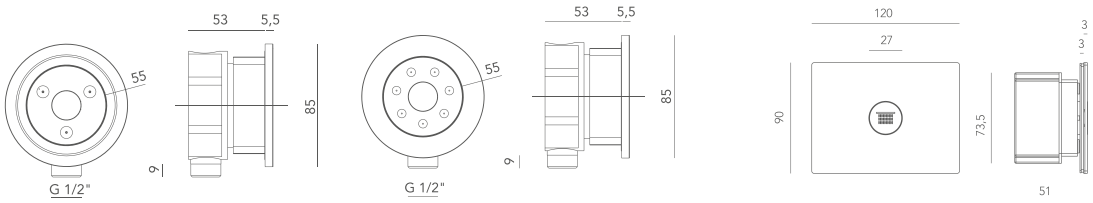


- 3 + 3 Bodyjet recessed body in chrome-plated brass with sequential control with mist jet and atomiser jet. Includes RGBW LED for chromotherapy and temperature control.
- 1/2" water connection • 350mA absorption

	Code
Contrast Shower	AF-FL038

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL038	Contrast shower	RGBW		Ø 8.5	2 push buttons	



SHOWERS

COLD AREA

BUCKET SHOWER



- 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

CONTRAST SHOWER

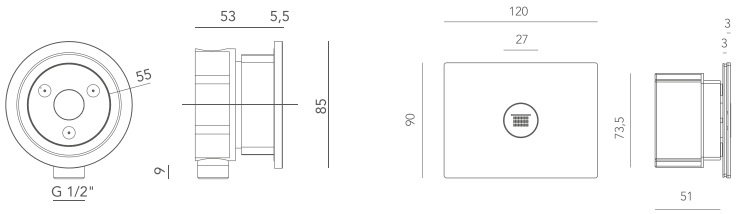


- 3 Bodyjet jets encased in chrome-plated brass with sequential control and mist jet. Includes RGBW LED for chromotherapy and temperature control.
- 1/2" water connection
- 350mA absorption

	Code
Contrast Shower	AF-FL037

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL037	Contrast shower	RGBW		Ø 8.5	1 push button	



SHOWERS

COLD AREA

VITA COLD



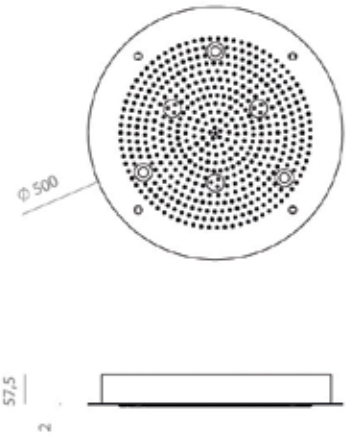
RGBW Lighting

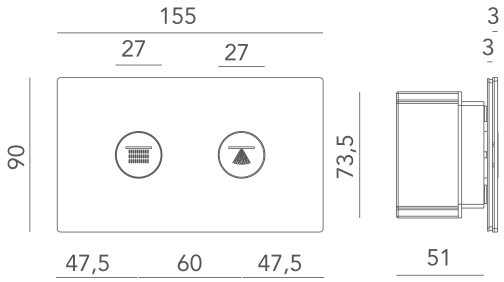
- Round ceiling-mounted shower head Ø500 mm. 2 water patterns: 1 rain jet and 2 mist jets.
- Includes 4 LED spotlights with chromotherapy.
- Super mirror stainless steel plate, liquid silicone anti-scale membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" inch
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with fixing system.

	Code
Vita Cold Shower	AF-FL014

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL014	VITA	RGBW		Ø 50	Manual (2 buttons)	





Control



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.

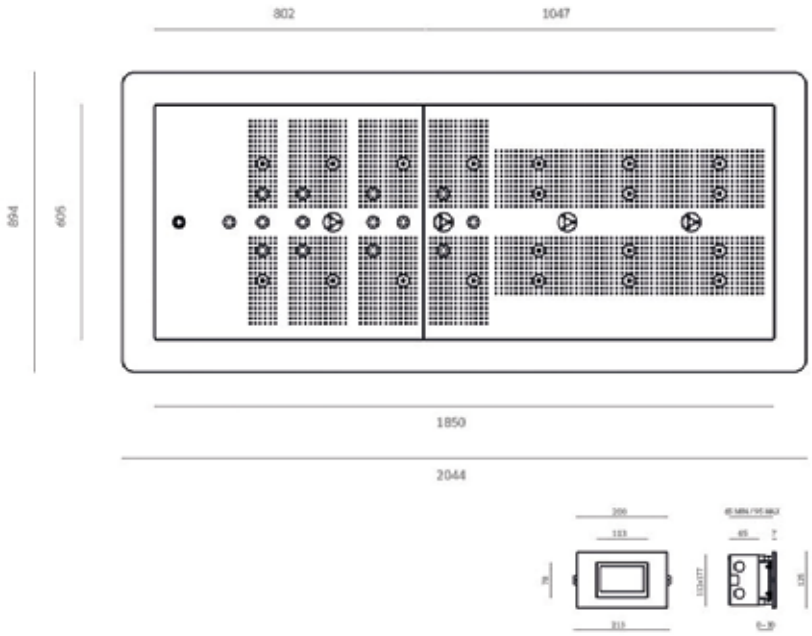
Optionals:

- 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	



SHOWERS

TREATMENT AREA



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°

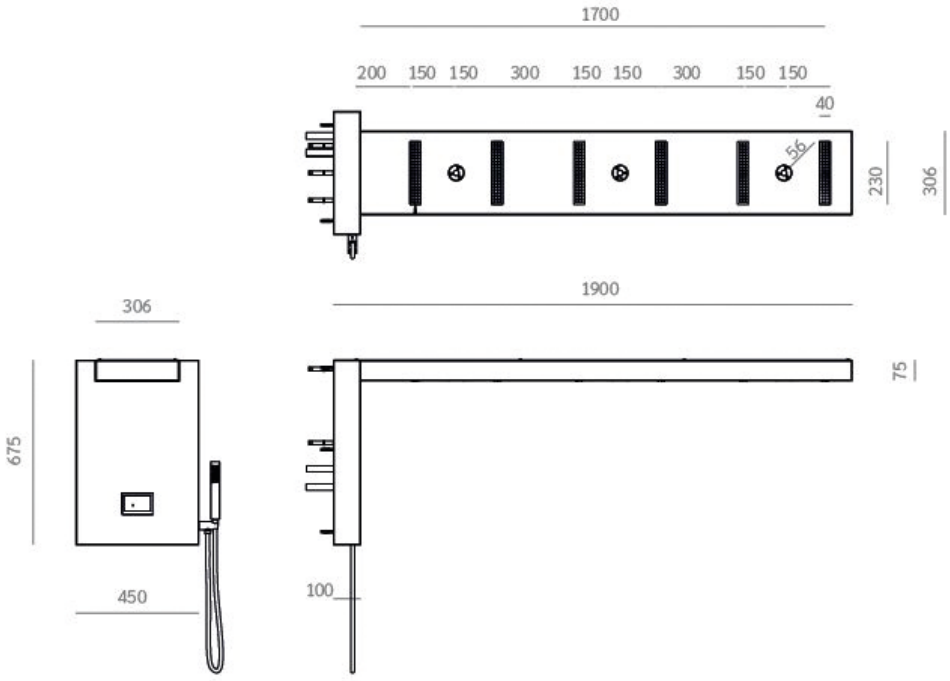
Electrical characteristics:

- 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

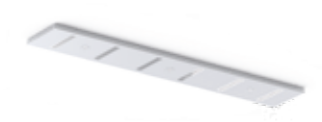
TECHNICAL FEATURES

Code	Description	Lighting	Jets
AF-FL045	Zenit	RGBW	



SHOWERS

TREATMENT AREA



NADIR by aquaform

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:

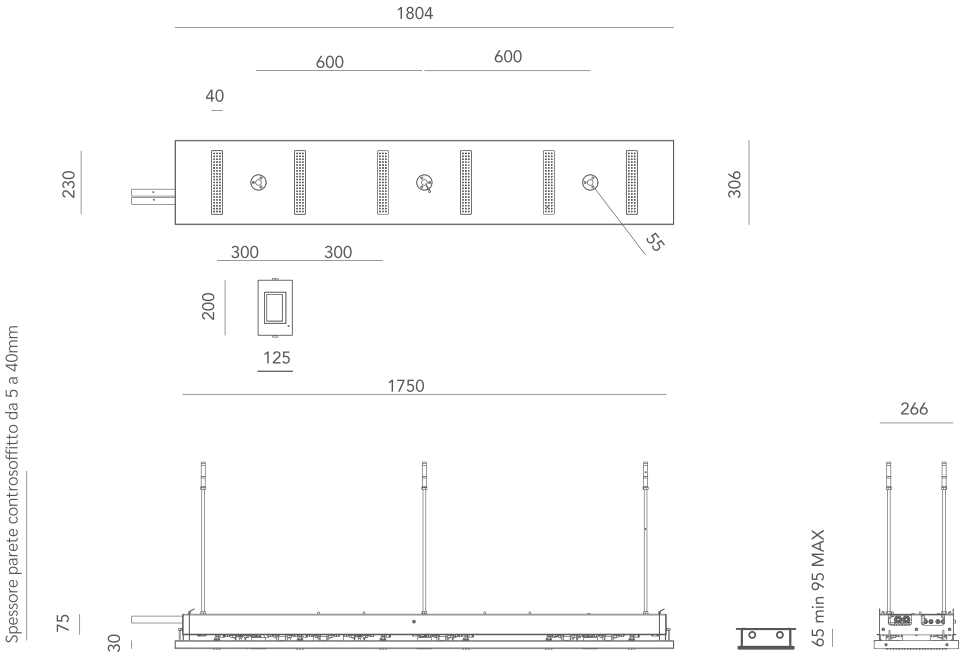
- Electrical supply 100-240V - 50 ÷ 60Hz
- 12V operation control panel.
- Maximum absorption 100W
- We suggest installing a dedicated RCCB.
- RGB system with 3 lights.

	Code
Nadir	AF-FL036

TECHNICAL FEATURES

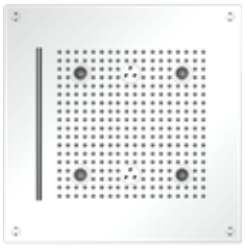
Code	Description	Lighting	Jets
AF-FL036	Nadir	RGBW	





SHOWERS: CHANGING ROOM AREA

SHOWER WITH WHITE LIGHT



Infinity White
White Lighting

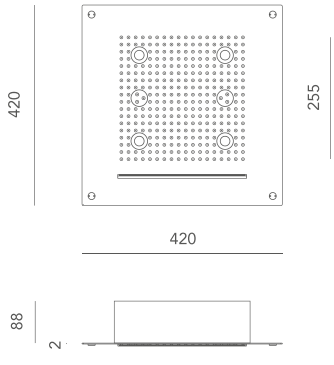
INFINITY SEQUENCE WHITE - INFINITY WHITE

- 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.

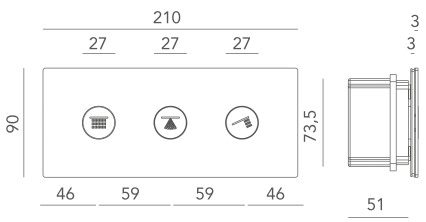
	Code
Infinity Sequence White	AF-FL009-25
Infinity White	AF-FL012-25

TECHNICAL FEATURES

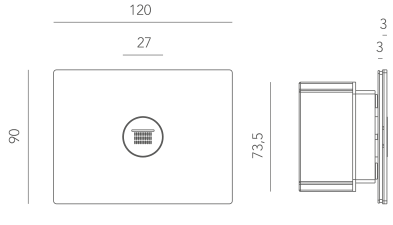
Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL009-25	Infinity Sequence White	White		42 x 42	Sequence (1 button)	
AF-FL012-25	Infinity White	White		42 x 42	Manual (3 buttons)	



Infinity Sequence White / Infinity White



Control: Infinity White



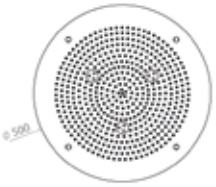
Control: Infinity Sequence White

SHOWERS: CHANGING ROOM AREA

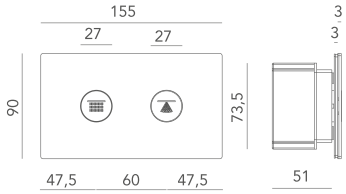
STANDARD SHOWER



No Lighting







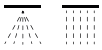
Control: Vita nude

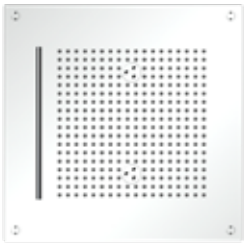
VITA NUDE

- Round ceiling-mounted shower head Ø500 mm. 2 water patterns: 1 rain jet and 2 mist jets.
- Super mirror stainless steel plate, liquid silicone anti-scale membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" inch
- Operating pressure: 1.5/5 bar.
- Recommended pressure: 3 bar.
- Complete kit with fixing system.
- Available options (must be specified when ordering, as it will not be possible to add them later):
  - Audio.
  - Water Aromatherapy.
  - Air Aromatherapy.

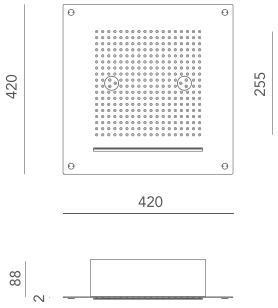
	Code
Vita Nude	AF-FL016

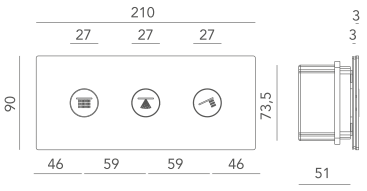
TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL016	Vita Nude	-		Ø 50	Manual (2 buttons)	



No Lighting





Control

INFINITY NUDE

- 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 Nude	AF-FL013-25

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL013-25	Infinity Nude	-		42 x 42	Manual (3 botones)	

MINI COLD 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.

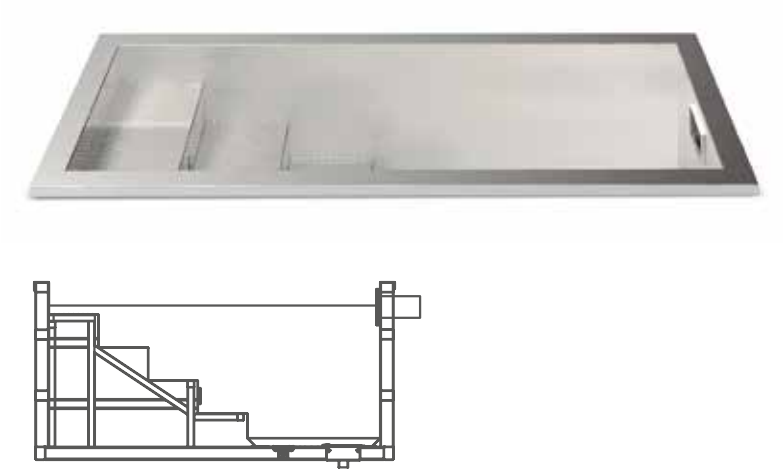


MINI COLD CONTRAST POOLS

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

ASTRALPOOL



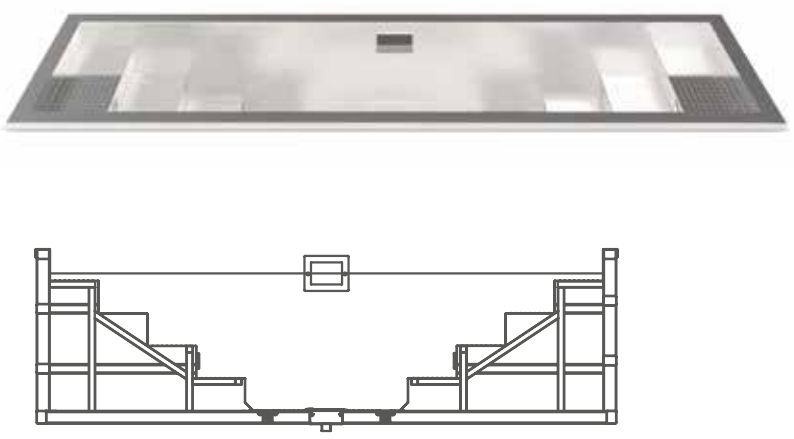
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	218 x 098 x 108

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

ASTRALPOOL

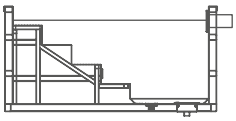
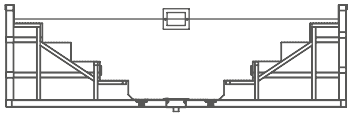


TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	358 x 098 x 108

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 COLD CONTRAST POOLS

MODELS	 Cold Plunge One	 Cold Plunge Two
	71482	71483
GENERAL SPECIFICATIONS		
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^3	1.33 m^3
Empty weight / Full weight	300 / 1200 kg	400 / 1730 kg
CHARACTERISTICS		
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
OPTIONS (NOT INCLUDED)		
Stainless steel Overflow grill	No	No
Wood Overflow grill	No	No
Cover	No	No
RECOMMENDED EXT. EQUIPMENT		
Compact filtration kit	No	No
Balance tank	No	No







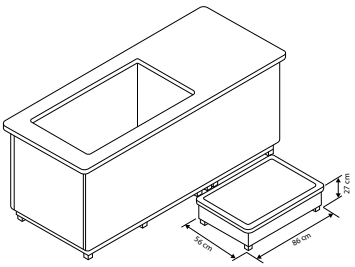
MINI COLD CONTRAST POOLS

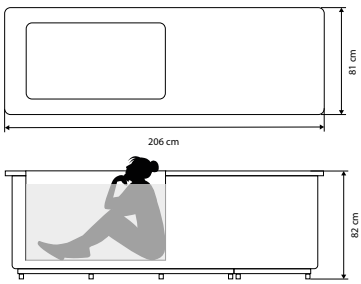
PRO CHILL

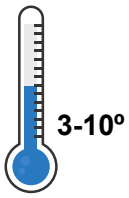
Designed for gyms, physiotherapy clinics and wellness areas seeking to offer elite recovery with maximum ease of installation and maintenance.

- Temperature range: 3–10°C, with rapid and stable cooling
- Up to 75 users per day
- 4-stage filtration system (pre-filter, cartridge, UV and skimmer) for maximum water clarity and safety
- Automatic dosing and analysis (ORP and pH) with automatic adjustment to desired parameters
- Interior LED lighting for an immersive and soothing experience
- Easy plug&play installation

	Code
Pro Chill	On demand







TECHNICAL SPECIFICATIONS	
Dimensions in cm (± 1cm)	218 x 098 x 108
Empty weight (Kg)	446
Full weight (Kg)	886
Temperature range	3–10°C
Daily capacity	75 users
Filtration	4-stage with UV
Automatic dosing	ORP + pH
Lighting	internal LED
Ice system	-

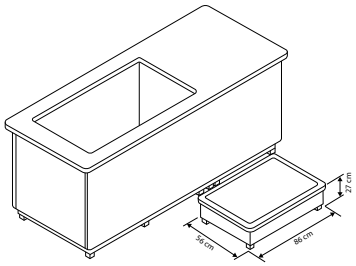


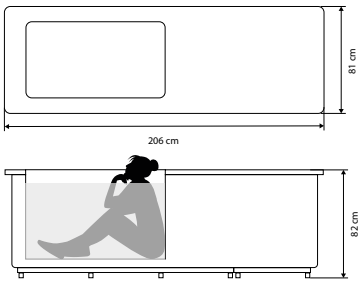
MINI COLD CONTRAST POOLS

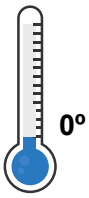
PRO ICE

Designed for athletes and centres seeking extreme performance and total recovery.

- Minimum temperature: 0°C thanks to dual ice generation panels
- Up to 50 users per day
- Automatic filtration and dosing system identical to that of the Pro Chill
- Interior LED lighting for concentration and well-being
- Simple installation and minimal maintenance

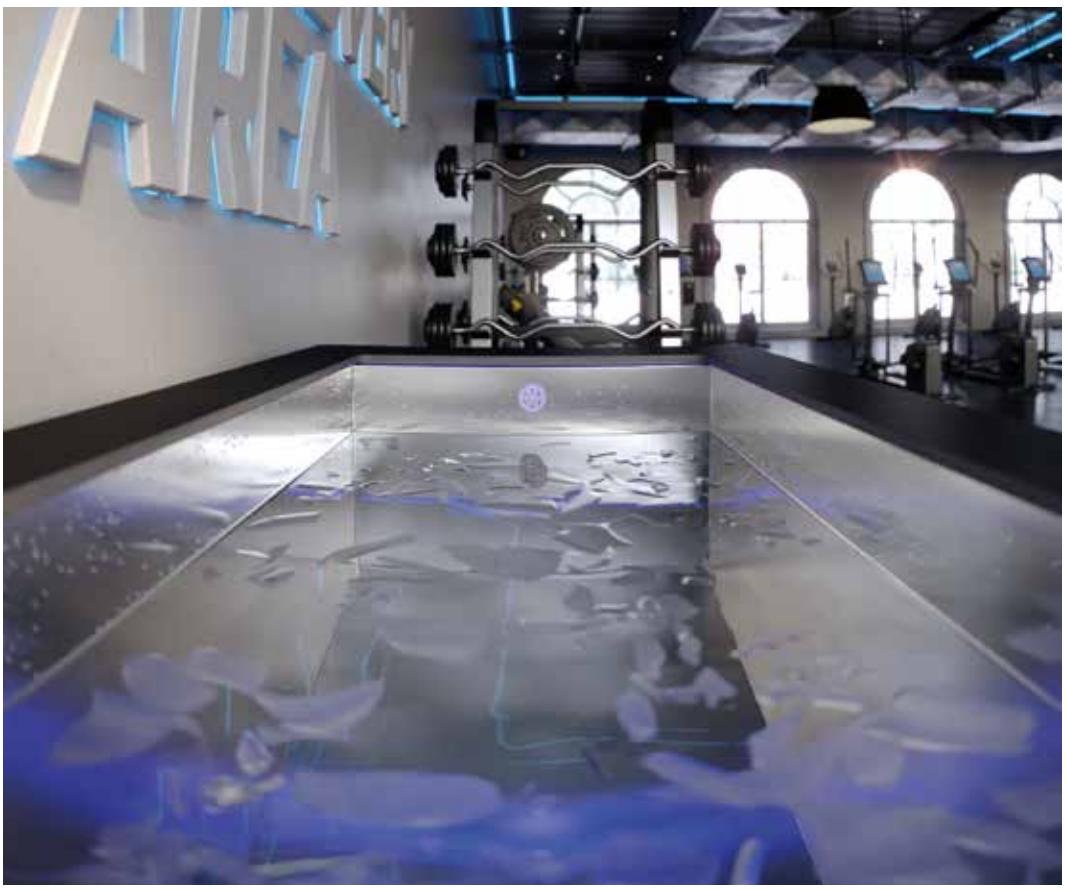






	Code
Pro Ice	On demand

TECHNICAL SPECIFICATIONS	
Dimensions in cm (± 1cm)	218 x 098 x 108
Empty weight (Kg)	446
Full weight (Kg)	886
Temperature range	0–10°C with ice
Daily capacity	50 users
Filtration	4-stage with UV
Automatic dosing	ORP + pH
Lighting	Interior LED
Ice system	Double ice panel



SPAS

+ 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.



SPAS

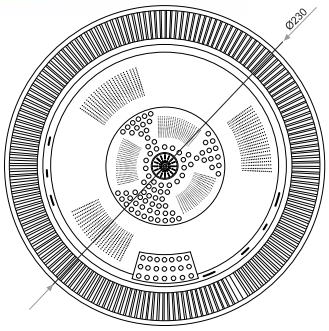
STAINLESS STEEL

VULCANO

ASTRALPOOL







TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	Ø 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 separatly.

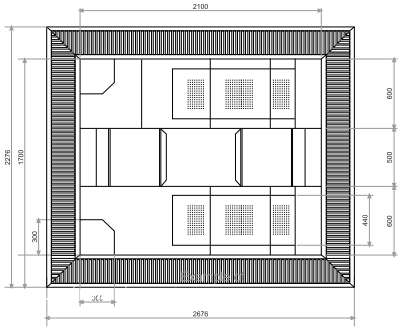
	Code
VULCANO circular stainless steel SPA + Spotligh	71469

MERCURIO

ASTRALPOOL







TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	268 x 230 x 90
Positions (Seats / Loungers)	4 (2 / 2)
Jets + nozzles	12 + 29
Recommended compact kit	Kit 75 - Code 05135

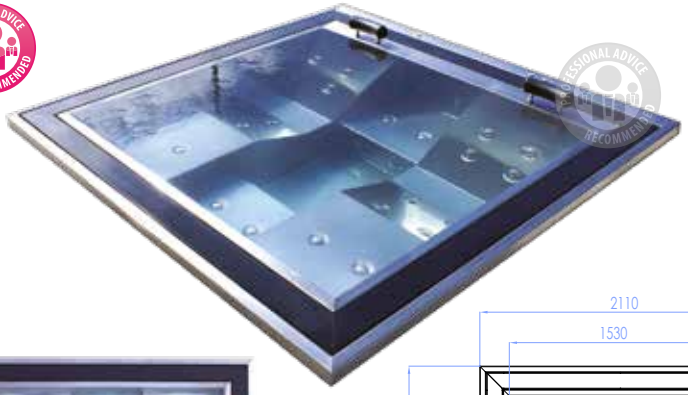
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
MERCURIO Rectangular Stainless steel SPA + Spotlight	71470

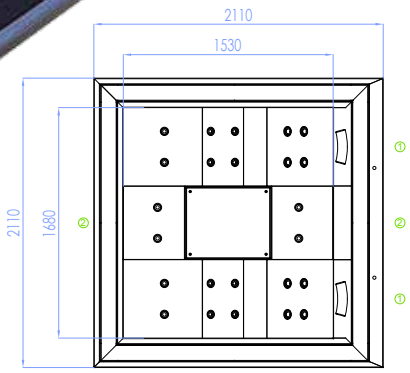
STAINLESS STEEL

VENUS

ASTRALPOOL







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

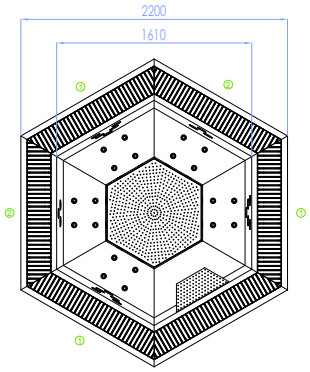
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
VENUS Rectangular Stainless steel SPA + Spotlight	46027

NEPTUNO

ASTRALPOOL





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 separatly.

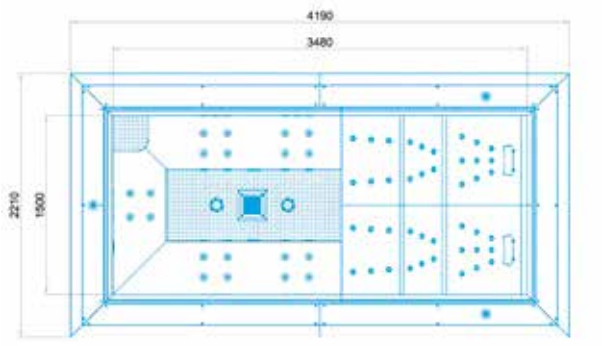
	Code
NEPTUNO Design Stainless steel SPA + Spotlight	71473

SPAS

STAINLESS STEEL

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 separatly.

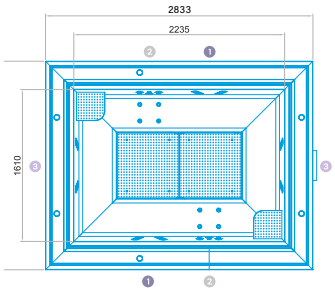
	Code
ZEUS Rectangular Stainless steel SPA + Spotlight	71474



APOLO 6 - 8 - 10

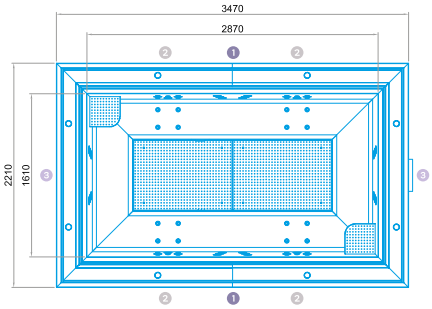


APOLO 6



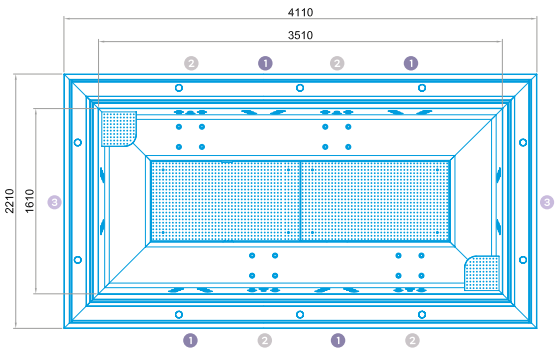


APOLO 8





APOLO 10



TECHNICAL FEATURES

	APOLO 6	APOLO 8	APOLO 10
Dimensions in cm (± 1cm)	224 x 162 x 98	288 x 162 x 98	352 x 162 x 98
Positions (Seats / Loungers)	6 (6 / -)	8 (8 / -)	10 (10 / -)
Jets + nozzles	34 + 16	40 + 24	56 + 24
Recommended compact kit	16412	43639	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 separatly.

	Code
APOLO 6 Rectangular Stainless steel SPA	71475
APOLO 8 Rectangular Stainless steel SPA	71476
APOLO 10 Rectangular Stainless steel SPA	71477

SPAS

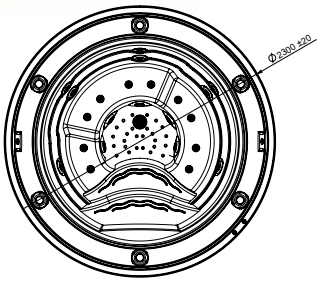
ACRYLIC

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. Depósito de compensación, kit de filtración y cubierta no incluidos.

	Code
ODISEA Circular Acrylic SPA + Spotlight	45709

MIRAGE 40



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. Depósito de compensación, kit de filtración y cubierta no incluidos.

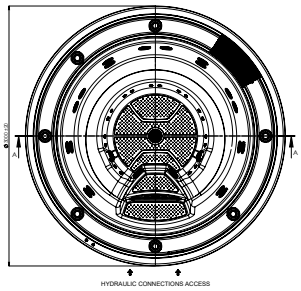
	Code
MIRAGE Circular Acrylic SPA + Spotlight	44630

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. Compensation tank, filtration kit and cover not included.

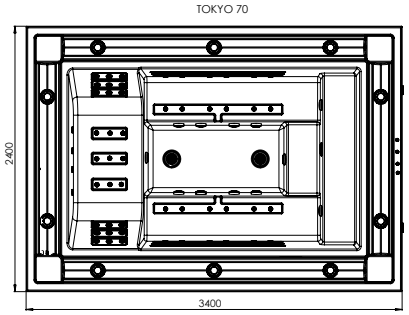
	Code
ROMA Circular Acrylic SPA + Spotlight	40769

TOKYO 70



WHITE COLOUR (44)





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. Compensation tank, filtration kit and cover not included.

	Code
TOKYO Rectangular Acrylic SPA + Spotlight	53990

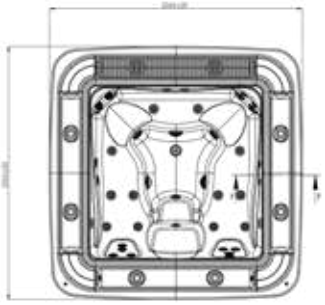
SPAS

ACRYLIC

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

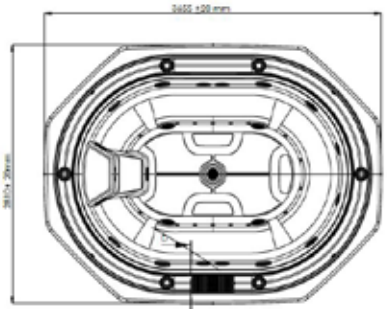
Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Compensation tank, filtration kit and cover not included.

	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. Compensation tank, filtration kit and cover not included.

	Code
OLYMPIA Acrylic SPA + Spotlight	73587

ACRYLIC

HOTEL SPA (SPECIAL SUITES)

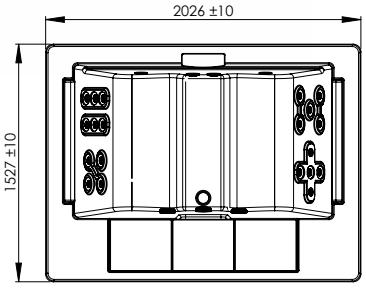
ASTRALPOOL



WHITE COLOUR (44)
GRAPHITE CABINET

TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	203 x 150 x 72
Positions (Seats	4 (4)
Jets	20





This new hidromassage model fills with water automatically. It takes only 30 minutes to fill and empties completely in 15 minutes, making it a perfect and practical choice for hotel rooms.

	Code
Graphite Cabinet + Stainless Steel Jets + Spotlight +EcoSpa + Cover	71463AL305

COLOUR CHART FOR ACRYLIC SPAS



N° 44 WHITE



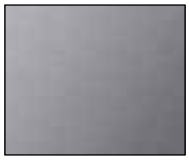
N° 59 STERLING



N° 64 PEARL SHADOW



N° 72 CAMEO



N° 27 SILVER

OPTIONAL EQUIPMENT



LED CHROMOTHERAPY LIGHT,

only for public spas

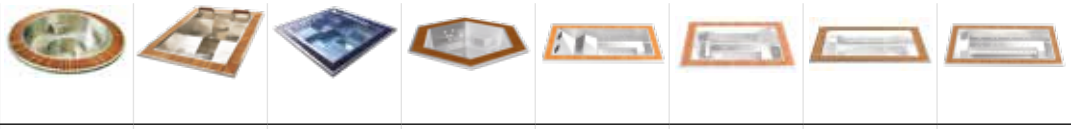
The Mini LED spotlight is the best option for lighting public spas. Thanks to high-intensity LEDs, it provides lighting similar to that of conventional lamps.

The LumiPlus Mini LED 2.0 range of projectors offers multiple colour and sequence combinations with higher light intensities and greater energy efficiency, guaranteeing 80% energy savings compared to conventional projectors, as well as 100,000 hours of maintenance-free service life.

LED Spotlight Chromotherapy Option

STAINLESS STEEL SPAS Comparison of models

ASTRALPOOL



MODELS	Vulcano	Mercurio	Venus	Neptuno	Zeus	Apolo 6	Apolo 8	Apolo 10
	71469	71470	46027	71473	71474	71475	71476	71477
GENERAL SPECIFICATIONS								
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^3	2 m^3	1.23 m^3	1.2 m^3	2.65 m^3	2.40 m^3	3.20 m^3	4.00 m^3
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
CHARACTERISTICS								
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	as standard	as standard	as standard	as standard
Piezoelectric press buttons	2	2	2	2	3	2	2	2
High resistance metallic structure	•	•	•	•	•	-	-	-
OPTIONS (NOT INCLUDED)								
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
EXTRA NECESSARY EQUIPMENT								
Compact filtration kit	05135	05135	05135	16412	On request	16412	43639	43639
Balance Tank	1000 l	1000 l	1000 l	1000 l	1000 l	1000 l	1000 l	2000 l

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 / 64-Pearl Shadow / 72-Cameo	A64, A34, A75, A70, A72, A20, A13, A2	44-White / 59-Sterling	44-White / 59-Sterling	44-White / 59-Sterling / 64-Pearl Shadow / 72-Cameo	44-White / 59-Sterling	44-White
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	White	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	4	2	2	Touch panel
Cover	Optional	Optional	Optional	Optional	Optional	Optional	Yes
Thermal insulation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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							
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 + N	400 V III + N	400 V III + N	400 V III + N	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
GENERAL SPECIFICATIONS				
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	-	-
IHeat exchange	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

SPAS

ACCESSORIES



POLYESTER BALANCE TANK

Used for collecting water volume displaced in overflow channel of commercial spas.

	Code
1000 litres capacity (165 x 125 x 95 cm)	11372
2000 litres capacity (208 x 163 x 79 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

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.



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.

34032: Pressure drop: 10 m.c.a. Recommended pump flow rate: 34 m^3/h.

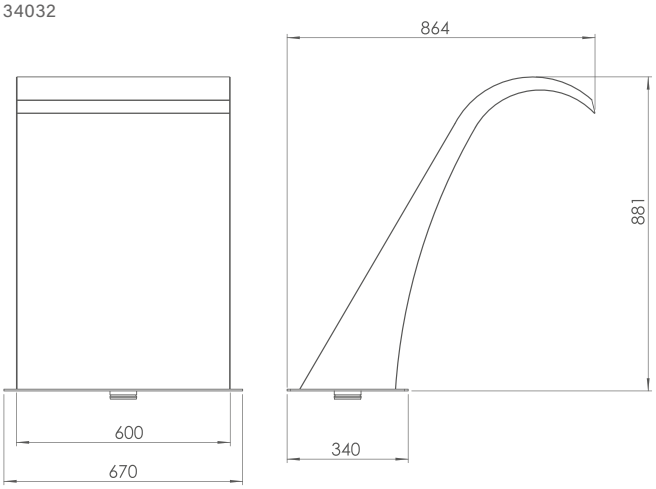
	Code
Pool Surround Cascade	34032
Anchoring Plate	34033

Complementary accessories

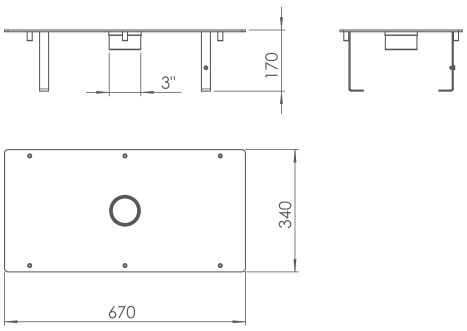
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

* 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.

34039: Pressure drop: 14 m.c.a. Recommended pump flow rate: 10 m^3/h.

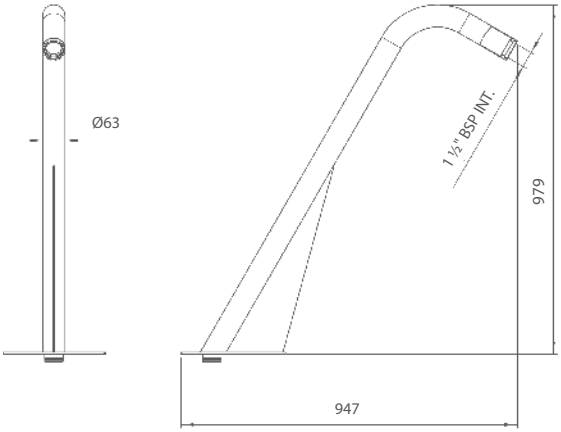
	Code
Pool Surround Water Jet	34039
Anchoring Plate	34040
Uniform pressure nozzle	34041
Double pressure nozzle	34042
Diffuser spray nozzle	34043
Fan spray nozzle	34044

Complementary accessories

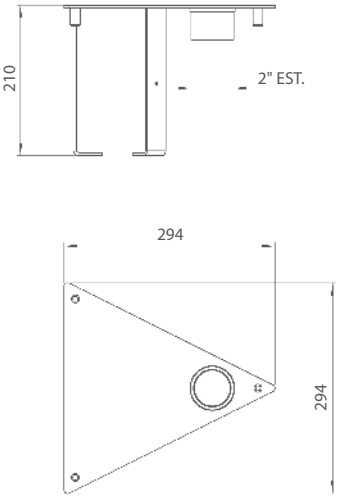
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

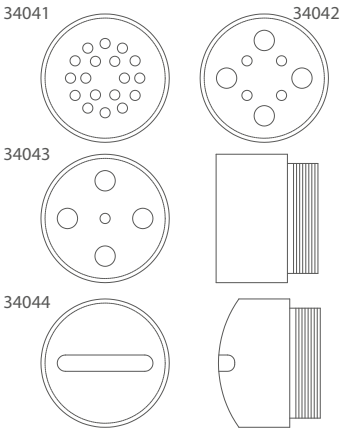
* For a total water pressure head loss of 14 m.w.c.

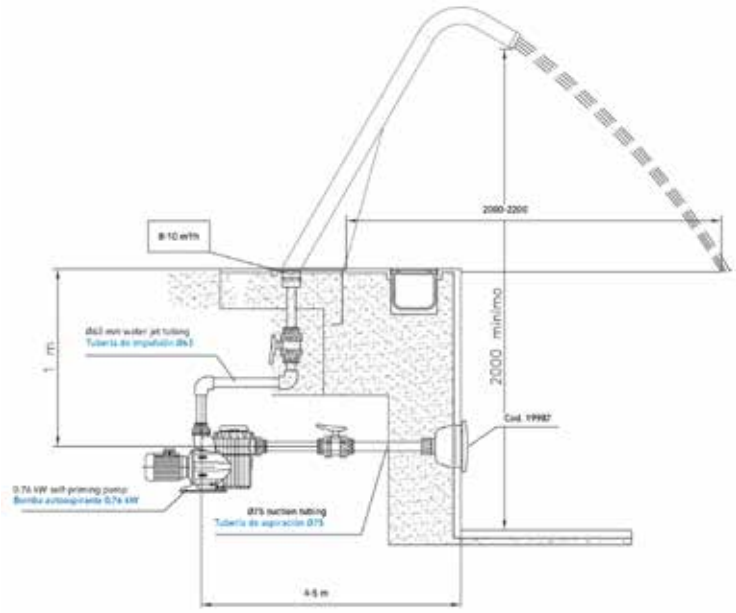
34039



34040







HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS

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

- **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

ASTRALPOOL

57095: Total pressure: 4 mbar. Flow rate: 14 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Classic water curtain	57095	1	28	0.38



STRAIGHT WATER CURTAIN

ASTRALPOOL

57096: Total pressure: 4 mbar. Flow rate: 10 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Straight water curtain	57096	1	36	0.25



ONE WATER CURTAIN

ASTRALPOOL

57097: Total pressure: 4 mbar. Flow rate: 14 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
One water curtain	57097	1	36	0.25



RECOMMENDED

Victoria Plus Silent pump See P. 172



RESIDENTIAL WATER CURTAIN

ASTRALPOOL

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^3
In AISI-316L stainless steel				
A-350 - 12 m^3/h, 2 mwc	52244	1	10	0.12
A-500 - 18 m^3/h, 2 mwc	52245	1	15	0.24

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

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.

HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS

COBRA CURTAIN



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

Total pressure: 10 mbar. Flow rate: 34 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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^3
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^3
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^3
Width 600 mm, Height 800 mm	20129	1	34.1	0.247
Width 600 mm, Height1000 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.

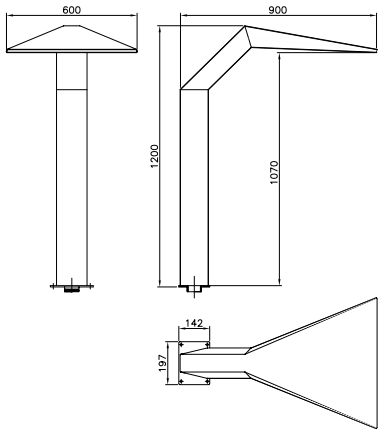
HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS

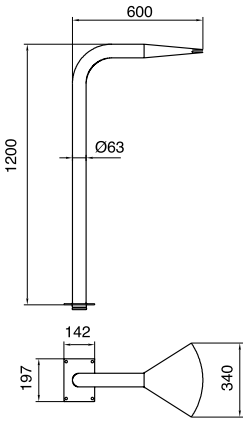
COBRA, BOA, LUXE, ARCHED curtains

ASTRALPOOL

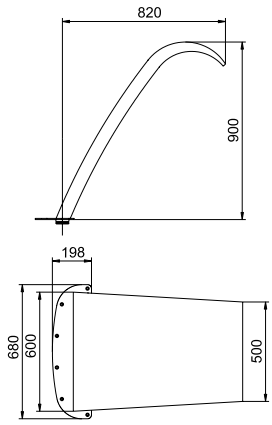
19972-19973



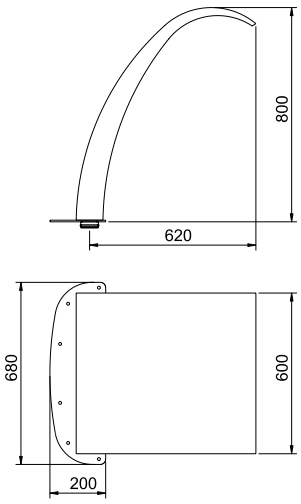
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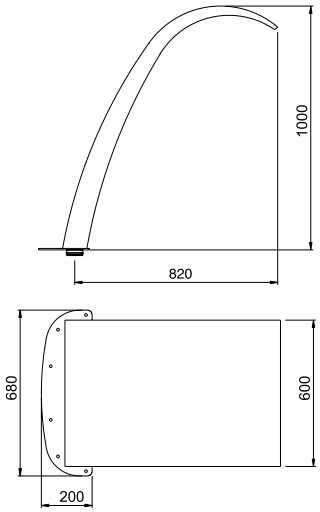
19975



20129



20130



TECHNICAL FEATURES

Curtain code	Faceplate	Anchoring sockets	Suction		Pump	Control box		
		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

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.

HYDRO-LEISURE ELEMENTS

WATERFALLS & 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^3
Cannon	19968	1	7.2	0.193

INTERCHANGEABLE NOZZLES

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
 **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

HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS

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



52242

52243

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^3
AISI-316L stainless steel				
Round opening. 5 m^3/h, 2 mwc	52242	1	3	0.12
Flat opening. 15 m^3/h, 2 mwc	52243	1	5	0.13
AISI-304L stainless steel				
Round opening. 5 m^3/h, 2 mwc	52238	1	3	0.12
Flat opening. 15 m^3/h, 2 mwc	52239	1	5	0.13

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

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 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^3
Bell	19971	1	9.2	0.274

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

HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS

DELUXE CANNON

ASTRALPOOL

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

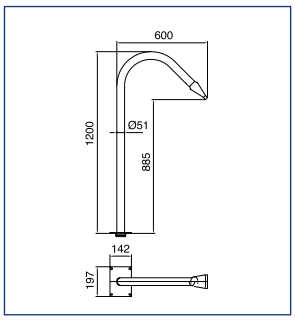




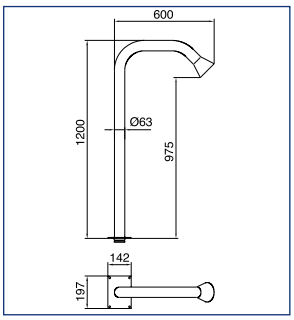




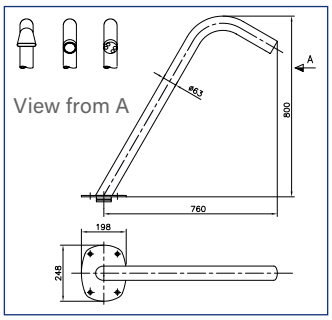
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Flat	19970	1	8.2	0.211
Circular	20132	1	9.4	0.209
6 outlets	20133	1	8.6	0.213



19968



19971



19970-20132-20133

TECHNICAL FEATURES

Code water feature	Face plate	Anchoring sockets	Suction		Pump	Control box		
		Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
							Concrete	Liner
19968	19976	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.

HYDRO-LEISURE ELEMENTS

WATERFALLS & CANNONS



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

ORNAMENTAL WATERFALLS

ASTRALPOOL

In AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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.



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

SILKFLOW WATERFALLS

ASTRALPOOL

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

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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



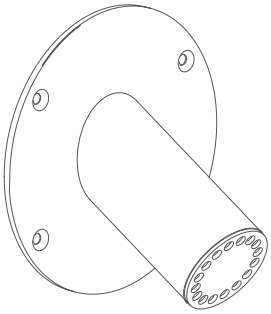
WALL-MOUNTED WATER JET

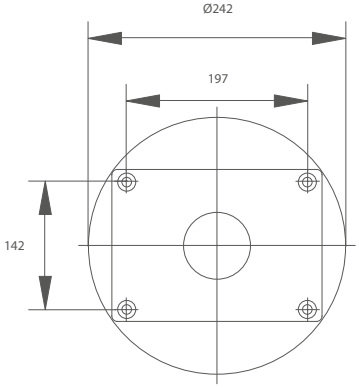
Wall-mounted water jet with cylindrical cross-section. Designed to produce multiple high-pressure water jets for a back and shoulder massage of medium intensity, depending on model. This accessory is manufactured from polished AISI-316 stainless steel. Anchor system for wall mounting.

34464: Pressure drop: 8 m.c.a. Recommended pump flow rate: 10 m^3/h.

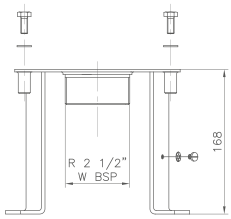
	Code
Wall-mounted circular water jet Ø84	34464
Rectangular concrete pool anchor	19983

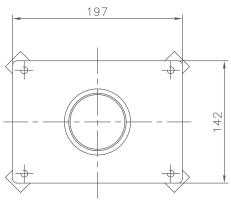
34464





19983



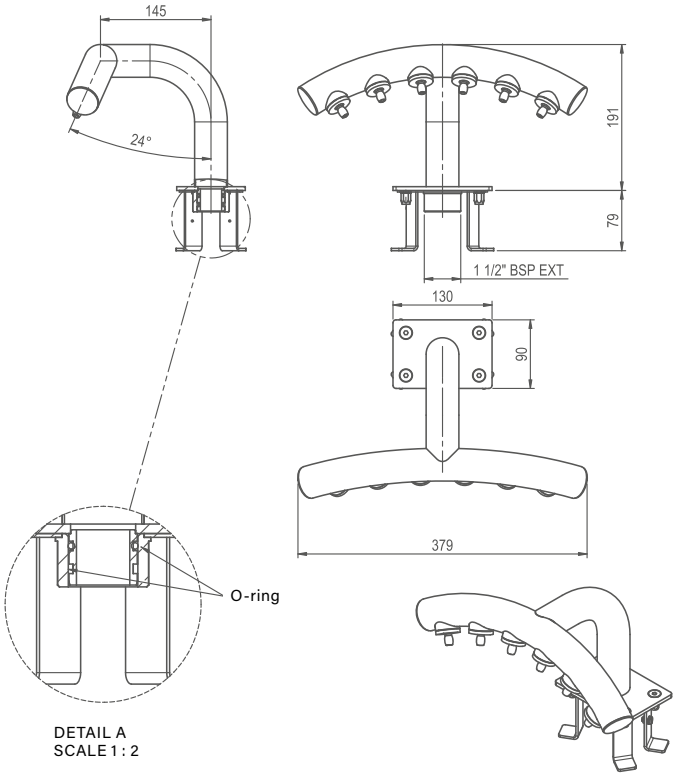




CERVICAL MASSAGE JET

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.

60792: Pressure drop: 8 m.c.a. Recommended pump flow rate: 10 m^3/h.



	Code
Cervical Massage Jet	60792

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.



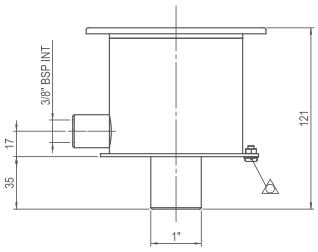
HYDROMASSAGE JET

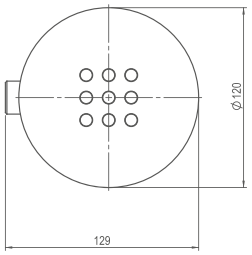
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect.

35753: Pressure drop: 5 m.c.a. Recommended pump flow rate: 3.5 m^3/h.

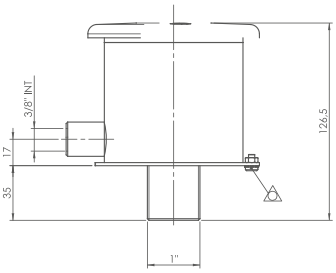
35754: Pressure drop: 5 m.c.a. Recommended pump flow rate: 3.5 m^3/h.

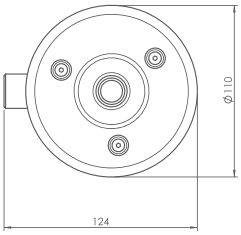
		Code
9 Nozzle Trim and Jet Set Concrete	35753	35753
Ball jet trim set concrete		35754





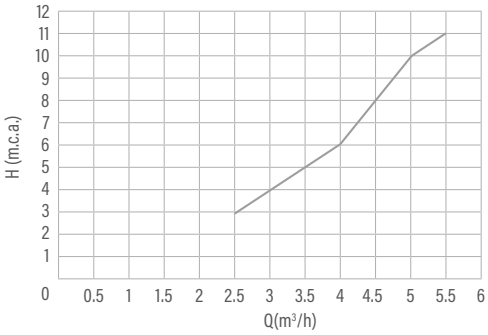
35754





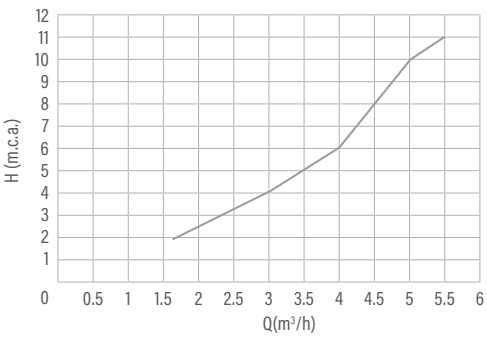
TECHNICAL FEATURES 35753

Pressure (m.c.a.)	Water flow (m^3/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^3/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

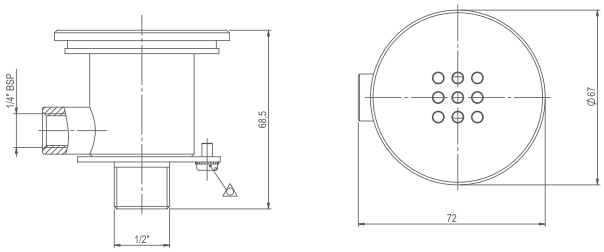
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect.

41282: Pressure drop: 8 m.c.a. Recommended pump flow rate: 3.5 m^3/h.

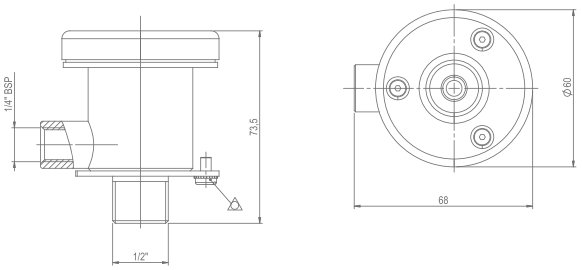
41283: Pressure drop: 8 m.c.a. Recommended pump flow rate: 3.5 m^3/h.

	Code
9 Nozzle Trim and Minijet Set	41282
Ball minijet trim set	41283

41282

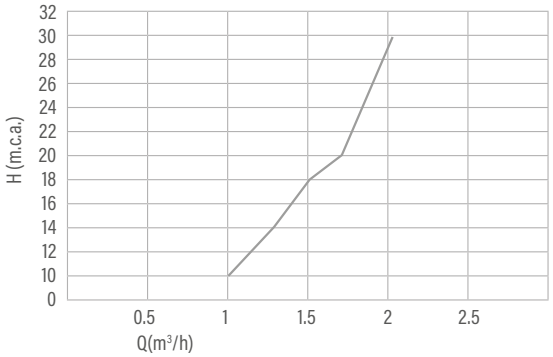


41283



TECHNICAL FEATURES

Pressure (m.c.a.)	Water flow (m^3/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	



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.

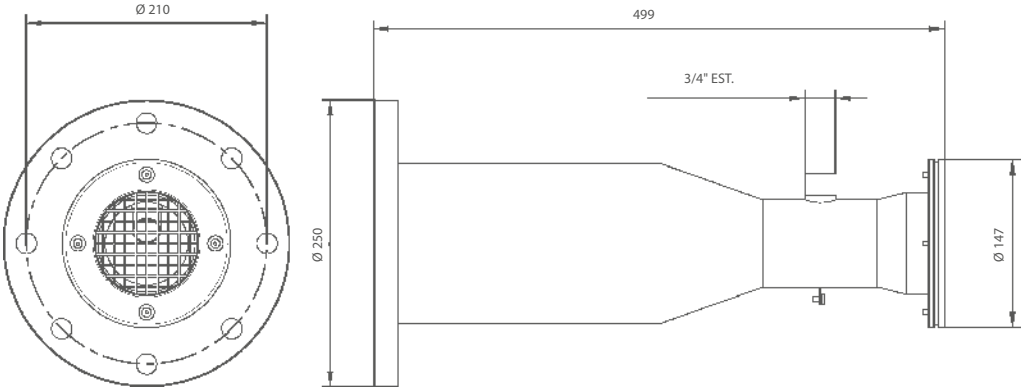
34055: Pressure drop (m.c.a.): 12 mbar. Recommended pump flow rate: 40 m^3/h.

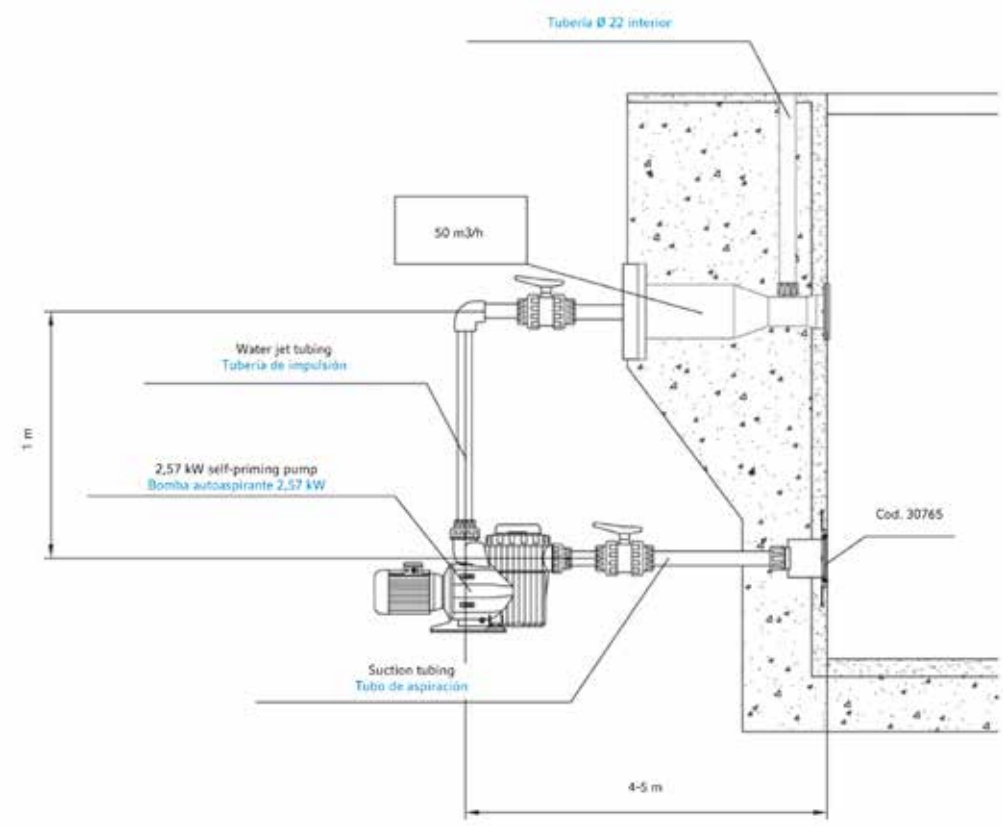
	Code
Dynamic Hydro-Channel Jet Concrete	34055

Complementary accessories

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.





POOL FLOOR MASSAGE GRILLS

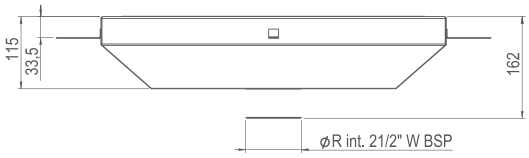


Pool floor massage effect air bubble generator. Cylindrical polished stainless steel accessory to be installed in pool floors, specially prepared for concrete pools. Available for liner installation on request.

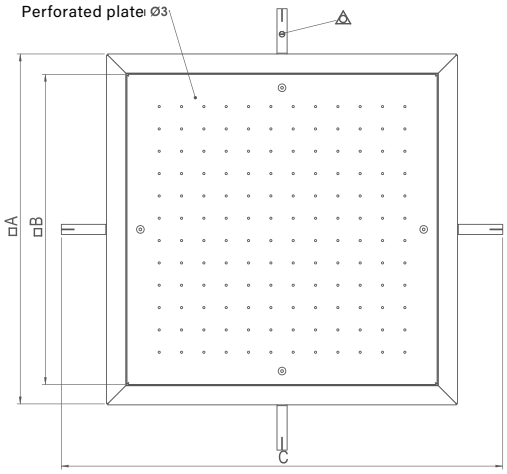
	Code
Hydromassage grill Ø300 mm concrete	35078
Hydromassage grill 300 x 300 mm concrete	35077
Hydromassage grill 500 x 500 mm concrete	35074
Hydromassage grill 675 x 675 mm concrete	35075

Water feature concrete	Water flow	Recomended air blower*	Push button and timer
35078	100	35388	45219 + 35761
35077	100	35388	45219 + 35761
35074	125	31091	45219 + 35761
35075	125	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
35077	300	240	455



BUBBLE SNAKE

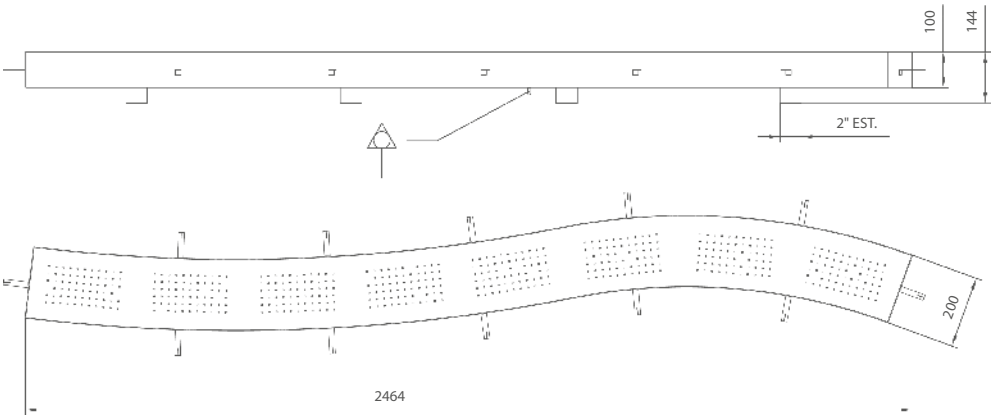


Elongated pool floor massage effect air bubble generator. The casing is made from polished stainless steel in the form of a long snake, to be installed in pool floors. The steel sheeting has holes along its length to allow the bubble to escape and create the desired effect.

34048: Total pressure: 120 mbar. Flow rate: 140 m^3/h.

	Code
Bubble snake for concrete	34048
Complementary accessories	
Water feature concrete	34048
Water feature liner	40980
Recomended air blower*	31092
Push button and timer	45219+35761

* For a total water pressure head loss of 120 mbar.



HYDRO-LEISURE ELEMENTS

HYDROMASSAGE

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.

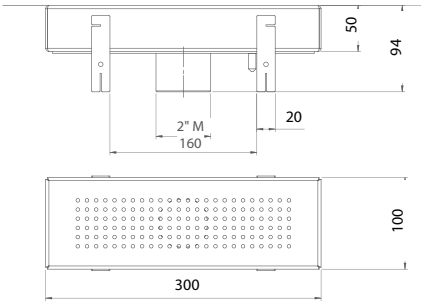
60714: Total pressure: 100 mbar. Flow rate: 100 m^3/h.
34051: Total pressure: 100 mbar. Flow rate: 100 m^3/h.
34052: Total pressure: 100 mbar. Flow rate: 100 m^3/h.

	Code
300 mm Model for Concrete	60714
600 mm Model for concrete	34051
1200 mm Model for concrete	34052

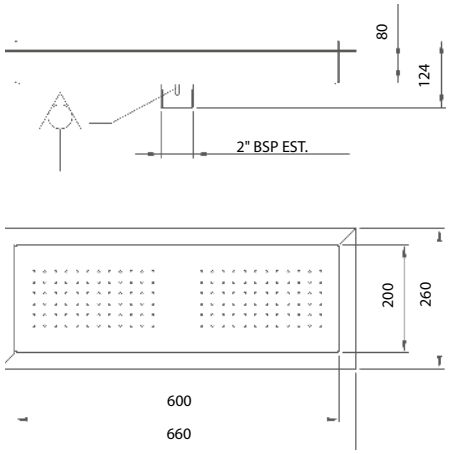
Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
34051	Request	35387	45219 + 35761
34052	Request	31091	45219 + 35761
60714	-	35388	45219 + 35761

* For a total water pressure head loss of 100 mbar.

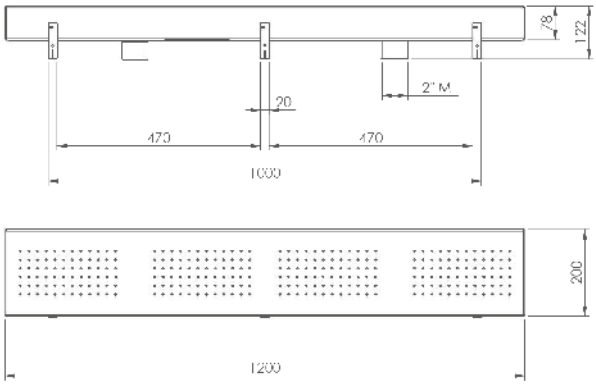
60714



34051



34052



HYDRO-LEISURE ELEMENTS

HYDROMASSAGE

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.

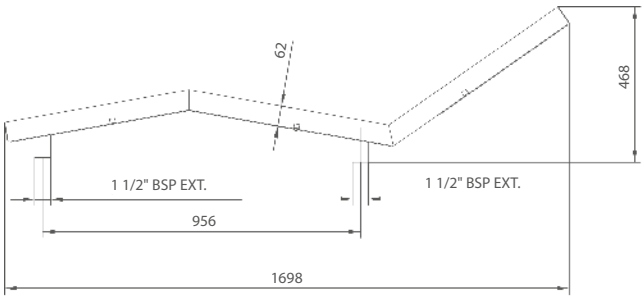
35249: Total pressure: 100 mbar. Flow rate: 100 m^3/h.
35250: Total pressure: 100 mbar. Flow rate: 100 m^3/h.
41159: Total pressure: 100 mbar. Flow rate: 100 m^3/h.

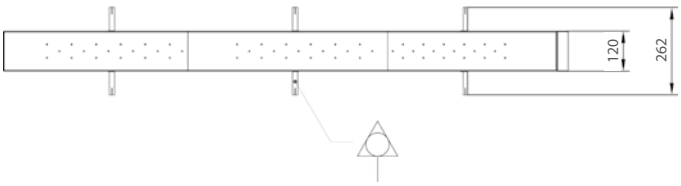
	Code
Single model for concrete	35249
Double model concrete	35250
Double model liner	41159

Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
35249		35388	45219 + 35761
35250	41159	31091	45219 + 35761

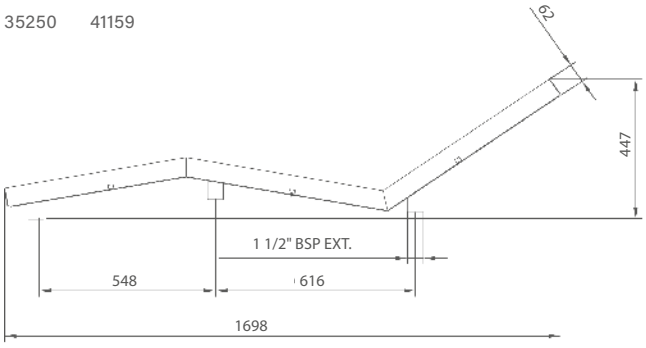
* For a total water pressure head loss of 100 mbar.

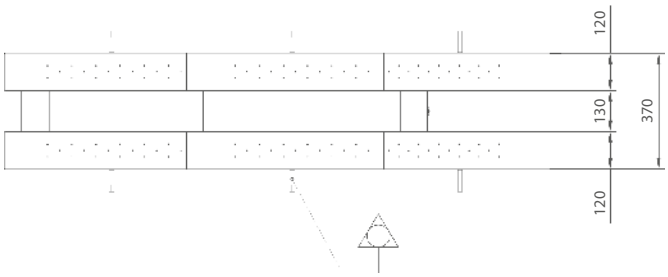
35249





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.

31998: Total pressure: 100 mbar. Flow rate: 100 m^3/h.
31996: Total pressure: 100 mbar. Flow rate: 100 m^3/h.

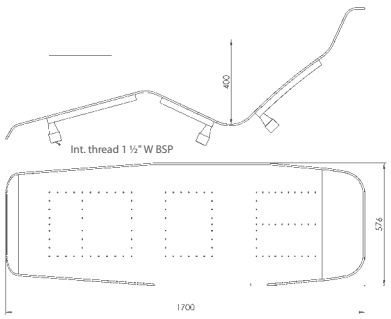
	Code
1700 mm Embedded Lounger	31998
1700 mm Embedded Column Lounger	31996
500 mm Column for lounger	31997L0500
Rectangular anchor for concrete pool	19983
Rectangular anchor for prefabricated pool	15833

Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
31998		31091	45219 + 35761

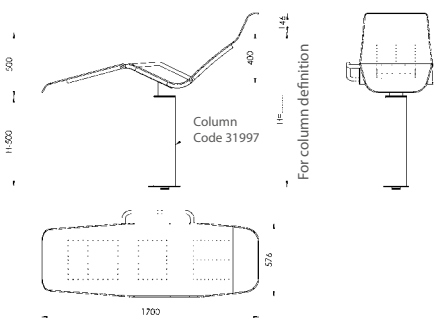
Lounger	Column	Concrete anchoring	Liner anchoring	Recomended air blower*	Push button and timer
31996	31997	19983	15833	31091	45217 + 35761

* For a total water pressure head loss of 100 mbar.

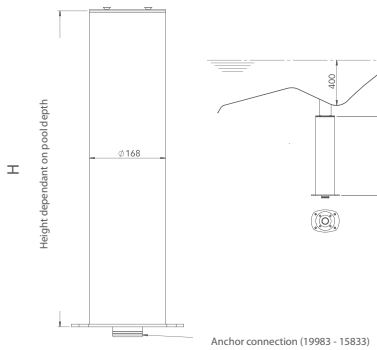
31998



31996

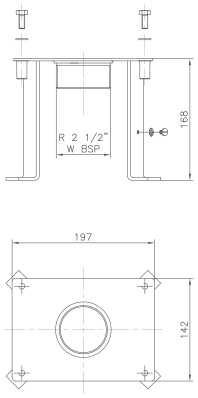


31997L0500

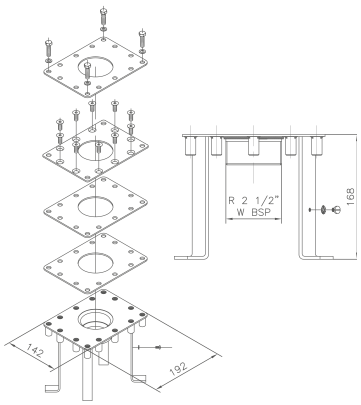


To be specified in orders.
H: Column height
H = Pool depth - 500

19983



15833





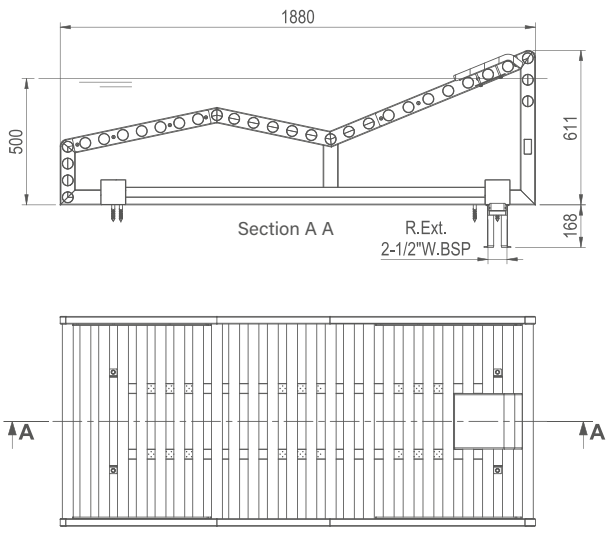
HYDROMASSAGE BED

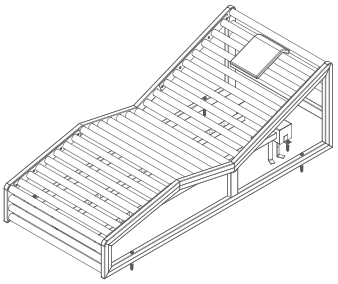
An elegant, modern design made of stainless steel tubes. Its flexible design allows as many beds as desired to be linked in parallel, achieving variable widths adaptable to each project.

58812: Total pressure: 100 mbar. Flow rate: 80 m^3/h.

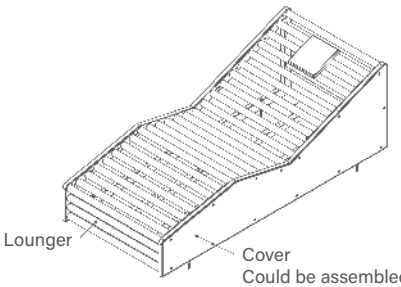
	Code
Tubular concrete hydromassage bed	58812

* Can be customised with logo.



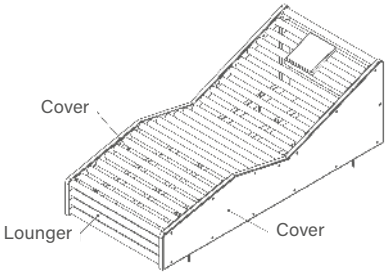


58812



67746
1 cover

Could be assembled in the right or the left side



67747
2 covers

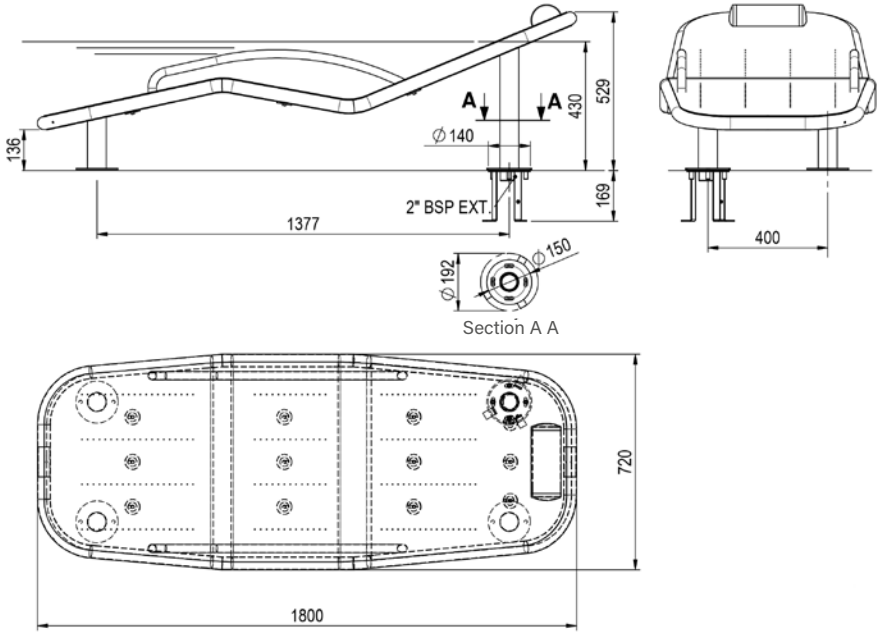


SPAECIAL HYDROMASSAGE BEDS

Stainless steel ergonomic waterbed for individual use. Composed of 200 air micro-outlets which provide a relaxing and pleasant massage. Easy installation.

45665: Total pressure: 100 mbar. Flow rate: 80 m^3/h.

	Code
Spaecial hydromassage bed	45665





AIR BLOWERS

ASTRALPOOL

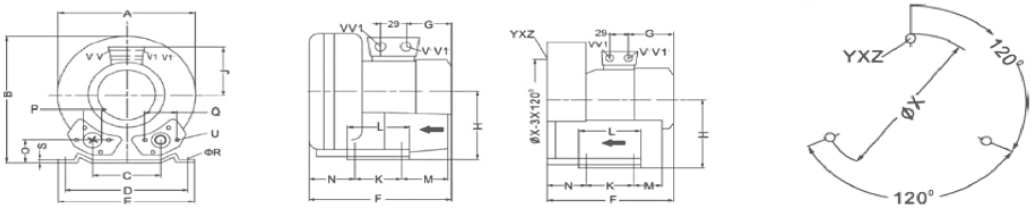
Air pump designed for spas, baths, hydromassage installations and similar which produces a constant stream of air bubbles at medium and high air volume levels. It can also be used to stir up the filter bed, for example in back wash cycles where a low intensity air current is required.

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			

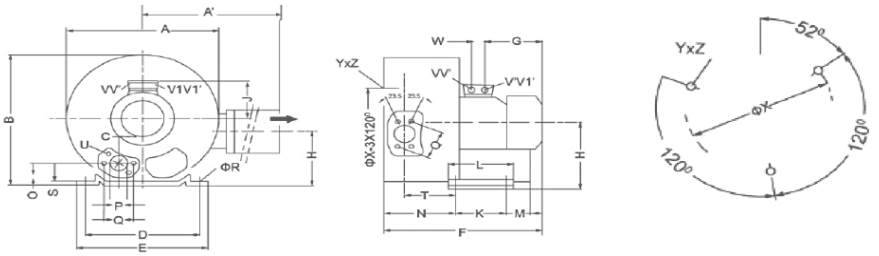
		COMPRESSION @ 50Hz - PRESSURE (mbar) / FLOW (m^3/h)																											
Model		Conn.	kW	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625	650
BL02000100400	33970-FG	1"1/4	0.4	80	58	45	33	12																				
BL04000100900	35387-FG	1"1/2	0.85	140	112	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		

AIR BLOWERS

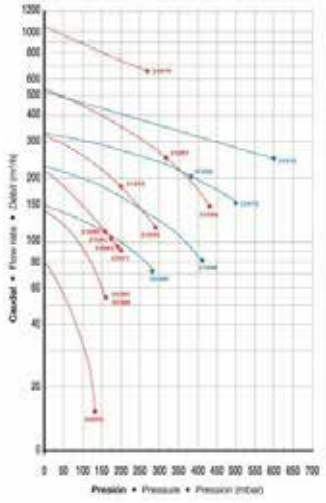
ASTRALPOOL

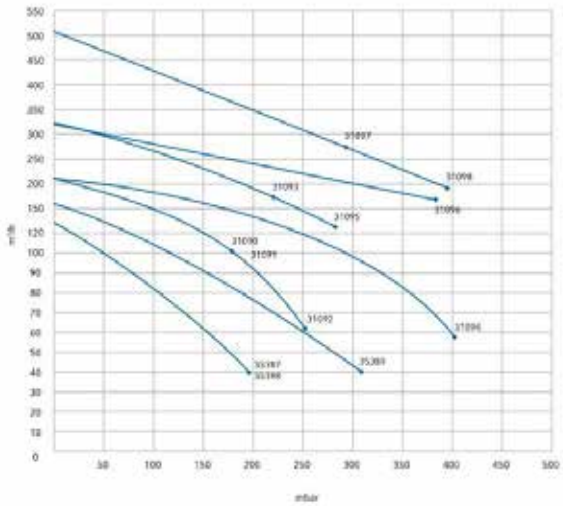


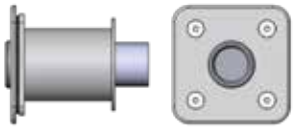
																									(1~)		(3~)					
	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	L	M	N	N'	O	P	P'	Q	ØR	S	T	U	V	V'	V1	V1'	W	α	ØX	XYZ	holes X
33970-FG	246		247		90		205	230	256			135	128		101	83	108	75	71		39	G1¼		64	10	3		M6x19			M25X1.5	M16X1.5			140	M6x15	0°/120°/240°
35387-FG	286		302		115		225	255	292			160	154		120	95	130	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					M32X1.5	M32X1.5	42		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					M32X1.5	M32X1.5	42		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					M40X1.5		42		286	M12x20	51.5°/171.5°/291.5°





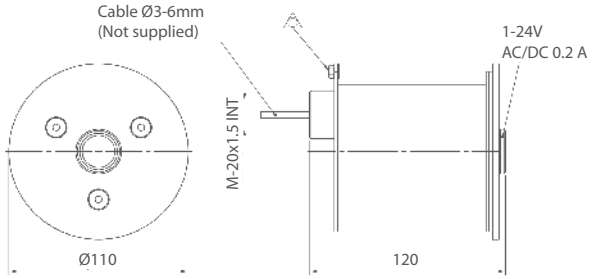


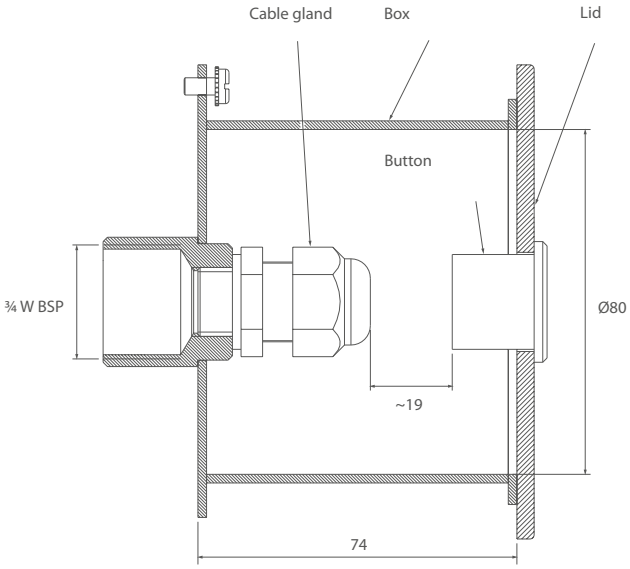
PIEZOELECTRONIC PUSH BUTTON KIT

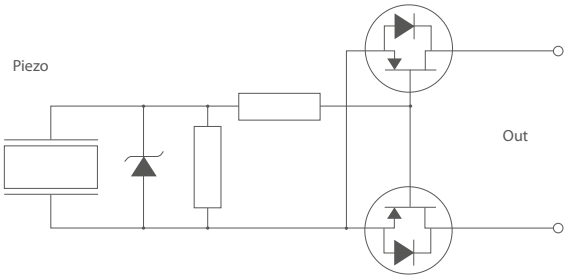
ASTRALPOOL

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





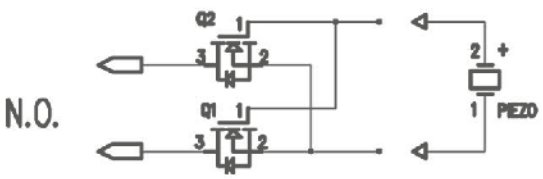


SINGLE PIEZOELECTRIC PUSH BUTTON

ASTRALPOOL

- Housing: stainless steel
- Connection: RED PVC WIRES 24 AWG
- Switching voltage: 1 - 24 V AC/DC
- Switching current: 0.200 A
- Switch resistance "on": <20Ω
- Switch resistance "off": >5Ω
- Actuation force: 3-5N
- Make impulse time: 125-300 mSEC
- Operating and storage temp: -40 ºC to 125 ºC.

	Code
Single piezoelectric push button	60747



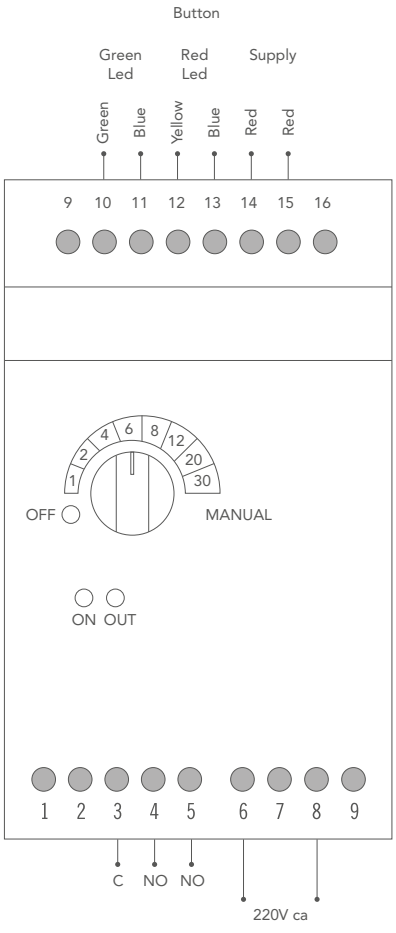
WATER EFFECT TIMER

- 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.

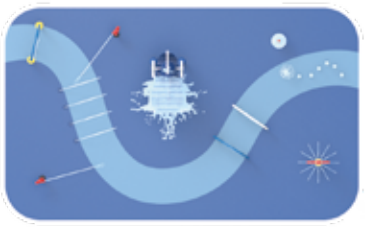
	Code
Water effect timer	35403



SPLASH PARK

+ Zero depth water parks.
+ At Fluidra, we design and manufacture zero depth water features that are safe and accessible for children of all ages.
+ We create experiences that stimulate play, imagination and outdoor adventure, offering refreshing and safe fun, always adapting to the needs and preferences of each customer.







* Image is not contractual and subject to change.



KIDS TUNNEL

Arch-shaped set made of AISI-304 stainless steel. The set is a single piece and is curved throughout, forming a sphere with a diameter of 166 cm without joints or undulations. It has nozzles that spray a cloud of diffused water. Includes a soft-touch, vandal-proof and UV-resistant foot protector.

	Flow	Code
Kids Tunnel	68-102 lpm	On demand



MIDDLE ARCH

Set in the shape of a medium arch made of AISI-304 stainless steel. The set consists of an arch 2.20 m high and 1.74 m wide. It has nozzles that spray a mist of water. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Middle Arch	68-102 lpm	On demand



CURVED ARCH

Curved arch-shaped set made of AISI-304 stainless steel. The set consists of two pieces joined at the centre to form an open arch 2.26 m high and 4.25 m wide. It has nozzles that spray a mist of water. Includes soft-touch, vandal-proof and UV-resistant foot protection.

	Flow	Code
Curved arch	65-100 lpm	On demand

HYDRO-LEISURE ELEMENTS: SPLASH PARK

INTERACTIVE SPRAYERS AND ARCHES



DOME

Water feature consisting of a 90 cm high and 114 cm wide AISI-304 stainless steel mast that generates a large 3600 mm sheet of water. Users can enter and exit the dome and experience the texture of the thin layer of water it creates. It includes a soft-touch, vandal-proof and UV-resistant foot protector.

	Flow	Code
Dome	36-68 lpm	On demand



CRAZY UMBRELLA

Water game consisting of an AISI-304 stainless steel tube measuring approximately 3.11 m in height and an umbrella-shaped canopy measuring approximately 0.90 m in diameter, made of fibreglass. It generates a large 360º sheet of water. Users can enter and exit the dome and experience the texture of the thin layer of water it creates. It includes a soft-touch, vandal-proof and UV-resistant foot protector.

	Flow	Code
Crazy Umbrella	19-38 lpm	On demand



DRAGONFLY

Water feature consisting of an AISI-304 stainless steel tube measuring approximately 2.79 m in height and a dragonfly made of HDPE panel measuring approximately 1.38 m in width between wings, which shoots jets of water from its mouth and legs. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Dragonfly	32 lpm	On demand



BUTTERFLY

Water game consisting of an AISI-304 stainless steel tube measuring approximately 1.68 m in height and a butterfly made of HDPE panel approximately 0.58 m wide between the antennae, which shoots water jets from its mouth and legs. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Butterfly	32 lpm	On demand



POPPY

Flower-shaped water jet water feature. Consisting of a main column made of AISI-304 stainless steel. With mounting plates welded to the top of the column for attaching poppy-shaped HDPE panel sheets to each of the mounting panels. With tamper-proof fastenings. With a water diffusion system that flows through a nozzle with an upward geyser effect. With stainless steel anchoring system and EPDM gaskets.

	Flow	Code
Poppy	32 lpm	On demand

MARGARITA



Flower-shaped water jet water feature. Consisting of a main column made of AISI-304 stainless steel. With mounting plates welded to the top of the column for attaching daisy-shaped HDPE panel sheets to each of the mounting panels. With a water diffusion system that flows through a nozzle with an upward geyser effect. With stainless steel anchoring system and EPDM gaskets.

	Flow	Code
Margarita	70-102 lpm	On demand

WHALE



Manufacture of water play equipment consisting of a head, three arches simulating the body and a whale tail, made from AISI-304 stainless steel in a single piece, with tail details made from HDPE panels. It has nozzles that spray a cloud of mist. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Whale	30-40 lpm	On demand

MULTIJET TURTLE



Manufacture of a 54 cm high water feature for young children with a rounded shape, made entirely of AISI-304 stainless steel. Its body has several nozzles, and covering the water outlet of one of these amplifies the water effect of the main outlet. These water effects captivate children thanks to this cause-and-effect situation. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Multijet Turtle	76-95 lpm	On demand

MULTIJET CRAB



Manufacture of a 47.11 cm high water feature for young children with a rounded shape, made entirely of AISI-304 stainless steel. Its body has several nozzles, and covering the water outlet of one of these will amplify the water effect of the main outlet. These water effects captivate children thanks to this cause-and-effect situation. Includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Multijet Crab	76-95 lpm	On demand

SHARK



Manufacture of a shark head-shaped water feature, made from AISI-304 stainless steel, with details of the head made from HDPE panels. It has nozzles that spray a mist of water. It includes a soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Shark	38-57 lpm	On demand

SEA URCHIN / CRATER



Manufacture of a rounded water play structure for younger children, made entirely of GRP. Its body has several nozzles; covering the water outlet of one of these amplifies the water effect of the main outlet. These water effects captivate children thanks to this cause-and-effect situation.

	Flow	Code
Sea Urchin / Crater	38-57 lpm	On demand

PALM



Palm tree-shaped water jet set. Consisting of a main column made of AISI-304 stainless steel. Five mounting plates are welded to the top of the column and five GRP sheets in the shape of palm leaves are attached to each of the mounting panels. With a water diffusion system that flows through a nozzle with an upward geyser effect and falls in the form of a waterfall onto the leaves that form the palm tree. With stainless steel anchoring system and EPDM seals. Includes soft-touch, vandal-proof and UV-resistant foot protection.

	Flow	Code
Palm	76-114 lpm	On demand

CURVED PALM



Set of water jets in the shape of a curved palm tree. Consisting of a main column made of AISI-304 stainless steel. Five mounting plates are welded to the top of the column and five GRP sheets in the shape of palm leaves are attached to each of the mounting panels. With a water diffusion system that flows through a nozzle with an upward geyser effect and falls in the form of a waterfall onto the leaves that form the palm tree. With stainless steel anchoring system and EPDM seals. Includes soft-touch, vandal-proof and UV-resistant foot protection

	Flow	Code
Curved Palm	76-114 lpm	On demand

BRACHIOSAURUS



Manufacture of a freestanding water play structure for children consisting of a main column made of 33° curved AISI-304 stainless steel and anchors for decorative HDPE panels in the shape of a BRACHIOSAURUS HEAD with a geyser-effect water nozzle in the mouth. Includes soft-touch, vandal-proof and UV-resistant foot protection.

	Flow	Code
Brachiosaurus	38-57 lpm	On demand

MUSHROOM SHOWER



Water feature consisting of an AISI-304 stainless steel tube measuring approximately 2.55 m in height and a mushroom-shaped cap measuring approximately 1.59 m in diameter, made of fibreglass, which generates a large 360° sheet of water. Users can enter and exit the dome and experience the texture of the thin layer of water it creates. It includes a soft-touch, vandal-proof and UV-resistant foot protector.

	Flow	Code
Mushroom shower	18-38 lpm	On demand

WATER SPIDER



Floor game that creates the effect of spider legs coming out of the ground. It is made of POM, a synthetic material that is soft to the touch, and has eight circular holes. The game must be completely embedded in the ground. Water depth: 0.9 m.

	Flow	Code
Water spider	23,3 lpm	On demand

FOUNTAIN



Manufacture of a set of water jets embedded in the ground. Consisting of a POM nozzle with a central hole. Water height 1 metre.

	Flow	Code
Fountain	5,83 lpm	On demand

ARCH

Water feature consisting of a POM nozzle that creates a water arch effect, allowing users to crawl underneath it. Includes anchor for embedding in concrete slab; nozzles remain flush with level 0.

	Flow	Code
Arch	10 lpm	On demand

GEYSER



Floor game that entertains children by creating a geyser effect. Made of soft-touch synthetic POM material, embedded in the floor, the nozzle has 10 holes angled at 50 degrees from the vertical so that multiple streams spray water at symmetrical angles, creating an elegant effect

	Flow	Code
Geyser	-	On demand

WATER TAIL



Manufacture of a floor set that creates a fan effect coming out of the floor. It is made of POM, a synthetic material that is soft to the touch, and has two parallel strips of holes. The set must be completely embedded in the floor. Height 0.9 m of water.

	Flow	Code
Water Tail	23,3 lpm	On demand

WATER TUNNEL



Water feature consisting of four POM nozzles that create a water tunnel effect through which users can crawl. Includes anchor for embedding in concrete slab, the nozzles remain flush at level 0.

	Flow	Code
Water tunnel	-	On demand

WATER WAVE



Water feature consisting of seven serpentine-shaped POM nozzles, six of which produce a fountain-type water jet and one of which produces a geyser-type water jet, allowing users to experience different water textures. Includes anchor for embedding in concrete slab; nozzles remain flush with level 0.

	Flow	Code
Water wave	-	On demand

MEDUSA NOZZLE



The Medusa Nozzle is an elegant water feature that creates an impressive ring of water around its base. Perfect for creating striking visual effects in water play areas or gardens, its unique design brings a sense of freshness and movement, transforming any space into a more dynamic and attractive place.

Pressure: 0.5 Bar

Flow rate: 30 lpm

	Flow	Code
Medusa Nozzle	30 lpm	On demand

HYDRO-LEISURE ELEMENTS: SPLASH PARK

INTERACTIVE SPRAYERS AND ARCHES

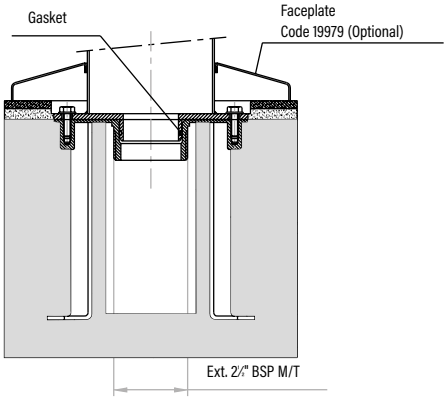
NOTE: The water features do not include anchoring, pump, control panel nor suction system.

MUSHROOMS

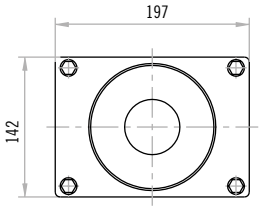


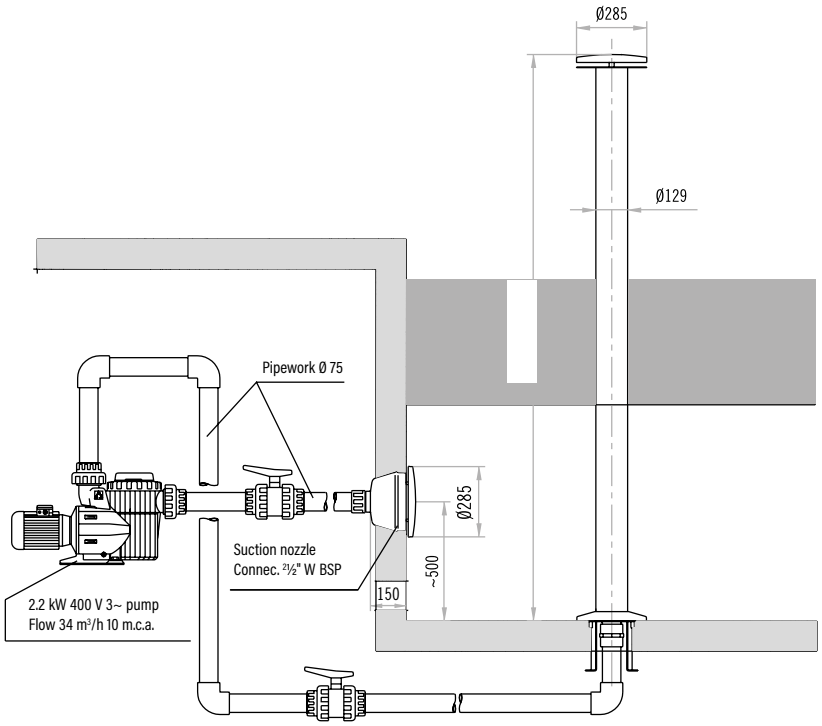
In AISI-316L polished stainless steel. Column Ø 129 mm. Height 2.3 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
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.

HYDRO-LEISURE ELEMENTS: SPLASH PARK

INTERACTIVE SPRAYERS AND ARCHES



WATER MUSHROOM Ø 250 MM

ASTRALPOOL

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 m³
Matt finish	34378	1	5.4	0.34



WATER MUSHROOM Ø 400 MM

ASTRALPOOL

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 m³
Matt finish	34381	1	9.6	0.124

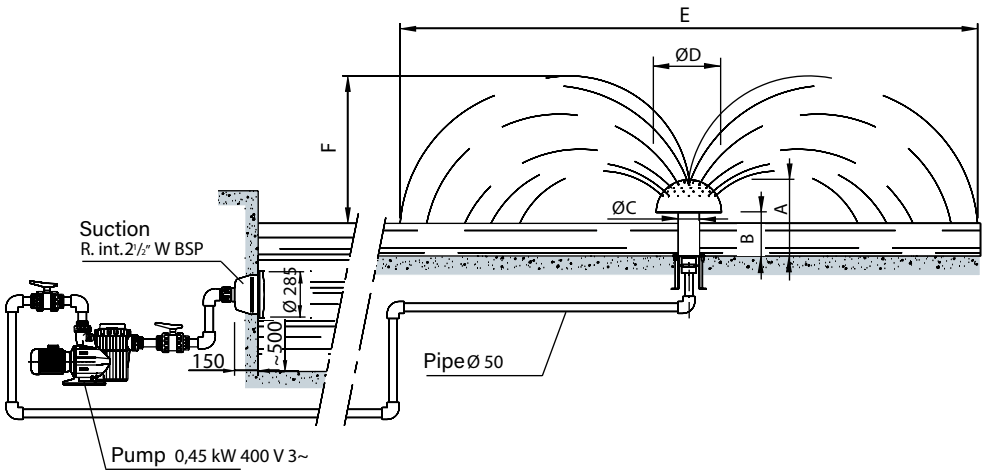


WATER MUSHROOM Ø 670 MM

ASTRALPOOL

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 m³
Matt finish	34384	1	24.5	0.377



TECHNICAL FEATURES

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

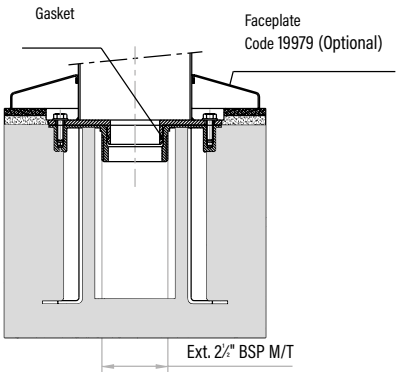
Note: The pneumatic push button includes: control box, wall conduits and push button.

UMBRELLAS

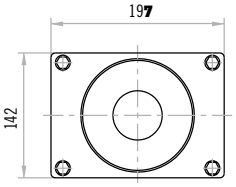


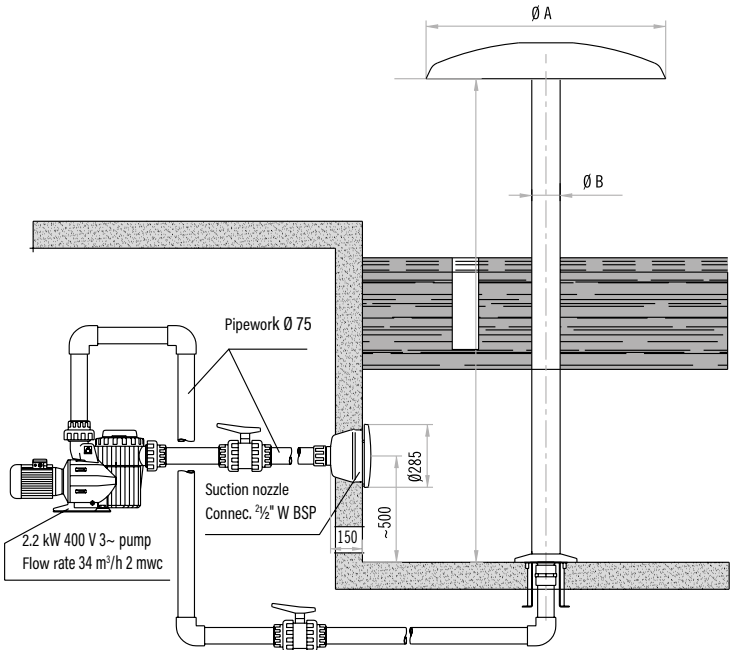
In AISI-316L Stainless Steel polished column. Umbrella in polyester.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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



Anchor detail





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.

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

ANCHORING FOR LINER POOLS



19983

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

ANCHORING FOR LINER POOLS



15833

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

BASE COVER



In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
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 m³
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 m³
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 m³
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 m³
Ø 254 mm	19980	1	0.9	0.006

HYDRO-LEISURE ELEMENTS: SPLASH PARK

INTERACTIVE SPRAYERS AND ARCHES

BASE COVER



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
600 mm curtain. Matt finish	19981	1	1.22	0.008

BASE COVER



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
600 mm curtain. Painted	19982	1	1.28	0.008

CONTROL BOX – MANUAL



		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Manual - control box					
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 m³
For concrete pool					
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
For prefabricated pools					
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

CANNONS AND ROCKETS



23 games

16m x 26m

600m²

400 kids

* Image is not contractual and subject to change



CURVED CANNON

NEW 2026

Directional water cannon made of AISI-304 stainless steel with a spiral shape and 360º free rotation. Height approx. 1.12 m and 0.43 m wide, includes soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Curved cannon	30 lpm	On demand



SMALL CANNON

NEW 2026

Compact and fun water cannon, designed to shoot water jets at short distances. Ideal for children to enjoy interacting and cooling off in swimming pools and water parks. Perfect for small children and group games.

	Flow	Code
Small cannon	15-30 lpm	On demand



VELETA CANNON

NEW 2026

Directional water cannon made of AISI-304 stainless steel, 89 mm in diameter and 3 mm thick, with 360º free rotation. Height approx. 1.34 m and 0.65 m long. Includes soft-touch, vandal-proof and UV-resistant foot guard.

	Flow	Code
Veleta cannon	32 lpm	On demand



DOLPHIN CANNON

NEW 2026

Manufacture of dolphin-shaped water cannon. Consisting of a base column made of AISI-304 stainless steel structural tubing with a diameter of 0.28 m and a thickness of 3 mm, curved, with threaded acetal nozzles and panel tabs for coloured acrylic panels. Fully assembled unit, with head and upper shaft secured to the base column, allowing 360º rotation and spraying. With rotary joint and necessary elements for fixing and assembly. Includes 3/4" acetal nozzles for water emission through the nozzle. With stainless steel anchoring system and EPDM gaskets.

	Flow	Code
Dolphin cannon	30-40 lpm	On demand

DYNAMIC AND IMPACT GAMES



15 games
15m x 32m
400m²
240 kids

* Image is not contractual and subject to change



DUMP TRUCK X

Dump truck made of AISI-304 stainless steel, measuring approximately 4.36 m high by 2.59 m wide, it consists of a pivoting bucket with a capacity of approximately 400 litres of water, which has built-in bearings that cause the bucket to tip over when it is filled with water. It includes a soft-touch foot guard, vandal-proof, UV-resistant foot guard.

	Flow	Code
Dump Truck X	100-125 lpm	On demand



PTERODACTYL CUBE

Manufacture of a freestanding water play structure for children consisting of a main column made of AISI-304 stainless steel and anchors for decorative HDPE panels in the shape of a pteranodon flying over a tipping bucket mounted on a stainless steel spindle with an arm and filling counterweight.

Includes soft-touch, vandal-proof and UV-resistant foot protection.

	Flow	Code
Pterodactyl Cube	38-57 lpm	On demand

CASTLES

22 games

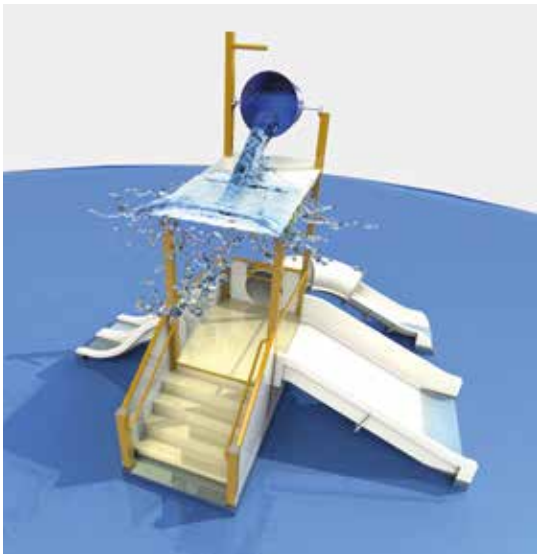
21m x 32m

490m²

310 kids



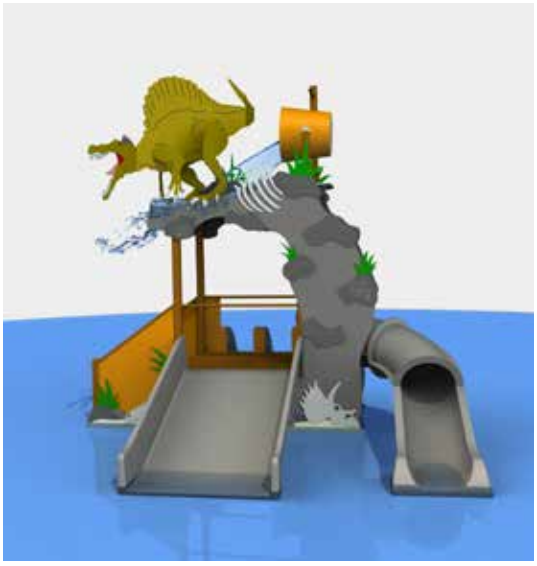
* Image is not contractual and subject to change



BASIC CASTLE

The BASIC Castle is made of AISI 304 stainless steel and includes all the necessary hardware for installation. It incorporates a tipper that adds dynamism and fun to the play experience. The slide is 1.20 m high, and the ladder is 1.76 m wide. It offers different slide options : a 2.95 m long ramp, a 4.8 m long hydro tube and a 2.65 m long multi-lane slide. The safety area is 10.30 m x 9.39 m, and the approximate total dimensions of the castle are 7.8 m wide x 7.4 m high x 7.3 m deep, which may vary depending on the model. It operates at a pressure of 0.7 to 1 bar and a flow rate of 250 to 300 lpm.

	Pressure	Flow	Code
Basic Castle	0,7/1 Bar	250/300 lpm	On demand



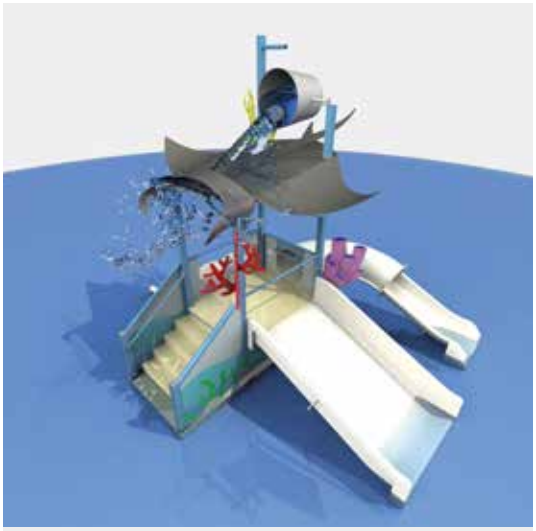
JURASSIC CASTLE

The JURASSIC Castle is made of AISI 304 stainless steel, with HDPE panels and theming, and includes all the necessary hardware for installation. It incorporates a tipper that adds dynamism and fun to the play experience. The slide is 1.20 m high and the ladder is 1.76 m wide. It offers different slide options: a 2.95 m long ramp, a 4.8 m long hydro tube and a 2.65 m long multi-lane slide. The safety area is 10.30 m x 9.39 m, and the approximate total dimensions of the castle are 7.8 m wide x 7.4 m high x 7.3 m deep, which may vary depending on the model. It operates at a pressure of 0.7 to 1 bar and a flow rate of 250 to 300 lpm.

	Pressure	Flow	Code
Jurassic Castle	0,7/1 Bar	250/300 lpm	On demand

HYDRO-LEISURE ELEMENTS: SPLASH PARK

CASTLES



MARINE CASTLE

The Marine Castle is made of AISI 304 stainless steel, with HDPE panels and theming, and includes all the necessary hardware for installation. It incorporates a tipper that adds dynamism and fun to the play experience. The slide is 1.20 m high and the ladder is 1.76 m wide. It offers different slide options: a 2.95 m long ramp, a 4.8 m long hydro tube and a 2.65 m long multi-lane slide. The safety area is 10.30 m x 9.39 m, and the approximate total dimensions of the castle are 7.8 m wide x 7.4 m high x 7.3 m deep, which may vary depending on the model. It operates at a pressure of 0.7 to 1 bar and a flow rate of 250 to 300 lpm.

	Pressure	Flow	Code
Marine Castle	0,7/1 Bar	250/300 lpm	On demand



PIRATE CASTLE

The Pirate Castle is made of AISI 304 stainless steel, with HDPE panels and theming, and includes all the necessary hardware for installation. It incorporates a tipper that adds dynamism and fun to the play experience. The slide is 1.20 m high and the ladder is 1.76 m wide. It offers different slide options: a 2.95 m long ramp, a 4.8 m long hydro tube and a 2.65 m long multi-lane slide. The safety area is 10.30 m x 9.39 m, and the approximate total dimensions of the castle are 7.8 m wide x 7.4 m high x 7.3 m deep, which may vary depending on the model. It operates at a pressure of 0.7 to 1 bar and a flow rate of 250 to 300 lpm.

	Pressure	Flow	Code
Pirate Castle	0,7/1 Bar	250/300 lpm	On demand

ELEMENTOS HIDROLÚDICOS: SPLASH PARK

SLIDE

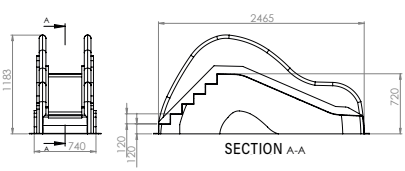


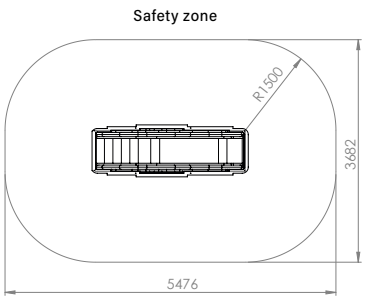
PUPPY SLIDE

The Children's Water Slide is specially designed for little ones, with a safe and fun structure. Its gentle slope and vibrant colours invite children to slide down safely and enjoyably, while cooling off in the water. Ideal for swimming pools and water parks, this slide provides hours of fun in a controlled and joyful environment.

Specifications: Age: 3-12 years

	Code
Puppy Slide	On demand







H2O KIDS PLAY

NEW 2026

A unique aquatic experience that combines Variopool's moving floor technology with an interactive Splash Park full of lights, colours and dynamic figures.

The space is transformed in a matter of minutes: the floor rises up to 10 cm below the water level, the play elements (flowers, mushrooms, snakes or frogs) are installed, and the show of jets and lights begins.

Thanks to interactive projection and RGBW-illuminated fountains, children can play, jump and discover underwater worlds or active games that react to their movements. Each projection transforms the pool into a new environment: from exploring the bottom of the sea to competing in light and water games.

In addition to fun, H2O encourages interaction, coordination and familiarisation with water, turning the pool into a safe and stimulating environment for all ages.

Its use is flexible: it can be alternated with regular pool activities, optimising space and expanding the centre's recreational offerings.

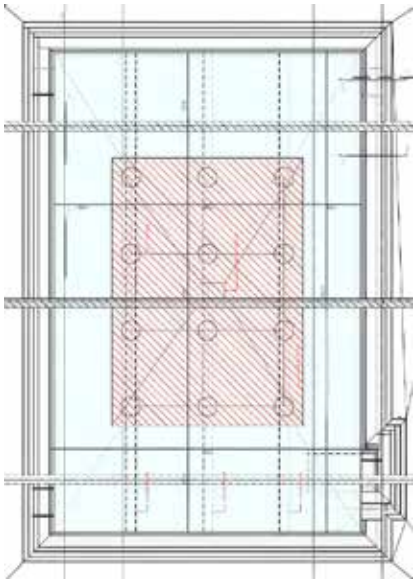
Main advantages:

- Turns any pool with a movable floor into a water play area.
- Quick and easy assembly (ready in less than 10 minutes).
- Multi-sensory experience with water, light and 3D projection.
- Interactive games adapted to different ages.
- Perfect for family sessions, events or swimming schools.

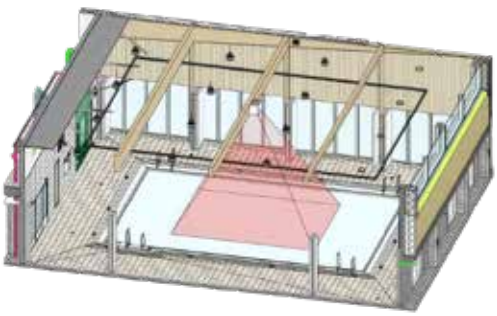
	Code
H2 O KIDS PLAY	On demand



FLOWER | DOUBLE SPHERE | FROG | UPRIGHT MUSHROOM | BENT MUSHROOM | STRAIGHT POLE | LARGE SATELLITE | SMALL SATELLITE | SNAKE









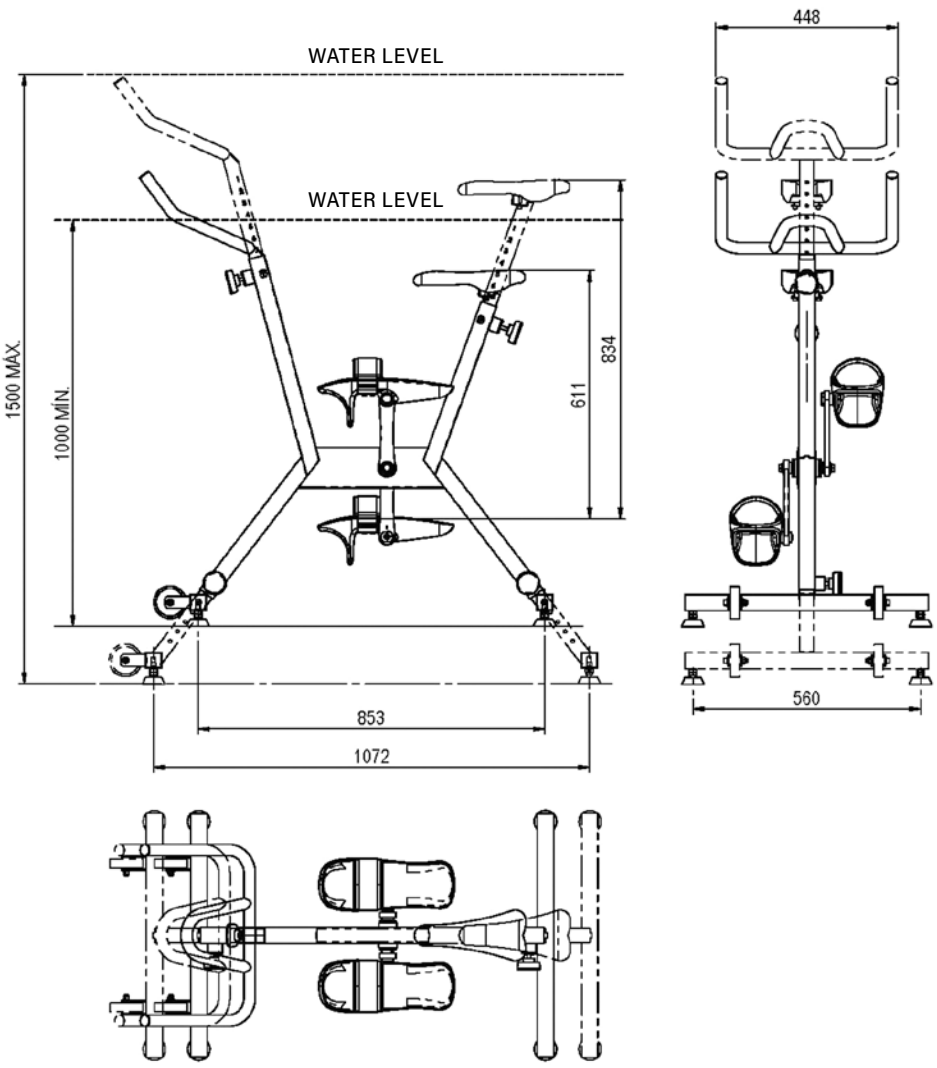


ASTRALPOOL BIKE

Bicicleta acuática fabricada en tubo cuadrado y rectangular de acero inoxidable AISI-316L acabado pulido brillante. Ideal para uso en instalaciones fitness, wellness, centros spa, instalaciones médicas, hoteles y piscinas privadas.

- En acero inox AISI-316L.
- Regulable en altura para diferentes usuarios: sillín y manillar.
- Para uso en piscinas públicas y residenciales de 1 a 1,5 metros de profundidad.
- Ergonómica.
- Pedales fabricados en PUR.
- Fácil transporte.

	Code	Pack estándar	Peso Std en kg	Volumen estándar en m^3
AstralPool Bike	67333	1	20	0,12









WELLNESS

LOUNGERS

509 MASSAGE LOUNGERS

509 Fixed

510 Foldable

513 RELAX LOUNGERS

ASTRALPOOL

MASSAGE LOUNGERS

+ Designed for professional wellness environments, AstralPool massage loungers combine comfort, durability and ease of use. Their solid construction guarantees reliable performance even with intensive use, while carefully selected materials ensure minimal maintenance and long-lasting durability. Quick and easy to install, they integrate seamlessly into any wellness area, offering users a premium relaxation experience and operators the security of an efficient and sustainable solution.

- Intensive professional use: designed to withstand high-volume use without compromising performance.
- Low maintenance: high-quality materials that are easy to clean and maintain.
- Easy installation: simple assembly and immediate integration into any space.
- Durability and sustainability: resistant solutions with a long-term vision.



MASSAGE LOUNGERS

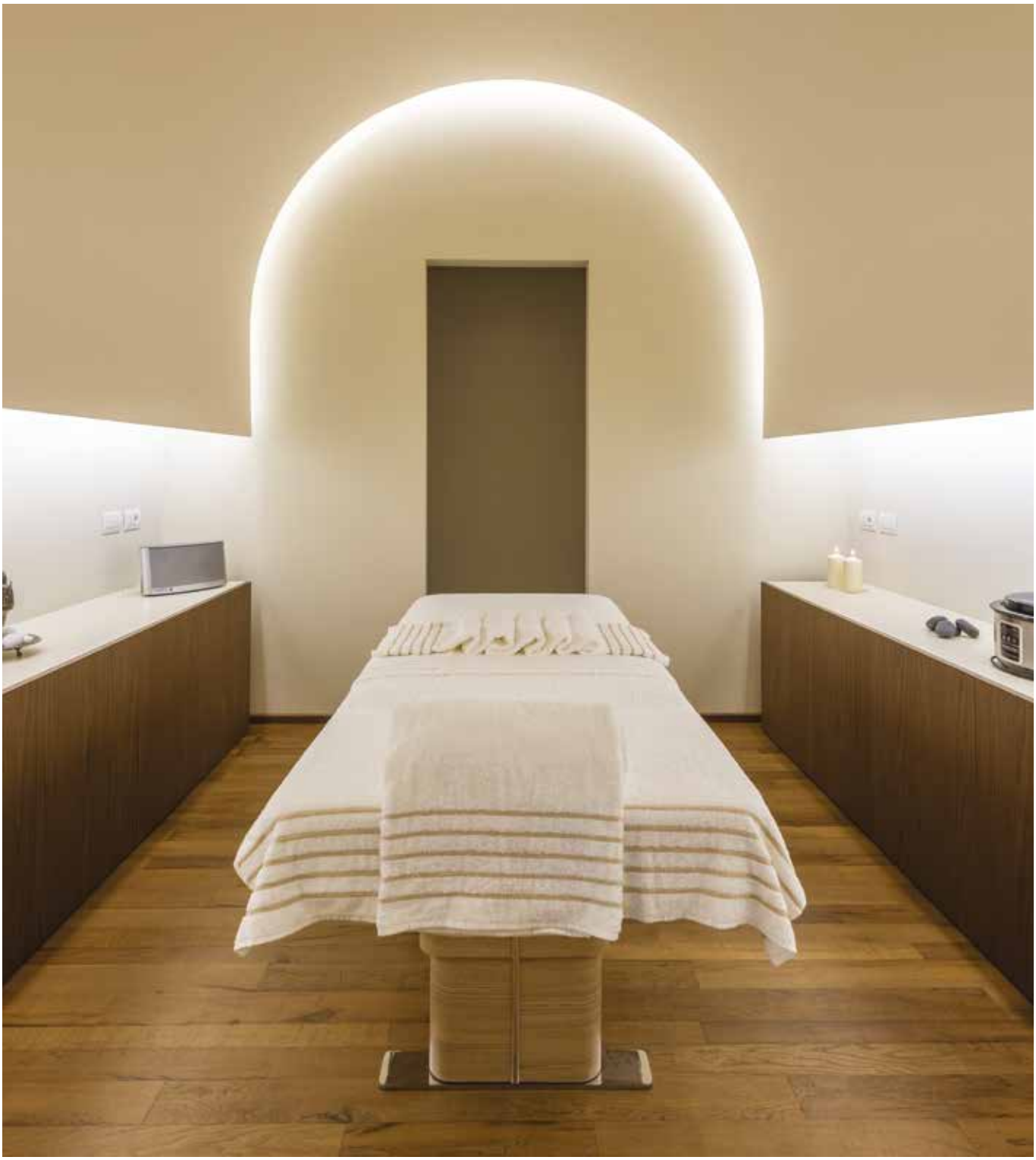
FIXED



VENUS

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



MASSAGE LOUNGERS

FOLDABLE



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	AFCFLEX3/B
Latte Comfortflex	AFCFLEX3/L



DELUXE

ASTRALPOOL

- 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	AFDLX2/B
Purple Deluxe	AFDLX2/P



MARLIN

ASTRALPOOL

- 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	AFALU4/W
Navy Marlin	AFALU4/N

MASSAGE LOUNGERS

FOLDABLE

COMPARISON OF MODELS

ASTRALPOOL

TECHNICAL FEATURES

	AFCFLEX3/B	AFCFLEX3/L	ADLX2/B	ADLX2/P	AFALU4/W	AFALU4/N
Height adjustment	26" - 32" (66cm 81cm)		26" - 32" (66cm 81cm)		32.5" (62cm 82.5cm)	
Weight	16kgs		16kgs		25" - 14.4kg	28" - 16.5kg
Dimensions	Unfolded: L: 73" (185cm), W: 27" (68cm)		Unfolded: L: 73" (185cm), W: 27" (68cm)		Length 73" (185cm), Anchi 25" (63cm)/ Width 28" (71.2cm)	
Materials	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 ".	
Weight capacity	450lbs / 205kgs / 32 stones		450lbs / 205kgs / 32 stones		450lbs / 205kgs / 32 stones	
Warranty	2 years		2 years		2 years	
Cradle / Towel port holes	Both end		Both end		Both end	
Armrest	Included		Included		-	
Headrest	Included		Included		-	
Case	Included		Included		Included	
Color	BEIGE	CAFÉLATTE	BEIGE	PURPLE	WHITE	NAVY
Shipping measures (approx)	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	



RELAX LOUNGERS

+ AstralPool's relaxation loungers are designed to transform every wellness space into an experience of absolute comfort and well-being. Their ergonomic design invites deep relaxation, while the high-quality materials guarantee durability, easy maintenance and perfect aesthetic integration. Designed for professional use, they offer the end customer superior relaxation and the operator a practical and durable solution.

- Ergonomic comfort: design that promotes maximum relaxation.
- Easy maintenance: resistant surfaces that are easy to clean.
- Professional use: designed for demanding environments.
- Aesthetic integration: styles that harmonise with any wellness area.
- Sustainable durability: robust materials with a long-term vision.



RELAX LOUNGERS



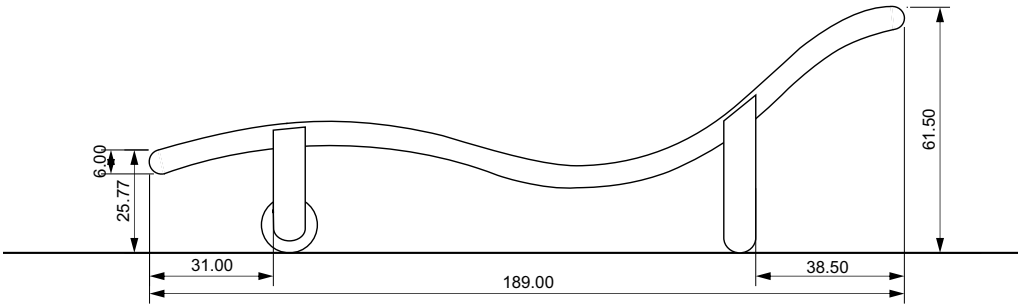
SPÆCIAL RELAX LOUNGER

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	44421
Mattress For Spæcial Relax Lounger	44422





RELAX LOUNGERS



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%.

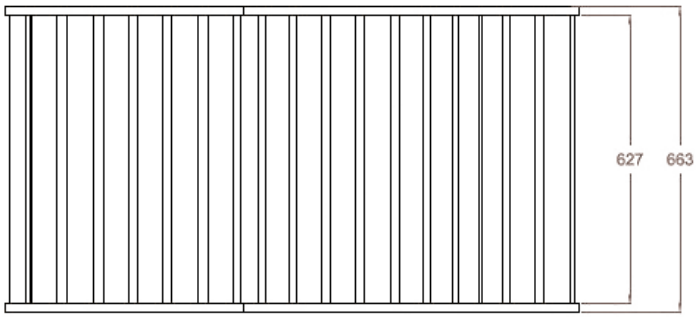
Characteristics

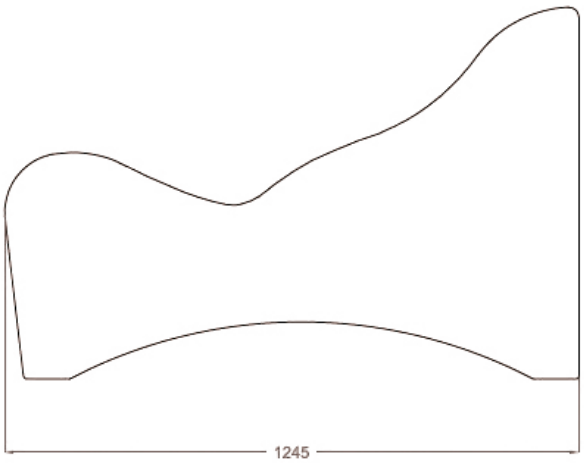
- Dimensions (mm): 1245 x 806 x 663.
- Infrared lamp:
  – 3 lampholders.
  - Model: PAR 38 IR Red 100W / (5000h).
  - Stop - start switch.
  - 3 protective glass for the lamps.
  - 1.5m connection cable with grounded plug.
- Connection: 230 V I + Neutro.

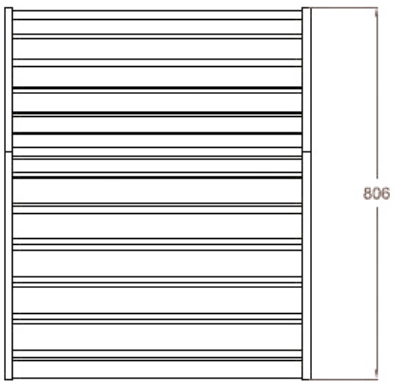
Optionals under request:

- Timer for infrared sunbed.
- Manual reclining system.
- Electric reclining system.
- Cervical cushion.

	Code
Calm - Relax Chair With Infrared Lamps	73901







RELAX LOUNGERS



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%.

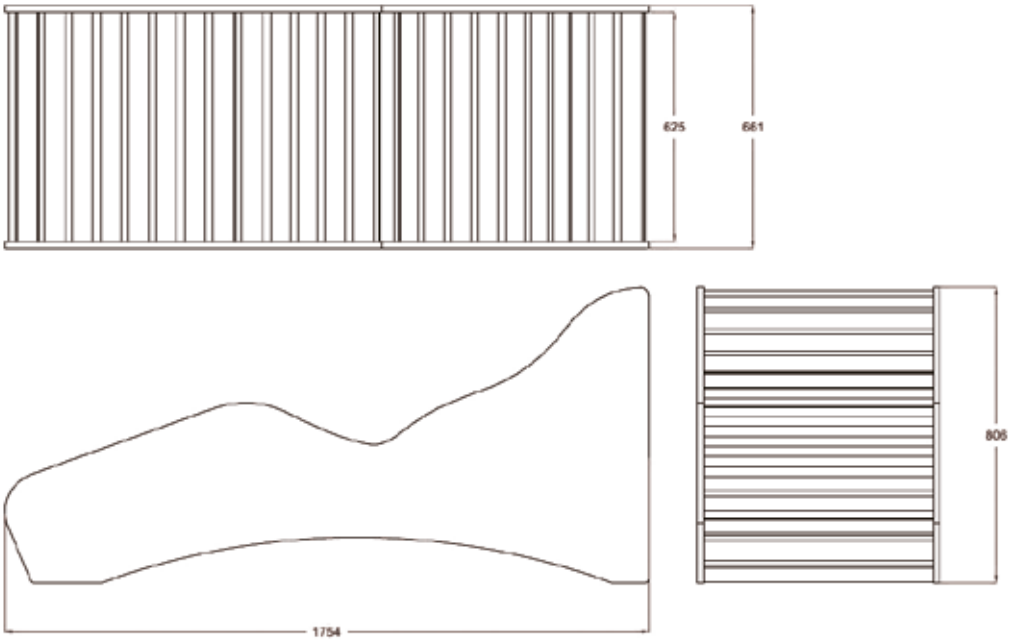
Characteristics

- 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







FOUNTAINS

FLUIDRA



ASTRALPOOL



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**..

ASTRALPOOL





PROJECTS 523

PRODUCTS 547



PROJECTS

524 Font dels Colors – Andorra la Vella, Andorra
524 Astana Central Mosque – Astana, Kazakhstan
525 Vladivostok Central Square – Vladivostok, Russia
525 Boulevard Turkistan – Turkistan, Kazakhstan
526 Cascade Pushkin street – Almaty, Kazakhstan
526 Nazarbayev Square - Nur Sultan, Kazakshtan
527 Omarova Street Fountains - Nur Sultan, Kazakhstan
527 Swissotel Fountain - Alatau, Kazakhstan
528 1000 Jets Fountain complex - Almaty, Kazakhstan
528 Glala – New Galala City, Egypt
529 Mivida – New cairo, Egypt
529 Gia Tower Waterfall – Phnom Penh, Cambodia
530 Gia Tower Funsquare – Phnom Penh, Cambodia
530 Litiy Square – Bryansk, Russia
531 Boat Fountain – Shelekhov, Russia
531 Raffles City Funsquare – Chongqing, China
532 Fluidra 50th Anniversary – Barcelona, Spain
532 Turkistan I City Hall – Turkistan, Kazakhstan
533 Funsquare in Lodz – Lodz, Poland
533 Viggiano – Viggiano, Italy
534 Great Exhibition of the North – Newcastle, United Kingdom
534 Kashirskaya – Mocow, Russia
535 Vadi Istanbul – Istanbul, Turkey
535 Nou Barris Central Park – Barcelona, Spain
536 The Harbor Merida – Merida, Mexico
536 Nazarbaev Street Funsquare – Almaty, Kazakhstan
537 Boscolo Airone Hotel – Venice, Italy
537 Almaty Shell Fountains – Almaty, Kazakhstan
538 Astana Expo 2017 – Astana, Kazakhstan
539 Gravellona Toce – Verbano-Cusio-Ossola, Italy
539 Mega Silk Way – Astana, Kazakhstan
540 Planet Hollywood Hotel – Cancún, Mexico
540 The Style Outlets Funsquare – Viladecans, Spain
541 Taman Anggrek Funsquare – Jakarta, Indonesia
541 Catalonia Square Fountains – Barcelona, Spain
542 Radisson Resort Zavidovo – Zavidovo, Russia
542 Moremall Fountain – Sochi, Russia
543 Constitution Square – Lleida, Spain
543 Timisoara Sunsquare – Timisoara, Romania
544 Baku Geyser (140 m) – Baku, Azerbaijan
544 Shamkir Park – Shamikir, Azerbaijan
545 Madrid Rio Fountains – Madrid, Spain
545 Magic Fountain of Montjuïc – Barcelona, Spain

FONT DELS COLORS – ANDORRA LA VELLA, ANDORRA









ASTANA CENTRAL MOSQUE – ASTANA, KAZAKHSTAN





VLADIVOSTOK CENTRAL SQUARE – VLADIVOSTOK, RUSSIA









BOULEVARD TURKISTAN – TURKISTAN, KAZAKHSTAN







CASCADE PUSHKIN STREET – ALMATY, KAZAKHSTAN







NAZARBAYEV SQUARE – NUR SULTAN, KAZAKSHTAN







OMAROVA STREET FOUNTAINS – NUR SULTAN, KAZAKHSTAN

ASTRALPOOL







SWISSOTEL FOUNTAIN – ALATAU, KAZAKHSTAN

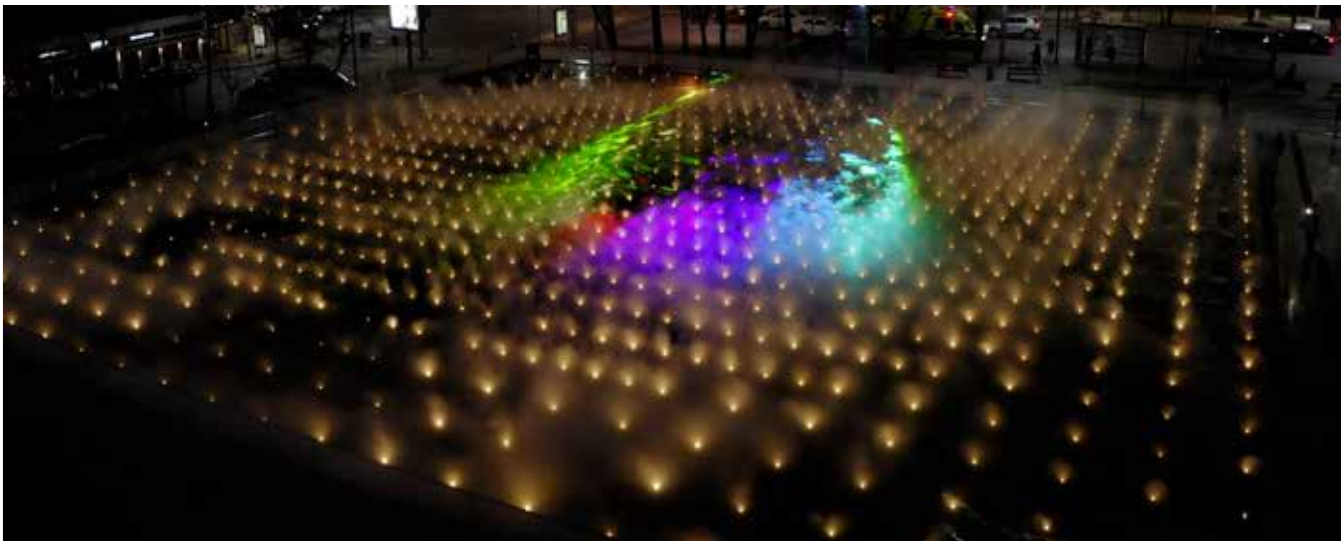
ASTRALPOOL







1000 JETS FOUNTAIN COMPLEX – ALMATY, KAZAKHSTAN







GLALA – NEW GALALA CITY, EGYPT







MIVIDA – NEW CAIRO, EGYPT







GIA TOWER WATERFALL – PHNOM PENH, CAMBODIA













GIA TOWER FUNSQUARE – PHNOM PENH, CAMBODIA







LITIY SQUARE – BRYANSK, RUSSIA







BOAT FOUNTAIN – SHELEKHOV, RUSSIA

ASTRALPOOL





RAFFLES CITY FUNSQUARE – CHONGQING, CHINA

ASTRALPOOL







FLUIDRA 50TH ANNIVERSARY – BARCELONA, SPAIN







TURKISTAN I CITY HALL – TURKISTAN, KAZAKHSTAN









FUNSQUARE IN LODZ – LODZ, POLAND







VIGGIANO – VIGGIANO, ITALY









GREAT EXHIBITION OF THE NORTH – NEWCASTLE, UNITED KINGDOM







KASHIRSKAYA – MOCOW, RUSSIA







VADI ISTANBUL – ISTANBUL, TURKEY









NOU BARRIS CENTRAL PARK – BARCELONA, SPAIN









THE HARBOR MERIDA – MERIDA, MEXICO







NAZARBAEV STREET FUNSQUARE – ALMATY, KAZAKHSTAN







BOSCOLO AIRONE HOTEL – VENICE, ITALY







ALMATY SHELL FOUNTAINS – ALMATY, KAZAKHSTAN

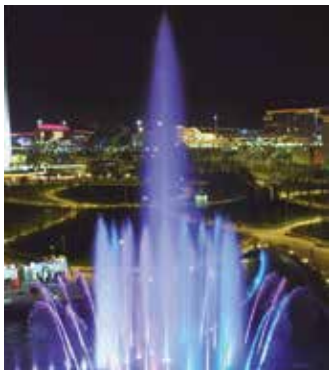


ASTANA EXPO 2017 – ASTANA, KAZAKHSTAN



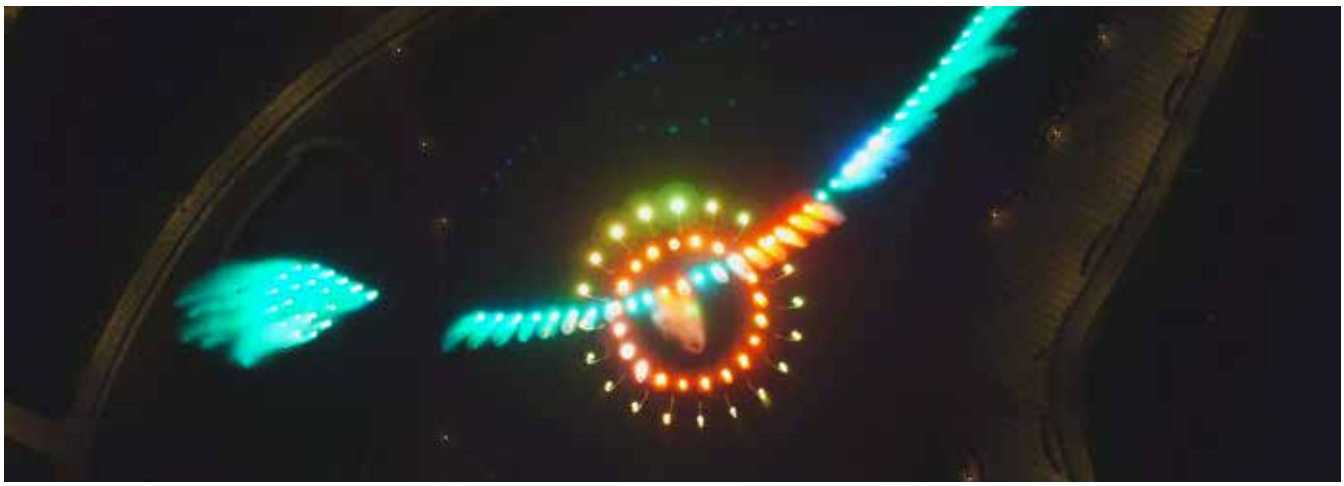












GRAVELLONA TOCE – VERBANO-CUSIO-OSSOLA, ITALY

ASTRALPOOL







MEGA SILK WAY – ASTANA, KAZAKHSTAN

ASTRALPOOL







PLANET HOLLYWOOD HOTEL – CANCÚN, MEXICO







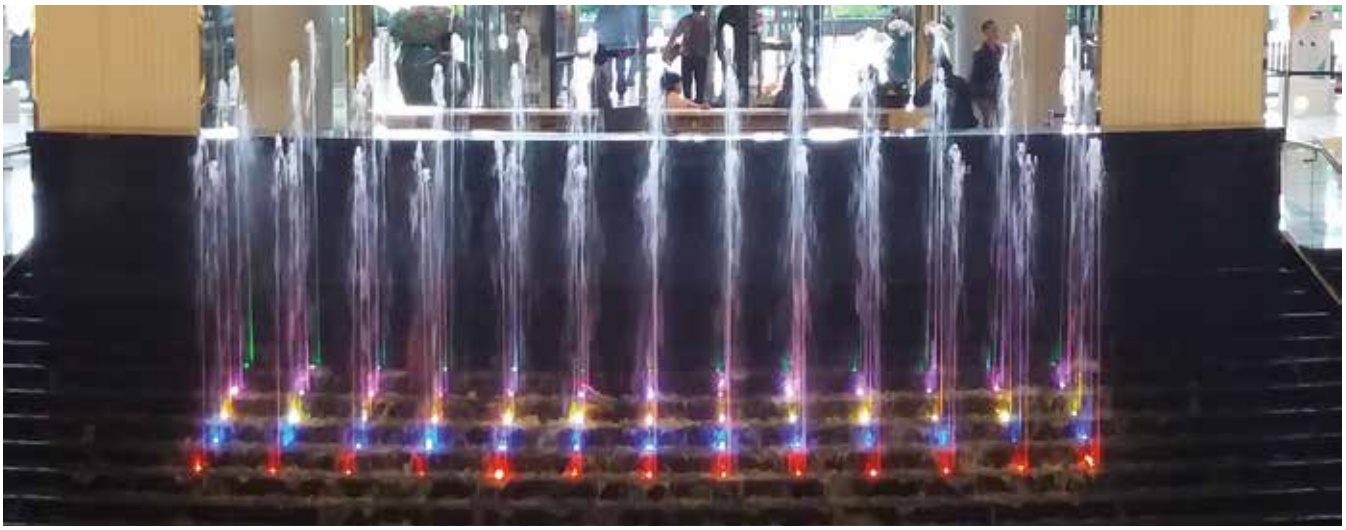
THE STYLE OUTLETS FUNSQUARE – VILADECANS, SPAIN







TAMAN ANGGREK FUNSQUARE – JAKARTA, INDONESIA







CATALONIA SQUARE FOUNTAINS – BARCELONA, SPAIN













RADISSON RESORT ZAVIDOVO – ZAVIDOVO, RUSSIA







MOREMALL FOUNTAIN – SOCHI, RUSSIA





CONSTITUTION SQUARE – LLEIDA, SPAIN







TIMISOARA SUNSQUARE – TIMISOARA, ROMANIA









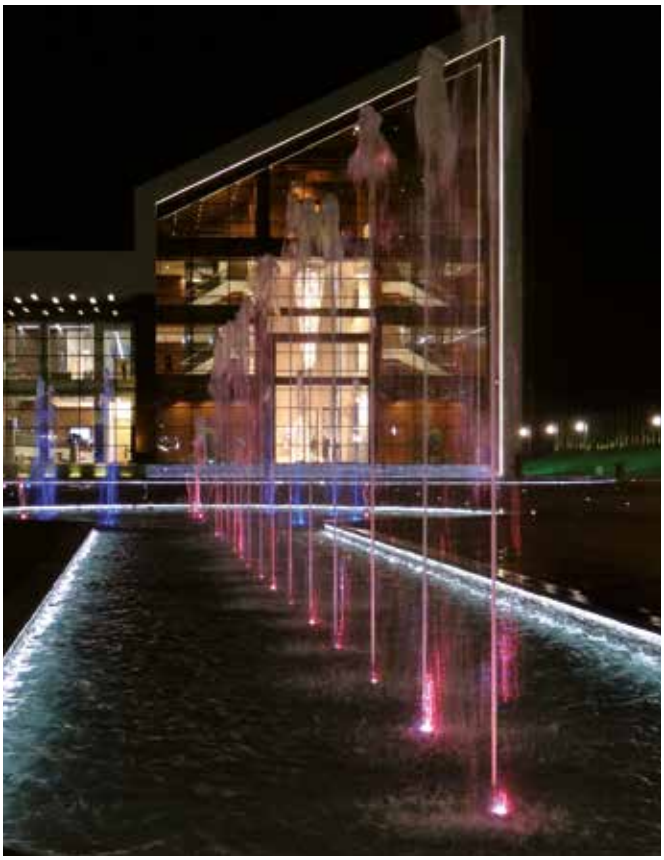
BAKU GEYSER (140 M) – BAKU, AZERBAIJAN







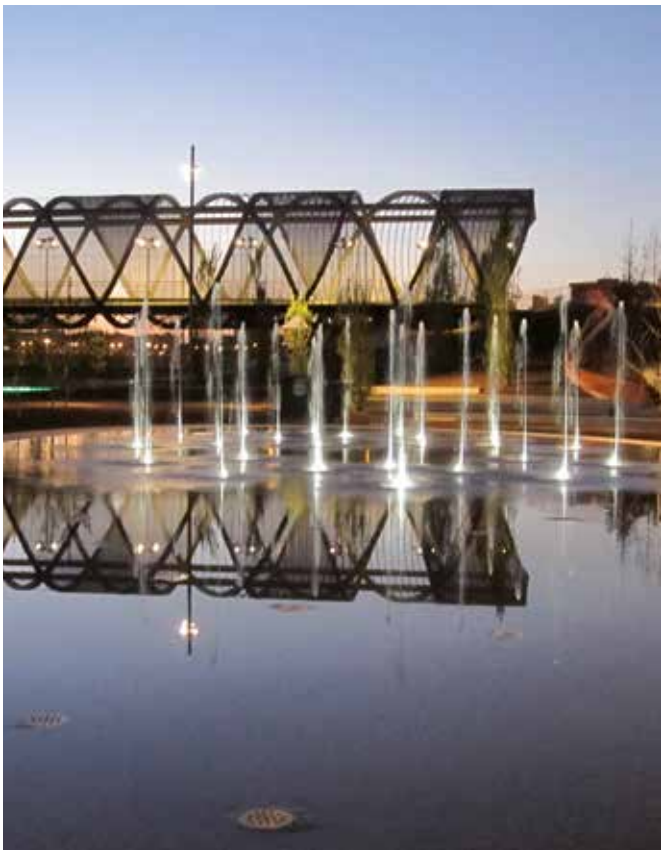
SHAMKIR PARK – SHAMIKIR, AZERBAIJAN





MADRID RIO FOUNTAINS – MADRID, SPAIN





MAGIC FOUNTAIN OF MONTJUÏC – BARCELONA, SPAIN





FOUNTAINS

PRODUCTS

548 NOZZLES
548 Spear nozzle
549 Big spear nozzle
550 Fan jet nozzle
551 Cascade Nozzle
552 Foamy nozzle
553 TFE nozzle
554 Fog Nozzle
555 Vulcano nozzle
556 Mushroom nozzle
557 Callyx nozzle
558 Fleur de Lis
559 Bouquet nozzle
560 Rotating nozzle

561 JETS
561 Dancer jet
562 Dancer nozzle
563 Swing Dancer jet
564 Swing Z Dancer jet
565 Swap jet
566 Digital Curtain
567 Water Curtain
567 Water Curtain with linear Led
568 Mesh Curtain
569 Water Screen
570 Waterfall
571 Jet Cosmos
572 Glassy jet
573 Glassy jet with jumping effect
574 Switch L system
575 Switch S System
577 Rocket jet
578 Rocket Horizontal jet

579 FOUNTAIN PUMPS
579 Submersible Pump DF
580 DMX Pump S
581 DMX Pump L

583 ILLUMINATION
583 Comi Led (S)
584 Comi Led (M)
585 Comi Led (L)
586 Recessed Mini Projector
587 Nano projector
588 Mini / Mini + Projector
589 Circular Ø200
590 Circular Ø350
591 Adjustable linear projector
592 DMX Driver power supply
592 DMX Driver ONLED external power supply
593 ONDMX Touchscreen
594 ONDMX Touchscreen Pro
595 Power Supply
595 Safety Transformers
596 V:Nano
597 V:Server3 Touch

598 FLOATING FOUNTAINS
598 Aquaforte floating fountains
598 Aquaforte timer/controller
599 EJ series fountains
600 Premium nozzles
601 EVFX fountains
601 Aquaticlear™

602 COMPLEMENTARY PRODUCTS
602 Level Control System
603 Wind Control System
604 Swivel
605 Cable inlet fitting
607 Pressure Holding Valve
608 Prefilter LFS
608 Waterproof Junction SS D20 / D14
609 Underwater connector IP68 4 core
609 Overflow
610 Floor drain
611 Junction boxes
612 Cable Inlet Fitting Box
613 LF Filters
614 HFL Filters

ASTRALPOOL

CEPEX

NOZZLES



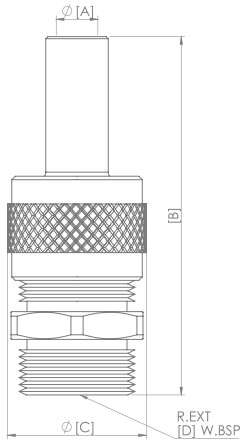
SPEAR NOZZLE

ASTRALPOOL

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.

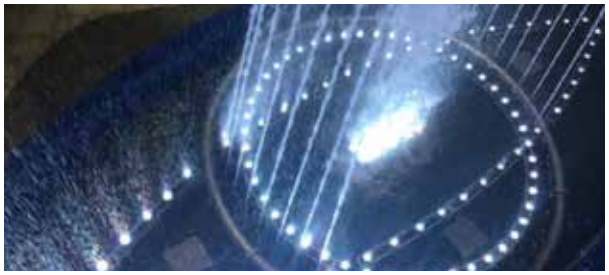
It has an 20° adjustable joint to correct the jet outlet in case of misalignment of manifolds or pipes, or to create parabolas without additional accessories.



Jet Ø (A)	Inlet	Code
Spear nozzle		
Ø 4 mm	G 3/8" M	67496
Ø 6 mm	G 3/8" M	66639
Ø 8 mm	G ½" M	66640
Ø 10 mm	G ½" M	66641
Ø 12 mm	G 1" M	66642
Ø 14 mm	G 1" M	66643
Ø 16 mm	G 1 ½" M	66644
Ø 20 mm	G 1 ½" 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 ½" M		G ½" M		G 1" M		G 1" M		G 1-½" M		G 1-½" 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 ØCxB	Ø21x52 mm		Ø21x52 mm		Ø24x76 mm		Ø24x76 mm		Ø36x111 mm		Ø36x111 mm		Ø61x167 mm		Ø61x167 mm	
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m
0.5	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
0.75	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
1	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
1.25	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
1.5	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
1.75	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
2	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
2.5	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
3	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
3.5	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
4	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
5					35	6.1	54.8	7.1	75.1	6.2	107	6.6	138	6	197	6.4
6							60.4	8.6	83.9	7.5	118	7.9	150	7.5	217	7.6
7									91.7	8.6	129	9.3	164	8.5	238	8.9
8									98.2	9.8	139	10.5	176	9.6	257	10.2
9											149	11.8	187	11.2	274	11.3
10											156	13.1	198	12.5	290	12.6
11													208	13.8	306	13.9
12													216	14.6	322	15.1
14															348	17.6





NOZZLES



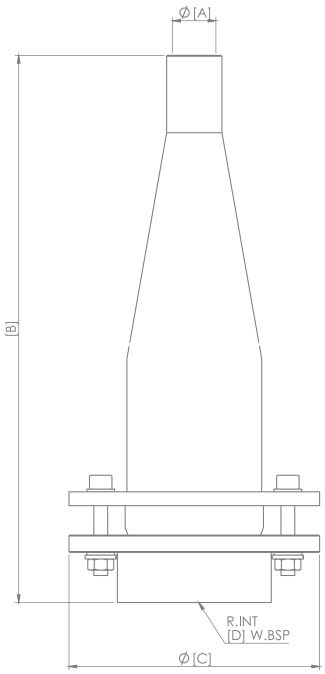
BIG SPEAR NOZZLE

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
Big Spear nozzle		
Ø 25 mm	G 2-½" F	66646
Ø 38 mm	G 4" F	66647



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	
Jet height [m]	l/min	m	l/min	m
10	440	13.5	895	13
12.5	485	17	990	16.5
15	550	20	1110	19.5
20	615	27.5	1300	26
25	680	34	1440	32
30	760	42	1625	39
35	810	48	1760	46
40	865	55	1850	52
50	970	65	2080	65





NOZZLES



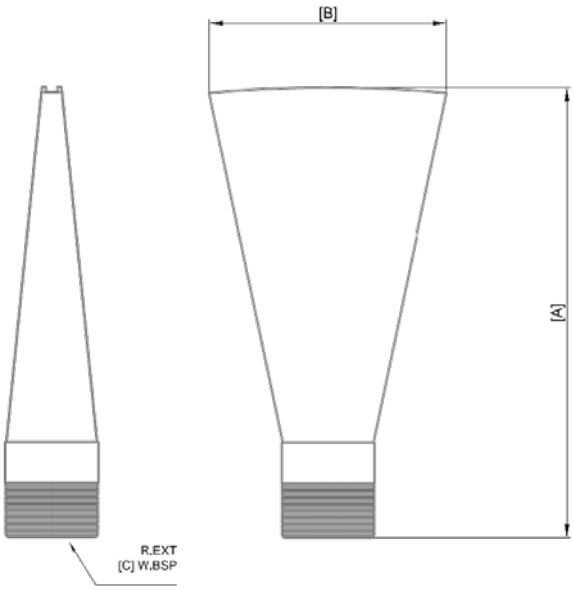
FAN JET NOZZLE

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
Fan Jet nozzle		
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	
Jet height [m]	l/min	m	l/min	m
0.25	59	0.4	87	0.4
0.5	78	0.6	120	0.8
0.75	90	1	145	1.2
1	107	1.2	165	1.6
1.5	131	1.8	208	2.4
2	160	2.5	241	3.2
Jet LxH 45º [m]	l/min	m	l/min	m
0,5 x 0,1	65	0.4	74	0.4
0,75 x 0,15	89	0.8	92	0.6
1 x 0,2	103	1	115	0.8
1,5 x 0,3	130	1.2	142	1.2
2 x 0,4	156	2.3	174	1.5
2,5 x 0,6	190	3.5	200	1.8



NOZZLES



CAN BE USED WITH THE SWIVELS ON PAGE 604

CASCADE NOZZLE

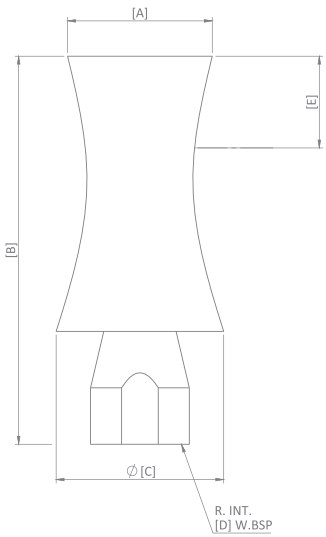
ASTRALPOOL

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
Cascade nozzle		
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	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
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

FOAMY NOZZLE

ASTRALPOOL



66689-76242-76244



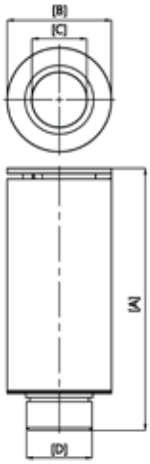
71335

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.

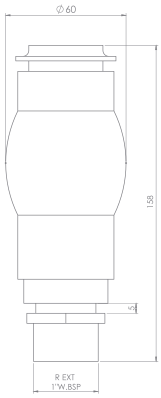
Furthermore, it contributes to an oxygen enrichment of the water.

They are made entirely of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
Foamy nozzle		
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	
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m
0.5	56	2.1	130	1.2	239	1.0	44	0.9
1	80	3.4	187	2.2	310	2.0	59	1.3
1.5	96	4.6	220	3.3	374	3.1	68	1.9
2	108	5.4	245	4.1	427	4.3	76	2.5
2.5	118	6.6	272	5.2	483	5.4	93	3.9
3			290	6.3	526	6.4	107	5
3.5			312	7.2	571	7.5	121	6.4
4			340	8.2	611	8.6	132	7.8
4.5			370	9.0	648	9.6	142	8.7
5			386	10.1	684	10.7		
6			420	12.1	749	12.9		
7					810	14.7		
8					895	16.5		





NOZZLES

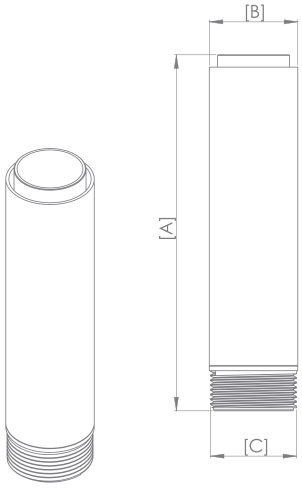


TFE NOZZLE

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
TFE nozzle		
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	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
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.

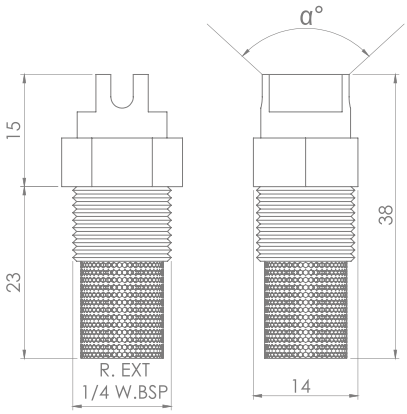
Jet Ø (A)	Inlet	Code
Fog nozzle		
Ø 1.4 mm	G ¼" M	66697
Ø 1.4 mm	G ¼" M	70668

TECHNICAL FEATURES

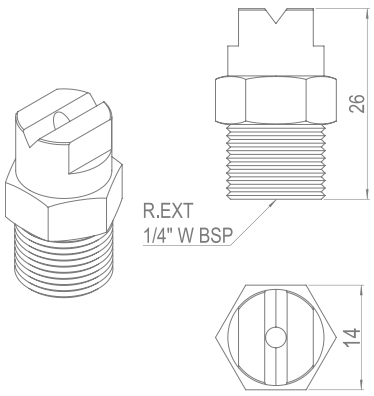
Nozzle	FOG WIDE NOZZLE	
Code	66697	
Inlet	G ¼" M	
Jet diameter	Ø 1.4 mm	
Dimensions AxB	38x14 mm	
Angle	**l/min**	**m**
68	0.72	4
76	0.95	7
84	1.4	15
90	1.6	20
95	2	30
98	2.3	40
102	2.8	60

TECHNICAL FEATURES

Nozzle	FOG NARROW NOZZLE	
Code	70668	
Inlet	G ¼" M	
Jet diameter	Ø 1.4 mm	
Dimensions AxB	26x14 mm	
Angle	**l/min**	**m**
10	5.3	14
15	7.6	28
19	10.6	55
23	17	138



FOG WIDE NOZZLE



FOG NARROW NOZZLE



NOZZLES

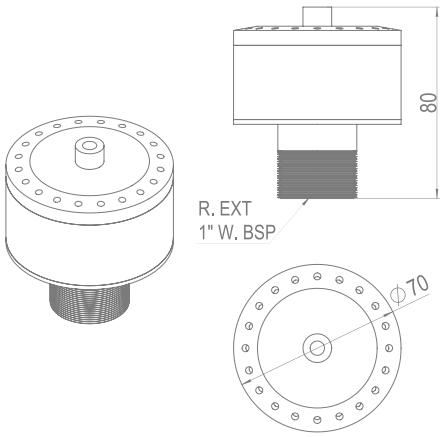


VULCANO NOZZLE

Volcano 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

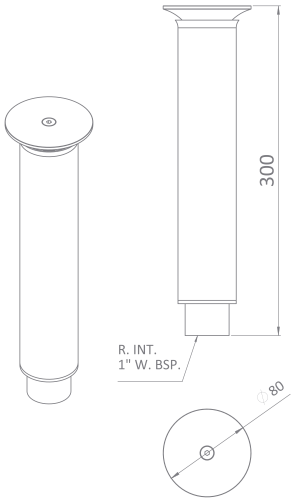


MUSHROOM NOZZLE

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



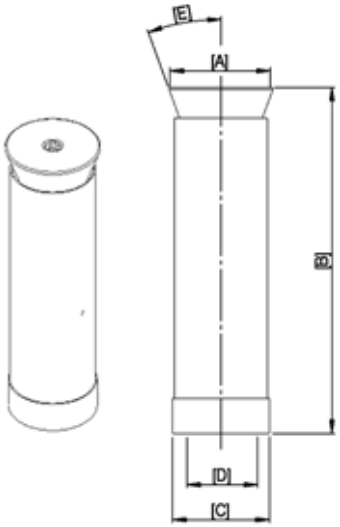
CALLYX NOZZLE

ASTRALPOOL

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
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



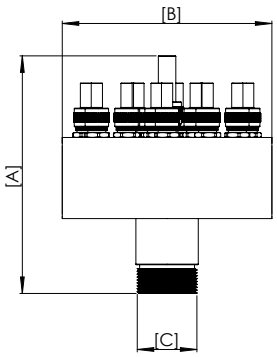
FLEUR DE LIS

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
Fleur de Lis		
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

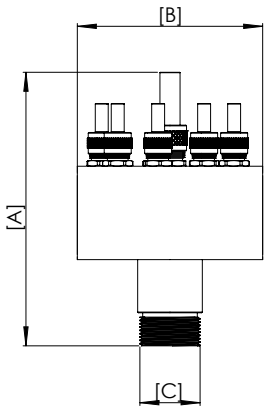


BOUQUET NOZZLE

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
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



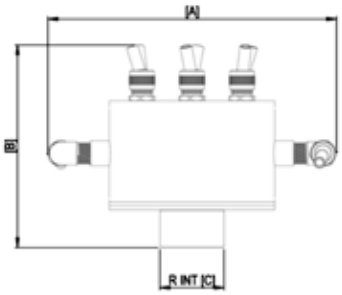
ROTATING NOZZLE

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
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	
Jet height [m]	**Q (l/min)**	**H (m)**	**Q (l/min)**	**H (m)**	**Q (l/min)**	**H (m)**	**Q (l/min)**	**H (m)**
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

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.

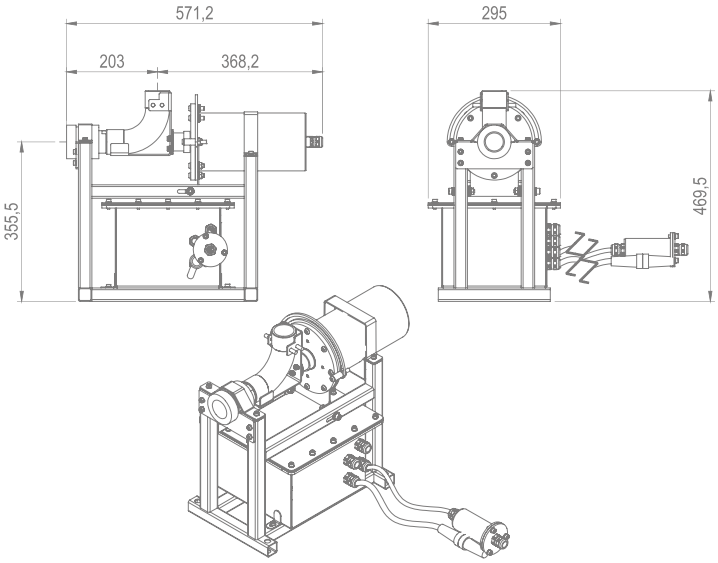
	Code
Dancer jet	67652

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	1-½" 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





JETS

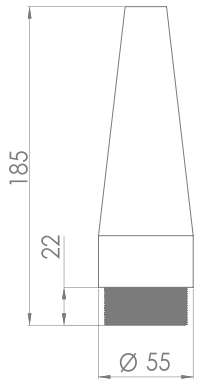


DANCER NOZZLE

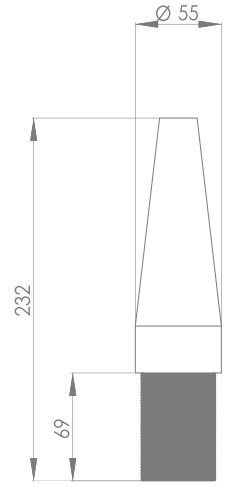
Dancer Nozzle is an ideal nozzle to combine with Dancer Jet and Swing Dancer Jet equipment. Its versatility in the lengths of thread allows to adapt to different types of lighting.

They are entirely made of nickeled 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
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

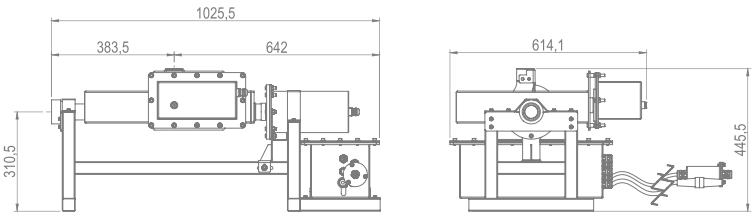
The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

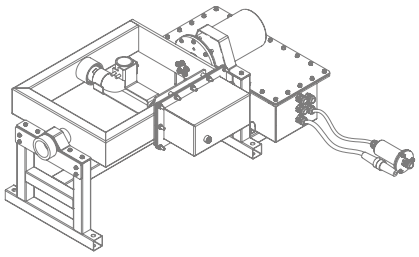
The multidirectional spout generates unique movements that create numerous shapes and figures. The jet can be programmed to go faster or slower so that it appears to dance on the water in dynamic, elegant movements.

	Code
Swing dancer jet	72266

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 stainlees steel
Weight [kg]	55
Dynamic jet height	With standal pump and frequency inverter
Protecction level	IP 68





JETS



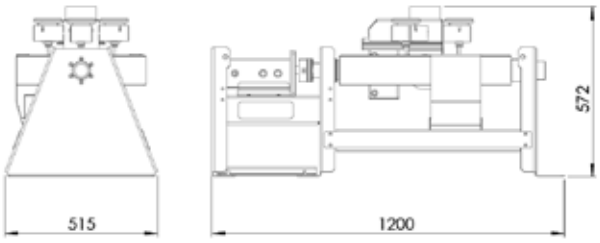
SWING Z DANCER JET

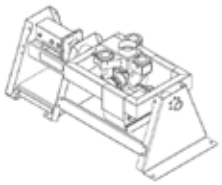
The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

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 ½" G
Water outlet connection	1 ½" 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



JETS



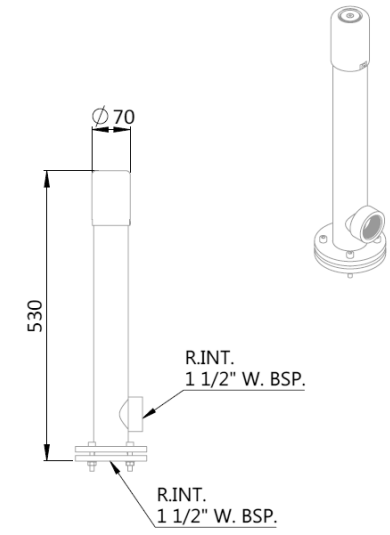
SWAP JET

The Swap Jet is a dynamic nozzle that changes the height and shape of the water, from a semi-sphere to a vertical jet, producing a surprising and innovative effect in any type of ornamental fountain.

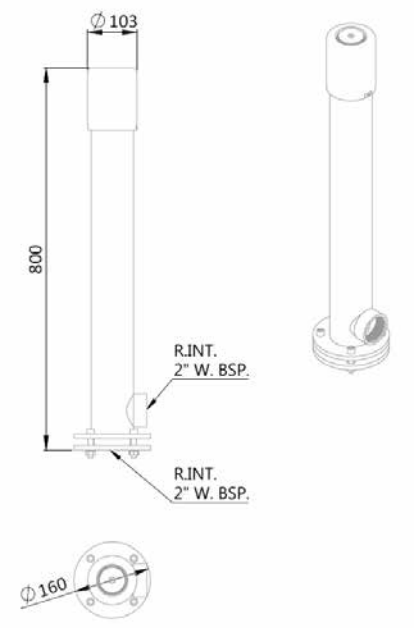
The jet requires the installation of two pumps with individual flow control. (Pumps not included)

It is entirely made of AISI 316 stainless steel, which provides great sturdiness and resistance to oxidation, and gives the fountain a more elegant finish.

	Code
Swap Jet 130	66845
Swap Jet 160	66846



Swap Jet 130



Swap Jet 160

TECHNICAL FEATURES

Jet	SWAP JET 130	SWAP JET 160
Code	66845	66846
Dimensions (L x W x H) [mm]	130 x 130 x 530	160 x 160 x 800
Water inlet connection	2 x 1 ½" G	2 x 2 " G
Maximum flow rate [l/min]	350 (175 x 2)	500 (250 x 2)
Pressure (max.) [bar]	15	20
Maximum jet height [m]	5	9
Maximum water depth [mm]	430	700
Material	AISI-316	AISI-316
Weight [Kg]	6,8	14
Control	With two individual pumps and a variable frequency drive (pumps not included).	With two individual pumps and a variable frequency drive (pumps not included).

JETS



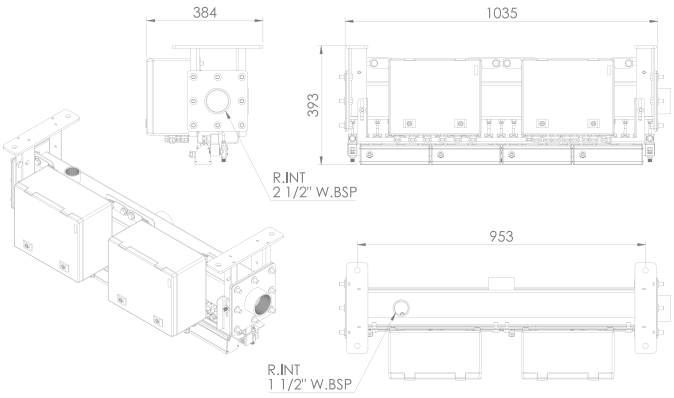
DIGITAL CURTAIN

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^3/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

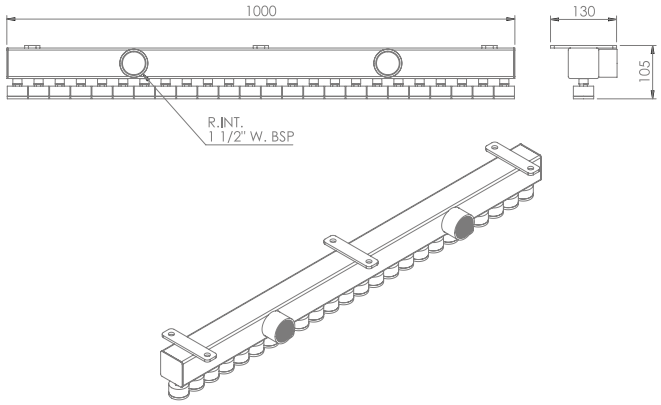


* Product Upon Request

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 [m³/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

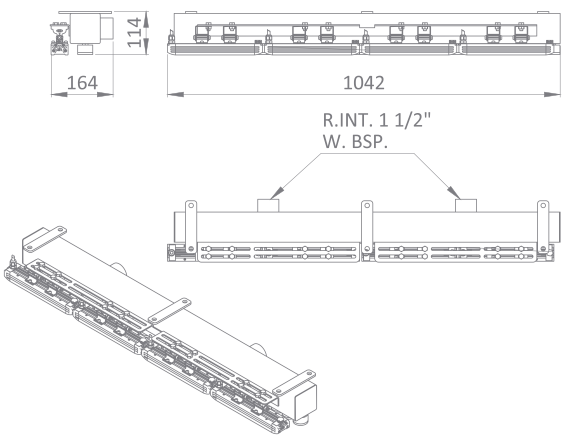


This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images.

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 [m³/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 [(m³/h)/m]	100 l/min
Material	AISI 316 stainless steel
Weight [kg]	Depends on the project







JETS



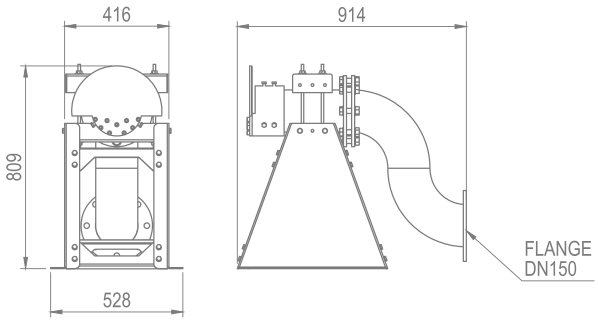
WATER SCREEN

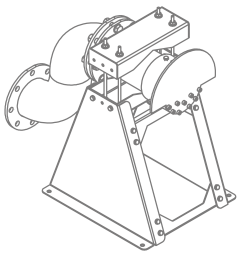
ASTRALPOOL

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^3/h]	110 - 260
Pressure range [bar]	6 - 12
Maximum water depth [mm]	530
Material	Stainless steel 316
Weight [kg]	94





JETS



WATERFALL

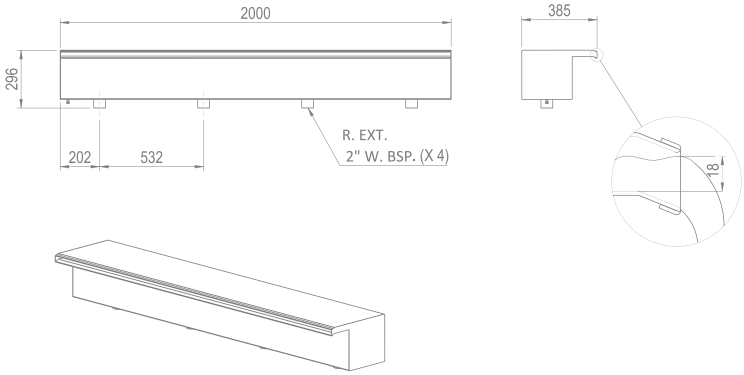
This ornamental feature produces a continuous waterfall. As a result, it makes the gentle, calming sound of the waves on the beach. It can be installed both indoors and outdoors.

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 [(m³/h)/m]	12.5 (e=15mm)
Maximum flow [(m³/h)/m]	30
Material	AISI 316 stainless steel
Weight [kg]	25





JETS



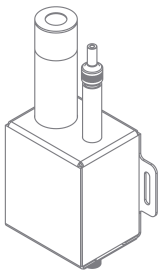
JET COSMOS

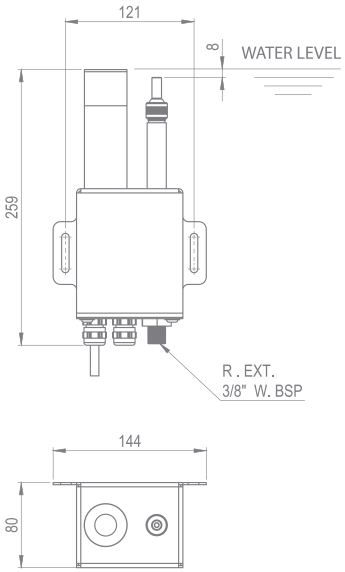
Cosmos produces a sequence of perfect spherical water droplets that float in the air and shoots the water up and down. These movements emulate cosmic water particles that act randomly.

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.

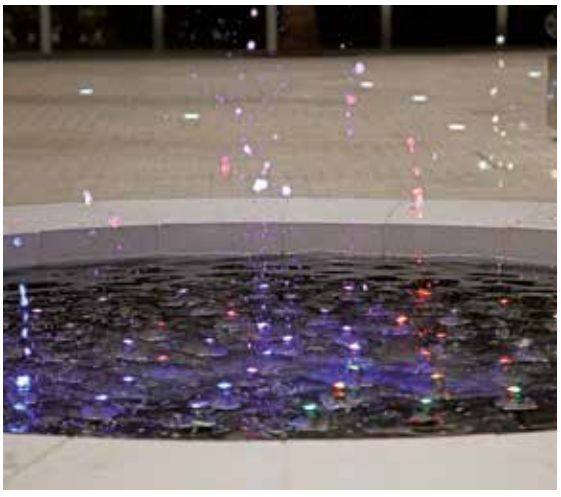
	Code
Jet Cosmos	66553

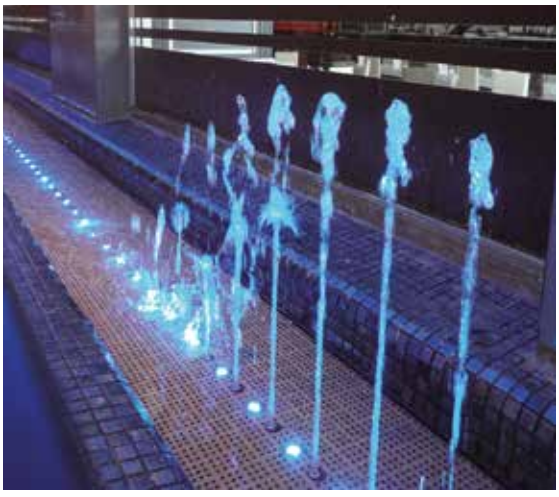




TECHNICAL FEATURES

Jet	COSMOS
Code	66553
Dimensions (L x W x H) [mm]	144 x 80 x 259
Light type	RGBW - DMX
Light nominal voltage [V]	24 VDC
Cosmos nominal voltage [V]	24 VDC
Power (Light) [W]	3.3
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 (4 channels)
Material	AISI 316 stainless steel / Brass / Other
Weight [kg]	2
Protection rating	IP 68





JETS

GLASSY JET

ASTRALPOOL

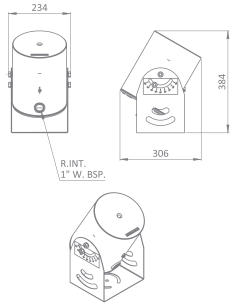


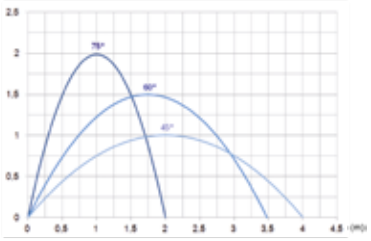
Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

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.

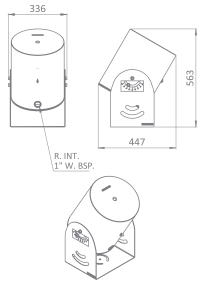
There is also the Jumping effect option, which throws small streams of water across the parabolic path.

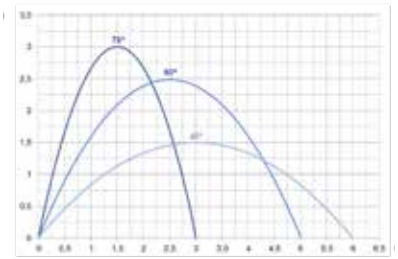
Light type	Voltage [V]	Code
Glassy jet		
RGB - DMX	24 VDC	66559
RGB	24 VDC	66559RGB
RGB - DMX	24 VAC	66561





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	RGBW - DMX	RGB	RGBW - DMX
Light nominal voltage [V]	24 VDC	12 VAC	24 VDC
Power (Light) [W]	4.5	4.5	4.5
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 (4 channel)	-	DMX (4 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) [m^3/h]	2	2	4.2
Pressure (max. parabola) [bar]	0.4	0.4	0.6
Hydrualic operation	130 microns filtered water	130 microns filtered water	130 microns filtered water





JETS

GLASSY JET with jumping effect

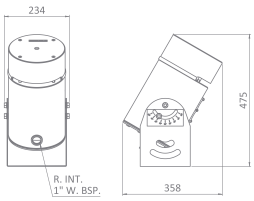


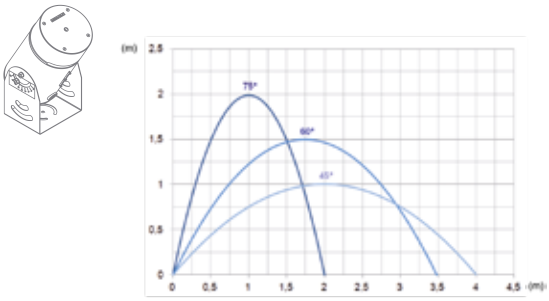
Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

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.

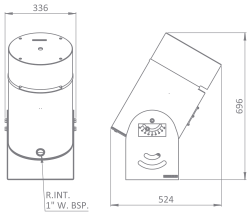
There is also the Jumping effect option, which throws small streams of water across the parabolic path.

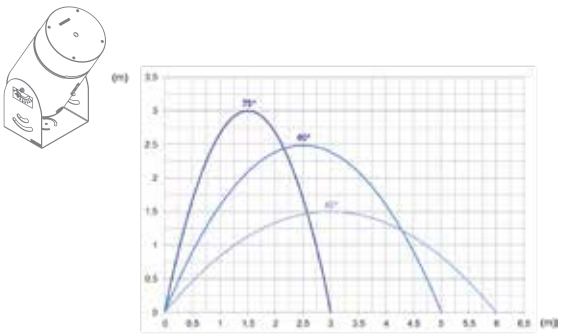
	Code
Glassy jet S with jumping effect	66560
Glassy jet L with jumping effect	66562





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	RGBW - DMX	RGBW - 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]	4,5	4,5
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 (4 channels)	DMX (4 channels)
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) [m^3/h]	2	4.2
Pressure (max. parabola) [bar]	0.4	0.6
Hydrualic operation	130 microns filtered water	130 microns filtered water





JETS

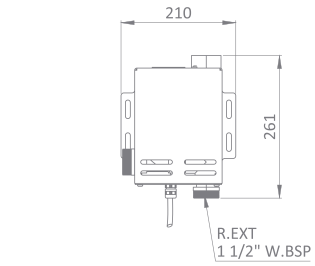
SWITCH L SYSTEM



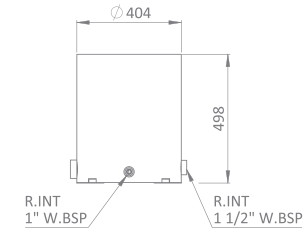
Switch System is a dynamic jet ideal for interactive fountains such as Funsquare type, to produce fast water games with individual control for each installed jet. The design of this jet allows state changes without water hammer in the installation.

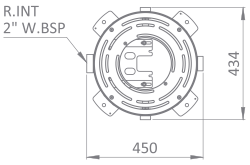
For dry fountains there is the option of the Switch System with 316 stainless steel niche and integrated led RGBW-DMX projectors..

	Code
Switch L System	66570
Switch L Niche	66572



66570





66572

TECHNICAL FEATURES

Jet	SWITCH L SYSTEM
Code	66570
Dimensions (LxWxH) [mm]	210 x 120 x 261
Nominal Voltage [V]	24 VDC
Power [W]	25
Nomial Current [A]	1.1
Water connections	1-½" G
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

TECHNICAL FEATURES

Jet	SWITCH L NICHE
Code	66572
Dimensions (L x W x H) [mm]	450 x 435 x 500
Material	Stainless steel 316
Weight [kg]	19
Water connections	1 x 1-½", 1 x 2"
Connections for wiring	2 x 1"





JETS



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
16W	73360
6W	73357
16W	73361
3W	73351
16W	73355
6W	73352
16W	73356

TECHNICAL FEATURES

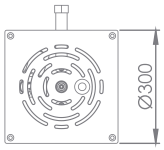
Jet	Switch System	
Dimensions [mm] (see drawings on next page)	300 x 300 x 371 / D.400 x 371	
Nominal Voltage [V]	24 VDC	
Power (without LED) [W]	25	
EV Nominal Current [A]	1.1	
Lighting Control	DMX	
Water connections	1" G	
Jet diameter [mm]	12	
Material	Stainless steel 316 / Brass	
Protection class	IP 68	
Hydraulic requirements	130 microns filtered water	
JET HEIGHT [m]	**l/min**	**m**
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

JETS

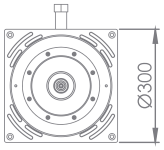


SWITCH S SYSTEM

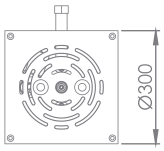
ASTRALPOOL



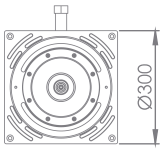
66569



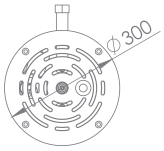
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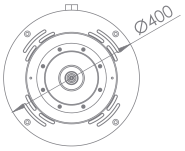
77357



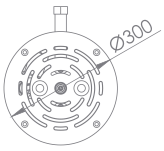
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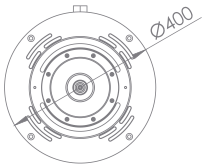
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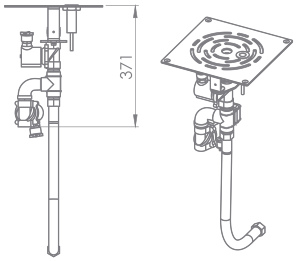
73355



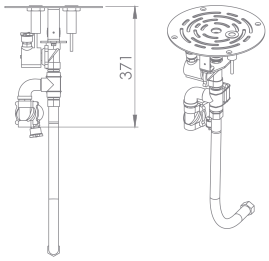
73352



73356



Switch S



Switch S





JETS

ROCKET JET



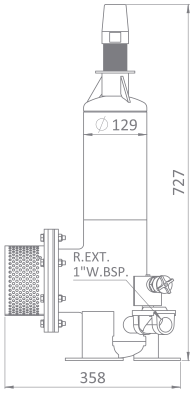
The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

The explosion of water creates a perfect vertical line that will be the centre of attention anywhere.

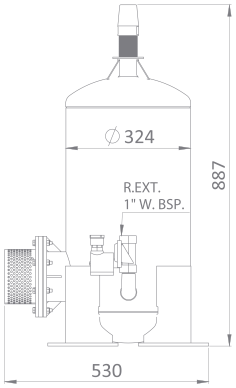
The lighting highlights the height of the water to turn it into a powerful beam of light, which rises at high speeds and draws colored lines on the water.

The combination of several units of this effect will create spectacular high speed sequences.

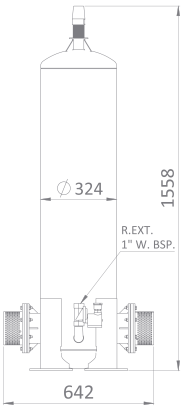
Dimensions (L x W x H) [mm]	Code
Rocket jet	
3 x 248 x 727	66564
530 x 515 x 887	66565
642 x 514 x 1558	66566



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



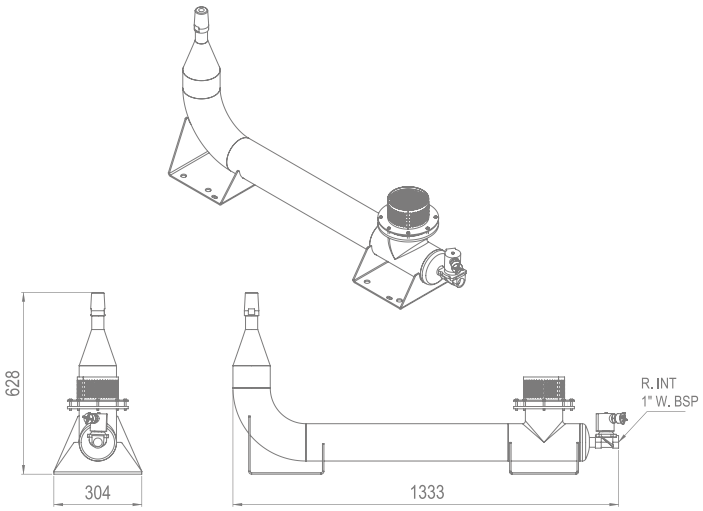
The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

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 raring [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





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.

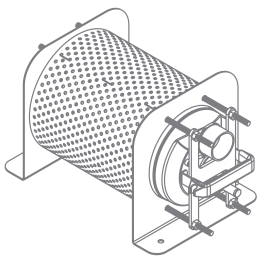
There are available some pump models according to the needs of each installation.

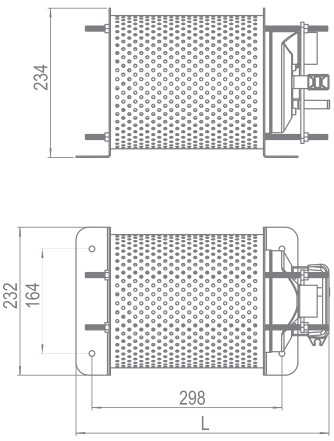
It is a very robust and resistant to rusting model manufactured in AISI 304 stainless steel.

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

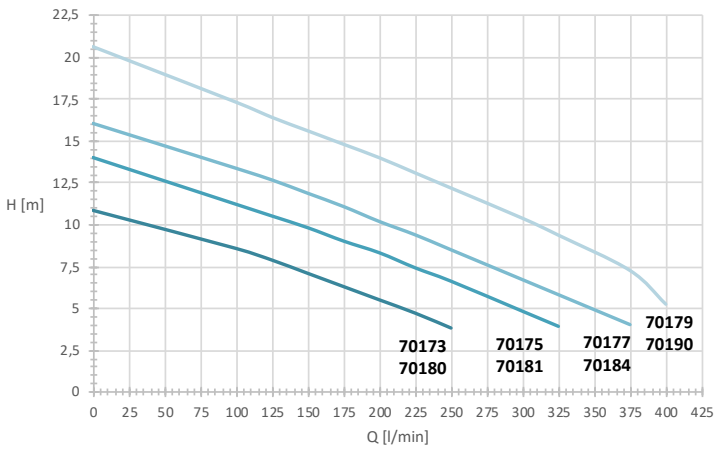
TECHNICAL FEATURES

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 ½" G							
Minimum water depth [mm]	300							





GRAPH SHOWING PERFORMANCE OF PUMPS



FOUNTAIN PUMPS

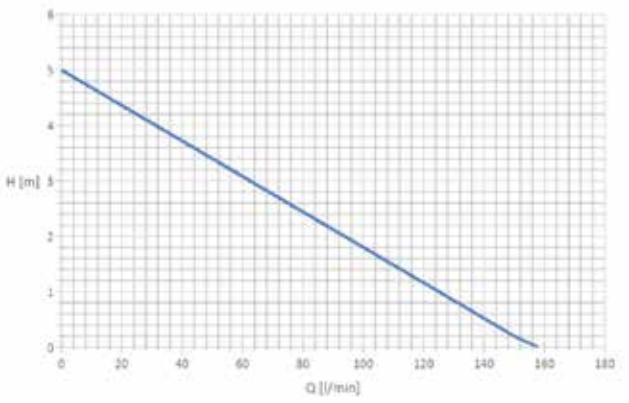


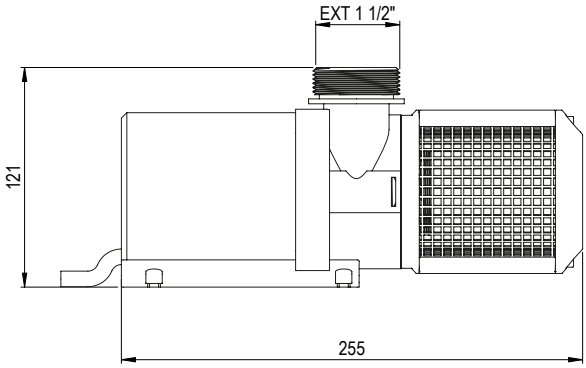
DMX PUMP S

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	1-½" 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

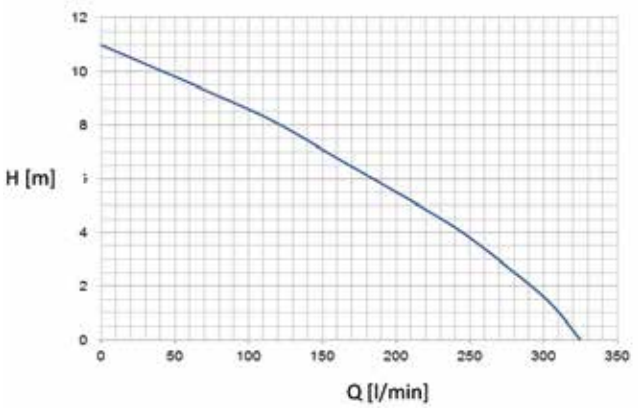


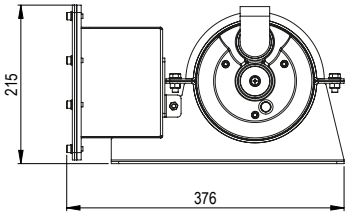
DMX PUMP L

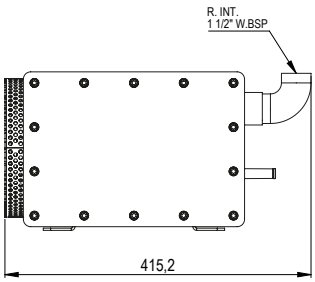
The DMX Variable Pump allows to control the jet heights individually, creating a multitude of effects and figures in dynamic fountains It is ideal to be installed just below the Spear Nozzle between 12 and 20 mm and Foamy Nozzles.

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

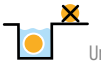
Pump	DMX PUMP L
Code	67411
Dimensions (L x W x H) [mm]	500 x 366 x 239
Nominal voltage [V]	220 - 240 VAC
Power [W]	720
Power rating [A]	3.7
Hydraulic connection	1-½" G
Minimum water depth [mm]	300
Maximum pressure [m]	11
Maximum flow [l/min]	320
Dynamic response 0-100% [s]	1
Starts per minute (max.)	6
Control system	DMX (1 channel)
Weight [kg]	23

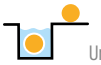


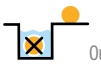


IDENTIFICATION

Product recommended for:

 Underwater installations

 Underwater and outdoor installations

 Outdoor installations

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

 **EAC** Certificado para el mercado de la Unión Económica Euroasiática.

 Es necesario un transformador de seguridad para su correcto funcionamiento.

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.

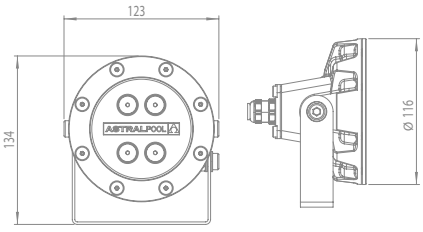
	Code
Comi Led (S) 4W	I0412
Comi Led (S) 8W	I0413

CODE	LIGHT	OPTIC
I0412	**W** Cool white	**N** Narrow (9º)
I0413	**MWDMX** Multicolour White DMX	**W** Wide (45º)

TYPE OF LIGHT
White
I0412W White
I0413W White
DMX
I0412MWDMX RGBW DMX
I0413MWDMX RGBW DMX

TECHNICAL CHARACTERISTICS

VOLTAGE	24V DC
(DMX models with power supply I0832DMXFE or I0832DMX)	
LIFETIME	L80-60.000h
MAX. TEMPERATURE WATER	40ºC
CABLE	No cable
MATERIALS Body Trim	 Stainless steel Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
Must always work in contact with water	



*Dimensions in mm.

Consumption	I0412	I0413
Monocolour:	4W (4VA)	8W (8VA)
DMX:	4W (4VA)	8W (8VA)
Voltage		
Monocolour:	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*
Lumens		
Monocolour:	350 lm	700 lm
DMX:	250 lm	500 lm
Temp. colour		
Monocolour:	5.700 K	5.700 K
DMX:	-	-
LRC>		
Monocolour:	70	70
DMX:	-	-
Efficiency		
Monocolour:	87,5 lm/W	87,5 lm/W
DMX:	62,5 lm/W	62,5 lm/W
Flow angle		
Monocolour:	9º,45º	9º,45º
DMX:	9º,45º	9º,45º
Optic		
Monocolour:	N,W	N,W
DMX:	N,W	N,W
Thermal protection		
Monocolour:	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation
Compatible control systems		
Monocolour:	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100
Protection level		
IP68		

* With DMX power supply I0832DMX / I0832DMXFE



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

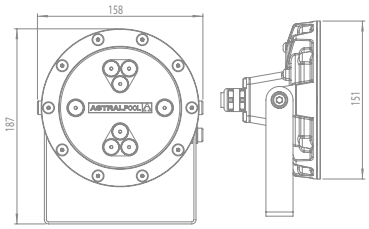
CODE	LIGHT	OPTIC
I0414 **I0415** **I0416**	**W** Cool white **MWDMX** Multicolour White DMX	**N** Narrow Concentrated (9º) **W** Wide Open (45º)

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	40ºC
CABLE	No cable
MATERIALS Body Trim	 Stainless steel Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
Must always work in contact with water	



*Dimensions in mm.

Consumption	I0414	I0415	I0416
Monocolour:	15W (15VA)	20W (20VA)	30W (30VA)
DMX:	15W (15VA)	20W (20VA)	30W (30VA)
Voltage			
Monocolour:	24 V DC	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*	24 V DC*
Lumens			
Monocolour:	1250 lm	1600 lm	2400 lm
DMX:	850 lm	1100 lm	1650 lm
Temp. colour			
Monocolour:	5.700 K	5.700 K	5.700 K
DMX:	-	-	-
LRC>			
Monocolour:	70	70	70
DMX:	-	-	-
Efficiency			
Monocolour:	83,3 lm/W	80 lm/W	80 lm/W
DMX:	56,7 lm/W	55 lm/W	55 lm/W
Flow angle			
Monocolour:	9º,45º	9º,45º	9º,45º
DMX:	9º,45º	9º,45º	9º,45º
Optic			
Monocolour:	N,W	N,W	N,W
DMX:	N,W	N,W	N,W
Thermal protection			
Monocolour:	Self-regulation	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation	Self-regulation
Compatible control systems			
Monocolour:	ON/OFF	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100
Protection level			
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

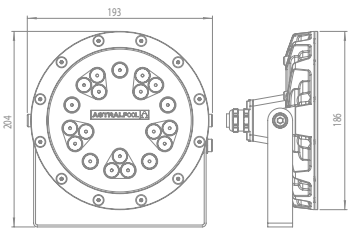
CODE	LIGHT	OPTIC
I0417	**W** Cool white	**N** Narrow Concentrated (9º)
I0418	**MWDMX** Multicolour White DMX	**W** Wide Open (45º)

TYPE OF LIGHT

White
I0417W White
I0418W White
DMX
I0417MWDMX RGBW DMX
I0418MWDMX RGBW DMX

TECHNICAL CHARACTERISTICS

VOLTAGE	24V DC
(DMX models with power supply I0832DMXFE or I0832DMX)	
LIFETIME	L80-60.000h
MAX. TEMPERATURE WATER	40ºC
CABLE	No cable
MATERIALS Body Trim	 Stainless steel Stainless steel
MAXIMUM DEPTH OF INSTALLATION	2m
Must always work in contact with water	



*Dimensions in mm.

Consumption	I0417	I0418
Monocolour:	45W (45VA)	60W (60VA)
DMX:	45W (45VA)	60W (60VA)
Voltage		
Monocolour:	24 V DC	24 V DC
DMX:	24 V DC*	24 V DC*
Lumens		
Monocolour:	3500 lm	4600 lm
DMX:	2500 lm	3200 lm
Temp. colour		
Monocolour:	5.700 K	5.700 K
DMX:	-	-
LRC>		
Monocolour:	70	70
DMX:	-	-
Efficiency		
Monocolour:	77,8 lm/W	76,7 lm/W
DMX:	55,5 lm/W	53,3 lm/W
Flow angle		
Monocolour:	9º,45º	9º,45º
DMX:	9º,45º	9º,45º
Optic		
Monocolour:	N,W	N,W
DMX:	N,W	N,W
Thermal protection		
Monocolour:	Self-regulation	Self-regulation
DMX:	Self-regulation	Self-regulation
Compatible control systems		
Monocolour:	ON/OFF	ON/OFF
DMX:	I0832DMXFEI52, 74099, 74100	I0832DMXFEI52, 74099, 74100
Protection level		
IP68		

* With DMX power supply I0832DMX / I0832DMXFE



ILLUMINATION

RECESSED MINI PROJECTOR

These projectors are designed for installation in swimming pools or aquatic areas. Their design and robustness enable them to withstand a static load of up to 500 kg.



Recessed
Mini Projector



Recessed
Mini Projector Niche

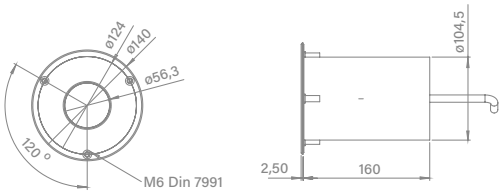
	Code
Recessed Mini Projector	I1285
Recessed Mini+ Projector	I1286
Recessed Mini Projector Niche	I1227
Recessed Mini+ Projector Niche	I1283

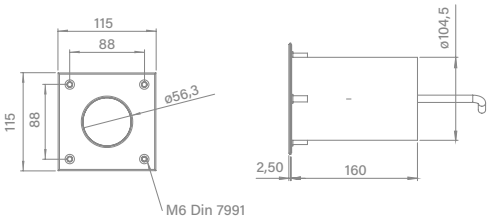
Code	Light	Face plate	Optic	Option	AstralPool
I1226 I1282 I1285 I1286 I1227 I1283	**W** Cool white **WW** Warm white **MWDMX** Multicolor White DMX	Material **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **W** Wide	**DMX**	**I52**

CONTROL
DMX
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply

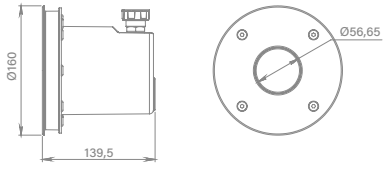
CONSUMPTION	Mini	Mini +
Monocolour:	4W (6VA)	6W (9VA)
MWDMX:	5W (5VA)	8W (8VA)
Voltage		
Monocolour:	12 Vac	12 Vac
MWDMX:	24 Vdc	24 Vdc
Lumens		
Monocolour:	315 lm	550 lm
MWDMX:	300 lm	430 lm
Efficiency		
Monocolour:	78,7 lm/W	91,66 lm/W
MWDMX:	60 lm/W	53,75 lm/W
Life Span		
L80 - 60.000h		
Protection level		

IP68





Recessed
Mini Projector



Recessed Mini
Projector Niche

ILLUMINATION

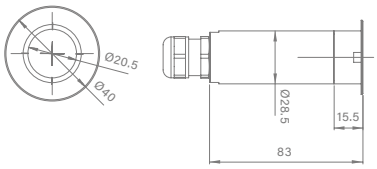
NANO PROJECTOR



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.

	Code
Nano Projector Ø40	I1234
Nano Projector with joints	I1239
Nano Projector 1"	I1247
Nano Projector Ø70	I1252
Nano Projector Ø80	I1254

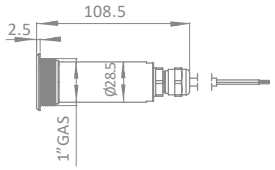
CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I1234	**W** Cool white	Material	**N** Narrow	**DMX**	**I52**
I1252	**WW** Warm white	**I** Stainless Steel	**W** Wide		
I1254	**M** Multicolour				
I1239	**MWDMX** Multicolour DMX				
I1247					

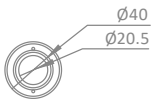


I1234

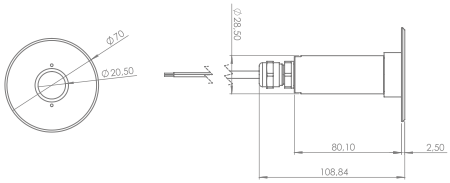
CONTROL

I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply



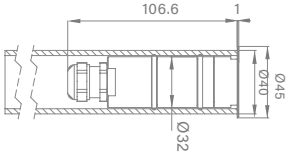


I1239

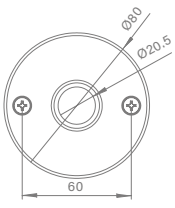


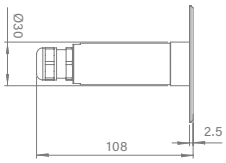
I1252





I1247





I1254

Consumption

Monocolour: 3W (4VA)
Multicolour: 4W (4VA)
MWDMX: 3.3W (3.3VA)

Voltage

Monocolour: 12 Vac
Multicolour: 12 Vac
MWDMX: 24 Vdc

Lumens

Monocolour: 250 lm
Multicolour: 150 lm
MWDMX: 220 lm

Efficiency

Monocolour: 83.3 lm/W
Multicolour: 50 lm/W
MWDMX: 67 lm/W

Life Span

L80 - 50.000h

Protection level

IP68





ILLUMINATION



I0406 I0411

MINI / MINI + PROJECTOR

ASTRALPOOL

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.

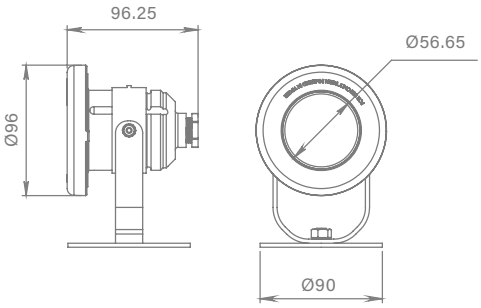
Possibility of narrow, medium or wide lens.

	Code
Directional projector Mini	I0406
Directional projector Mini+	I0411

CODE	LIGHT	FACE PLATE	OPTIC	OPTION
I0406 **I0411**	**W** Cool white **WW** Warm white **M** Multicolour **MWDMX** Multicolour White DMX	Material **I** Stainless Steel Shape **R** Round	**N** Narrow **W** Wide	**DMX**

CONTROL

Multicolour | Multicolor
I0826 Modulator
I0828 Remote control
I0831 Push-button
DMX
I0832DMX DMX power supply
I0832DMXFE DMX external power supply



I0406 I0411

Consumption	Mini	Mini+
Monocolour:	4W (6VA)	6W (6VA)
Multicolour:	4W (7VA)	6W (6VA)
MWDMX:	5W (5VA)	8W (8VA)
Voltage		
Monocolour:	12 Vdc	12 Vdc
Multicolour:	12 Vdc	12 Vdc
MWDMX:	24 Vdc	24 Vdc
Lumens		
Monocolour:	315 lm	550 lm
Multicolour:	186 lm	250 lm
MWDMX:	300 lm	430 lm
Efficiency		
Monocolour:	78.7 lm/W	91.66 lm/W
Multicolour:	46.5 lm/W	55 lm/W
MWDMX:	60 lm/W	53.75 lm/W
Life Span		
L80 - 50.000h		
Protection level		
IP68		





ILLUMINATION

CIRCULAR Ø200



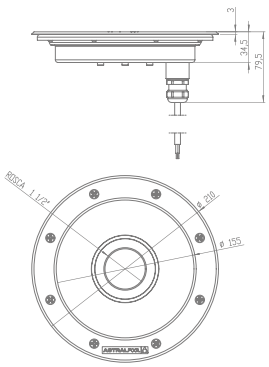
Projector designed for fitting directly to the jets of ornamental fountains, thus ensuring that they are properly illuminated and emit an even source of light. Has a stainless steel finish.

Possibility of intensive, intermediate or extensive lens.

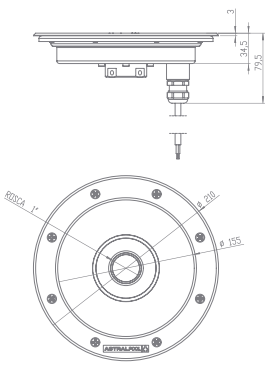
	Code
Circular Ø200 1" ½ Thread	I1261
Circular Ø200 1" Thread	I1262
Circular Ø200 No Thread	I1263
Circular Ø200 Flat mounting	I1264
Circular Ø200 Dry Fountain	I1265
Circular Ø200 Dry Fountain Ø40mm	I1288

CONTROL
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply

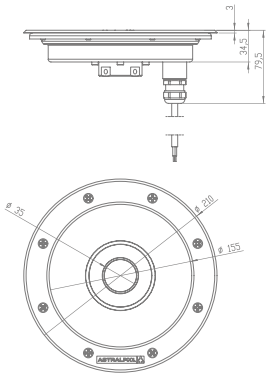
CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I1261	**W** Cool white	**N** Narrow	**DMX**	**I52**
I1262	**WW** Warm white (Upon Request)	**M** Medium		
I1263	**MWDMX** Multicolour White DMX	**W** Wide		
I1264				
I1265				
I1288				



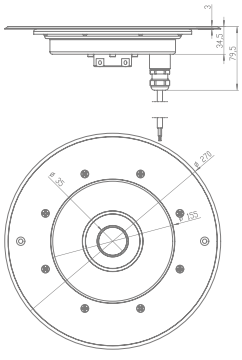
I1261



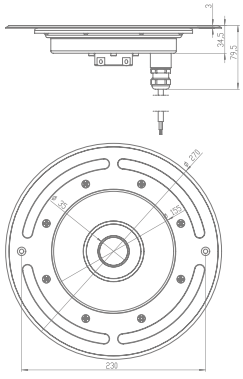
I1262



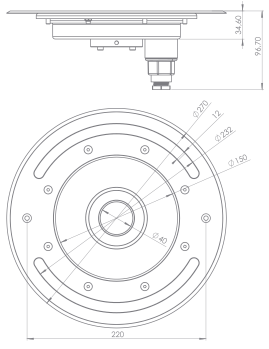
I1263



I1264



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 Ø350



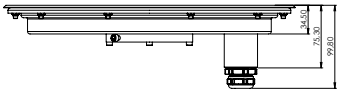
A large projector with high luminous performance for fitting directly to the jets of ornamental fountains of up to 1 ½" and 3" respectively. Made of stainless steel.

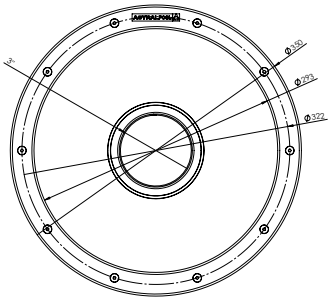
	Code
Circular Ø350	I1291

CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I1291	**W** Cool white **WW** Warm white (Upon Request) **MWDMX** Multicolour White DMX	**N** Narrow	**DMX**	**I52**

CONTROL

I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply





I1291

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





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 **I1280** **I1281**	**W** Cool white **WW** Warm white **MWDMX** Multicolour White DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**I52**

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

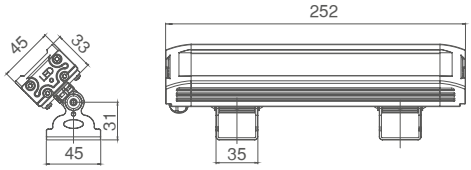
Life Span

L80 - 60,000h

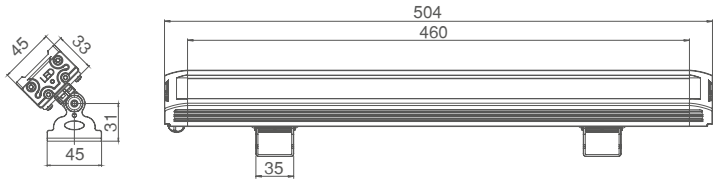
Protection level

IP65

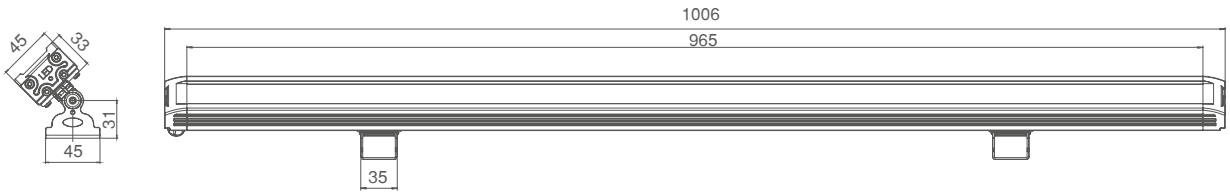
I1279



I1280



I1281







ILLUMINATION

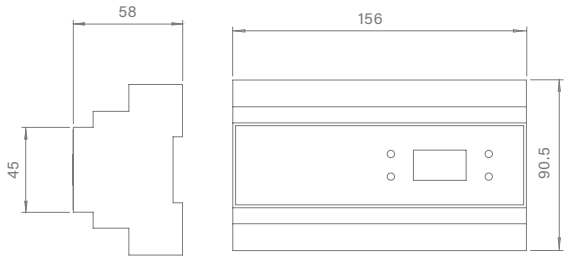


DMX DRIVER POWER SUPPLY

ASTRALPOOL

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



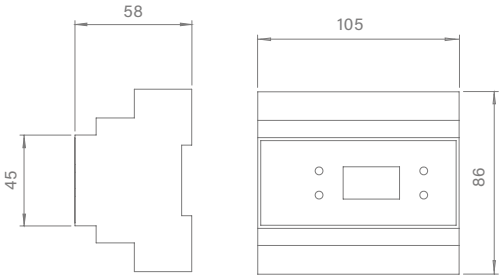


DMX DRIVER ONLED EXTERNAL POWER SUPPLY

ASTRALPOOL

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



ILLUMINATION



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	RJ2BLOCK
ACDC power supply	POWER4M

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 ouput (for relay)
Memory	In-built flash
Temperature Battery	-10ºC - 45ºC 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
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	-10ºC - 45ºC
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	I0898
Power supply 24VDC 240W	I0899
Power supply 24VDC 480W	I0847
Power supply 24VDC 960W	I0908



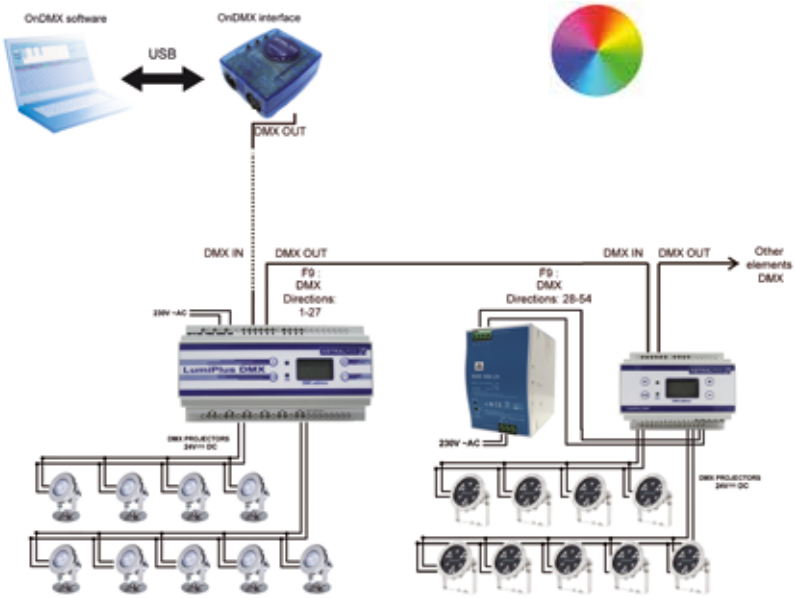
SAFETY TRANSFORMERS

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	I0820
Safety transformer IP20 130 VA	I0821
Safety transformer IP65 350 VA	I0822
Safety transformer IP20 700 VA	I0823

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 Syncronorm'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 withstands 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.

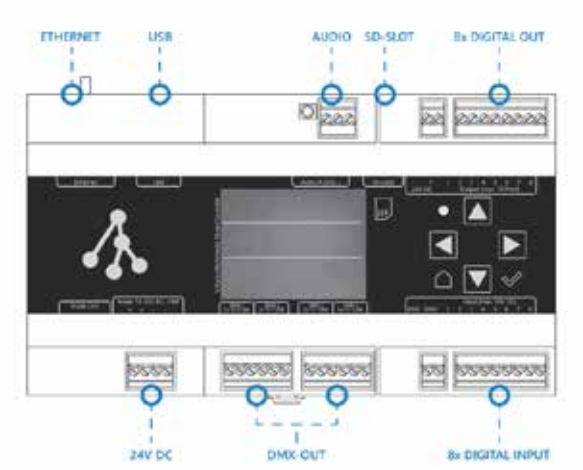
A perfect match for smaller stand-alone fountains as well as musical fountain installations, both feature 8xdigital I/O's.

The V:Nano is fully compatible with our fountain control system Depence. 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 Depence², 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:Sever3-Touch also comes with integrated optical isolated digital and analog I/Os to directly connect sensors and triggers.

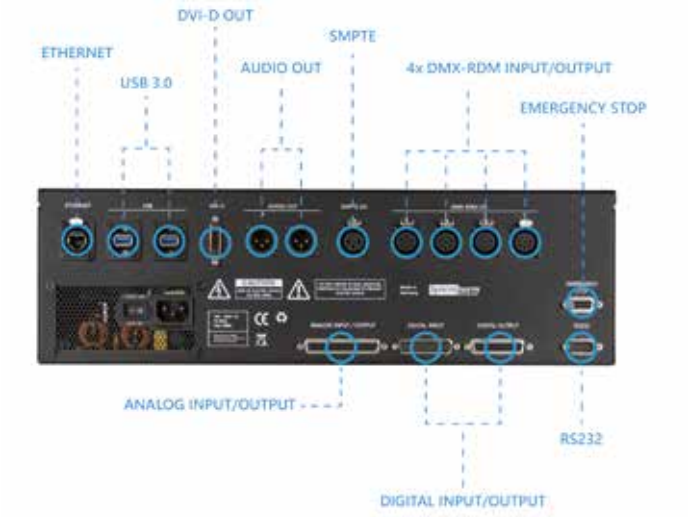
The new node-based logic system of Depence² offers you maximum flexibility for any kind of interactive installation. Pre-existing Depence projects are still fully compatible as well.

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
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

FLOATING FOUNTAINS



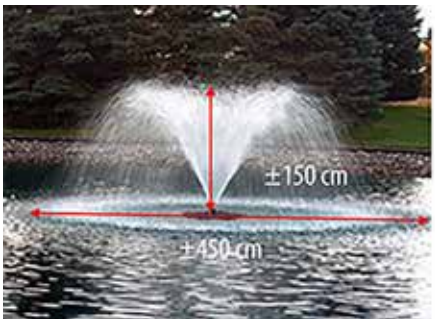


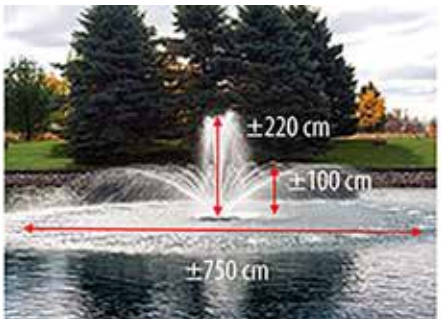
AQUAFORTE FLOATING FOUNTAINS

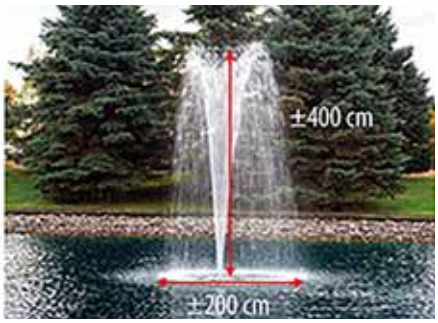
A very professional fountain set including 3 different fountain heads: Classic, Trumpet and Crown & Trumpet. Replacing the fountain heads is very easy; with a simple bayonet connection the head can be replaced within seconds! The fountain is equipped with a float and a 560 watt pump with 30 meter cable. 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

Kasco

- 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.

CE

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

Kasco

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.

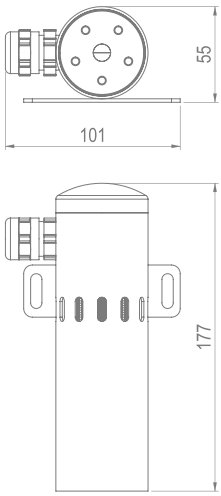
The level control sensor is a very robust model that is resistant to oxidation and made entirely of AISI 316 stainless steel.

In the case of the Level Control Sensor Adjustable, the costumer receives the product with an standard and equal length on all rods, in order that the costumer adjusts this length according to the installation.

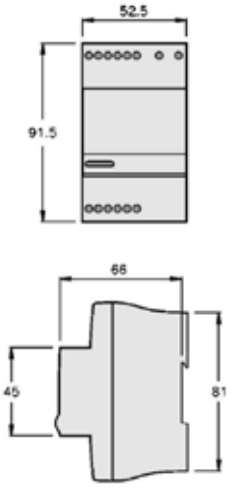
	Code
Level Control Sensor	66636
Level Control Unit	66637
Level Control Sensor Adjustable	67444

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 1.10 m
Material	AISI 316 stainless steel
Weight [kg]	2.3
Protection rating	IP 68

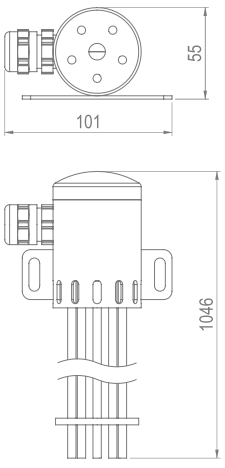
TECHNICAL FEATURES	LEVEL CONTROL UNIT
Code	66637
Dimensions (L x W x H) [mm]	53 x 66 x 92
Voltage [V]	230 VAC
Electrode inputs	5
Outputs	2 relay outpus up to 8A
Indicator led	1 power, 2 outputs
Material	Plastic housing
Mounting	DIN rail
Protection rating	IP20



66636



66637



67444

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 1.10 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.

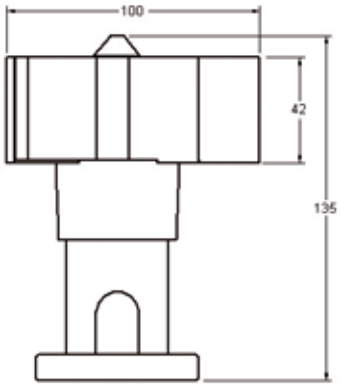
	Code
Wind Control System	
Wind Control Sensor	66577
Wind Control Unit	66578

TECHNICAL FEATURES

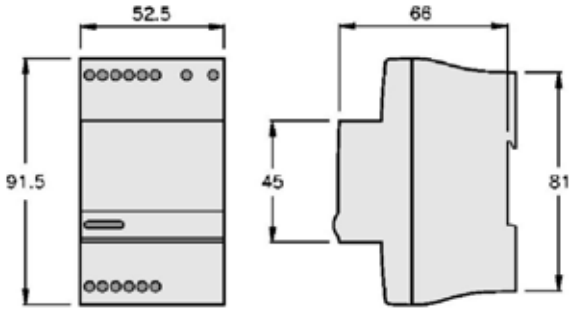
	WIND CONTROL SENSOR
Code	66577
Dimensions (L x W x H) [mm]	100 x 100 x 135
Range [m/s]	2 - 55
Voltage [V]	5 - 15 VDC
Output [Hz]	0 – 210
Cable included	3 x 0.5 20 m
Material	ABS
Weight [kg]	1.2
Protection rating	IP 65

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 outpus 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

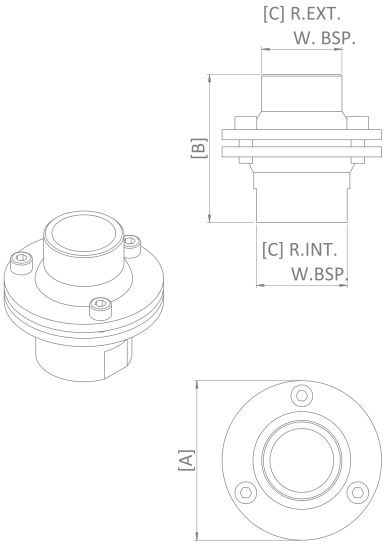


SWIVEL

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 ½"	1 ½"	73798
2"	2"	73799
2 ½"	2 ½"	73800
3"	3"	73801



66930

TECHNICAL FEATURES

	SWIVEL 1"	SWIVEL 1 ½"	SWIVEL 2"	SWIVEL 2 ½"	SWIVEL 3"
Code	66930	73798	73799	73800	73801
Water connection [R] [mm]	1"	1 ½"	2"	2 ½"	3"
Nozzle connection [R INT] [mm]	1"	1 ½"	2"	2 ½"	3"
Total height [H] [mm]	68	75	91	103	118
Total diameter [D] [mm]	70	90	110	140	150
Inclination [β°]	+22 / -22	-10, +10			
Material	AISI-316				
Weight [kg]	0.6	0.8	1.3	2.9	3.6





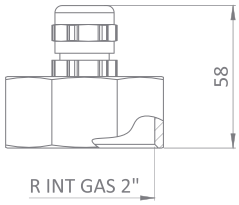
COMPLEMENTARY PRODUCTS

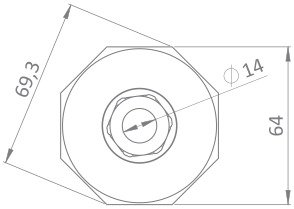


CABLE INLET FITTING 1 - 2″ FEMALE THREAD

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

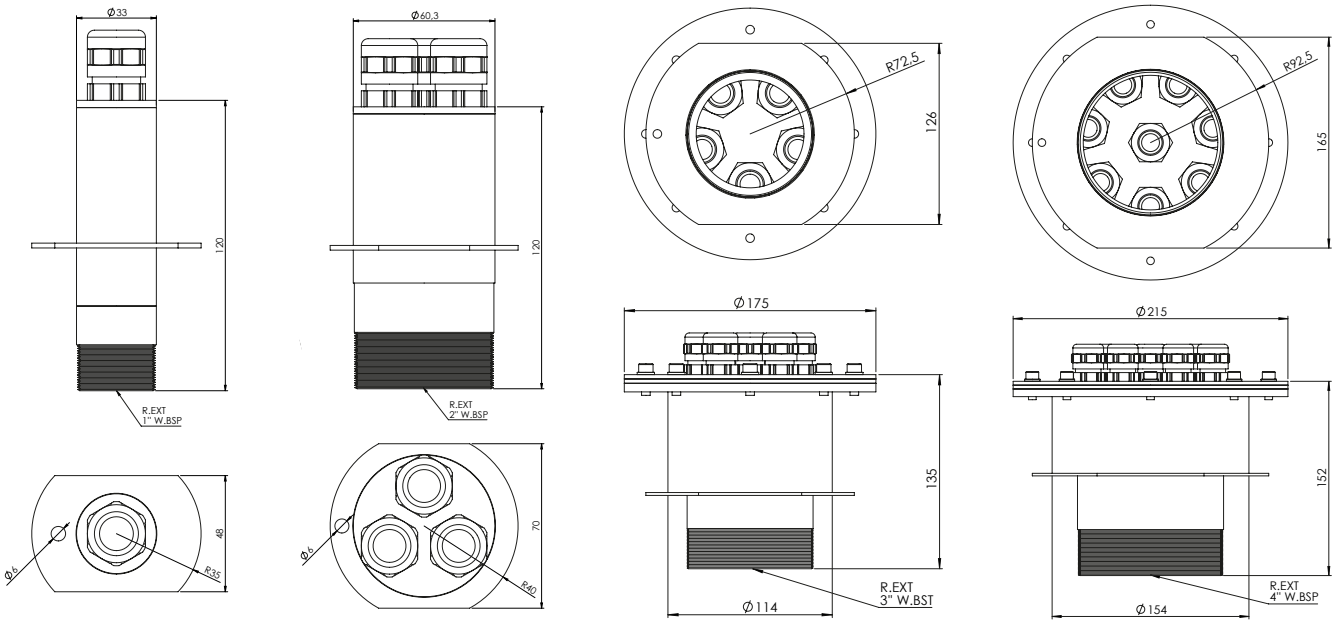
ASTRALPOOL

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

	CABLE INLET FITTING			
Code	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			



COMPLEMENTARY PRODUCTS



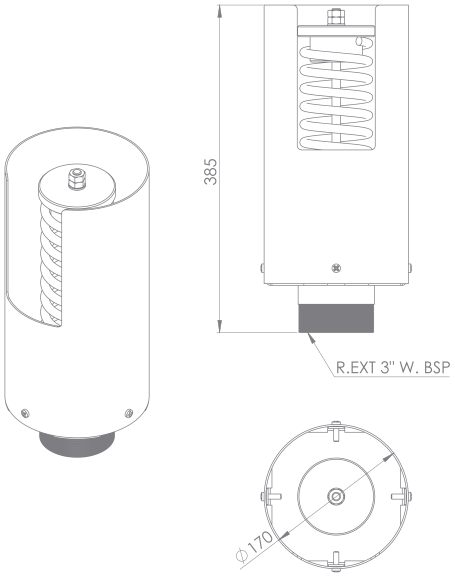
PRESSURE HOLDING VALVE

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
Code	73349
Dimensions (L x W x H) [mm]	385 x 170 x 170
Connection	3"M
Maximum flow [l/min]	720
Maximum pressure [bar]	2.2
Material	AISI 316 Stainless steel

COMPLEMENTARY PRODUCTS



PREFILTER LFS

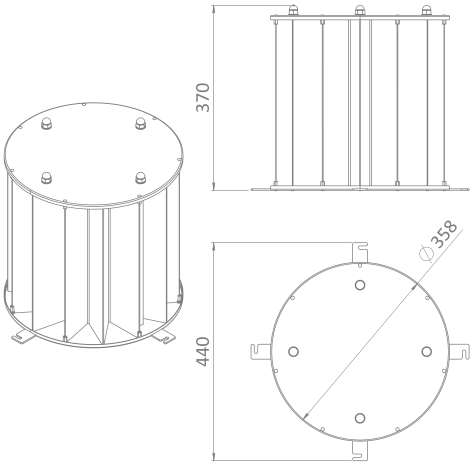
Prefilter LFS are mounted on the inlets of the suction lines to protect devices and water circuit from coarse debris.

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 [m²]	1
Particle strainer [mm]	5
Material	AISI 316 stainless steel
Weight [kg]	4.5 kg



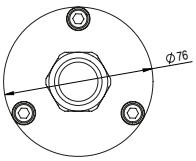
WATERPROOF JUNCTION SS D20 / D14

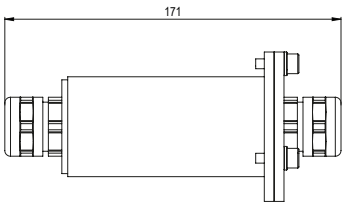
This robust waterproof junction allows to make IP68 connections, both for electrical and communication cables.

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	70685
D20	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

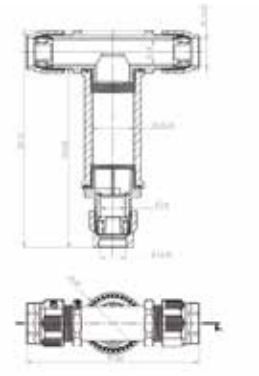


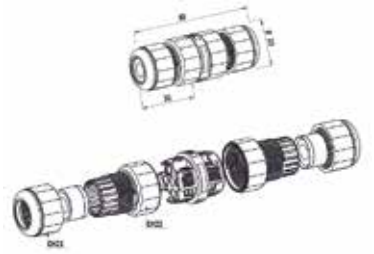
This robust waterproof junction allows to make IP68 connections, both for electrical and communication cables.

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	I0918
Kit 5 unities (4 pole connection) + 2 keys	I0892
Air connector IP68 4 poles	I0912
Key for aerial connector	I0914





TECHNICAL FEATURES

	CONNECTOR T3 POLES	CONNECTOR 4 CORE
Code	I0918	I0912
Core member	3	4
Cable diameter range [mm]	7-13.5	7 - 12
Material	PA66GF UL94 V0 GWT 960°C	
Protection level	IP68	

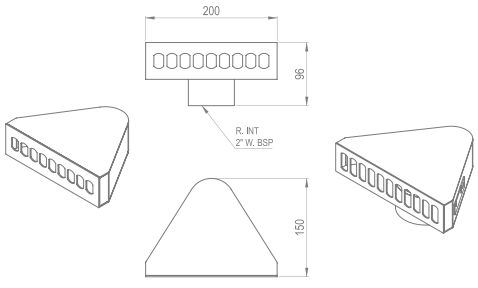
OVERFLOW



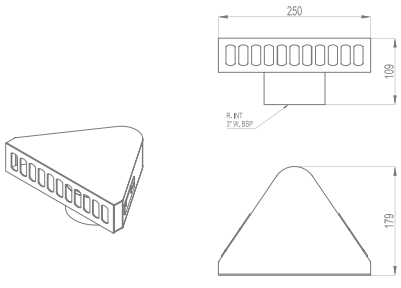
This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

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



66612



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

ASTRALPOOL

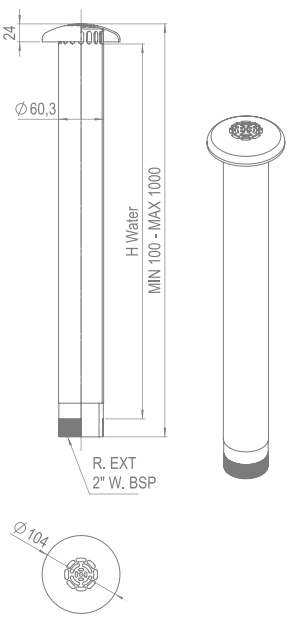
This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

It is available in two different models, depending on the surface of the fountain.

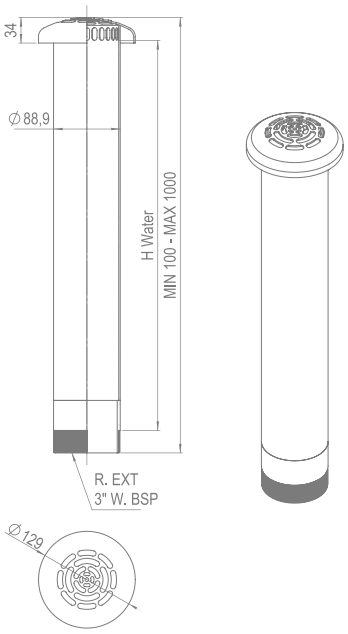
The standard model is manufactured between 10 and 100 centimeters, with the possibility of other dimensions on request.

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



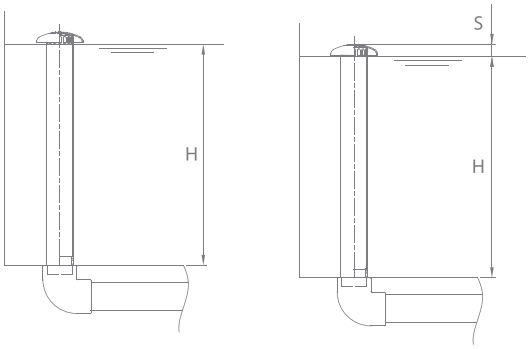
66610LXXXX



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	



66611LXXXX



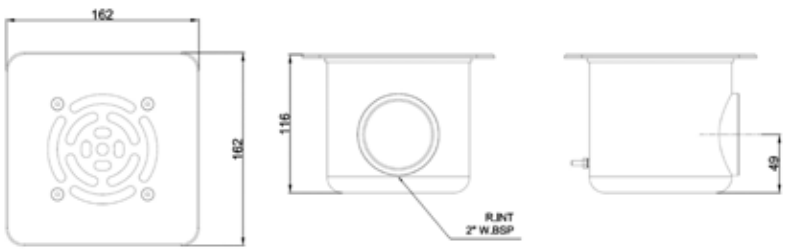
FLOOR DRAIN

ASTRALPOOL

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

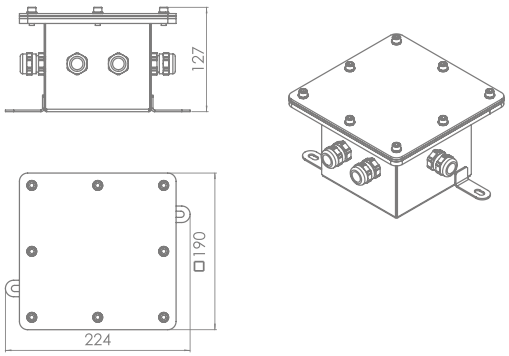
The Junction Boxes are the best way to ensure watertight connections between cable inside the pool of the fountain. With its original design allow the connection of different devices with the same Junction Box.

It is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

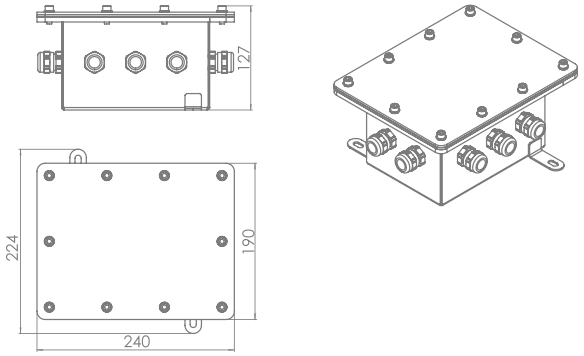
	Code
Junction Box 6	66602
Junction Box 10	66603
Junction Box 16	66604
Junction Box 32	66605

TECHNICAL FEATURES

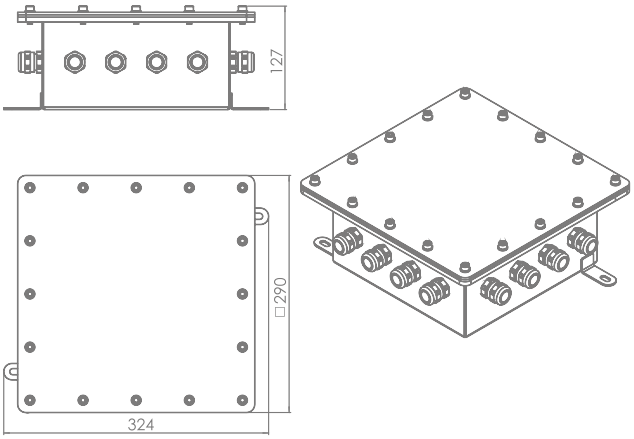
	JUNCTION BOXES			
Code	66602	66603	66604	66605
Dimensions (L x W x H) [mm]	224x190x127	240x224x127	324x290x127	324x290x139
Number of inlets	6	10	16	32
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Protection class	IP 68	IP 68	IP 68	IP 68



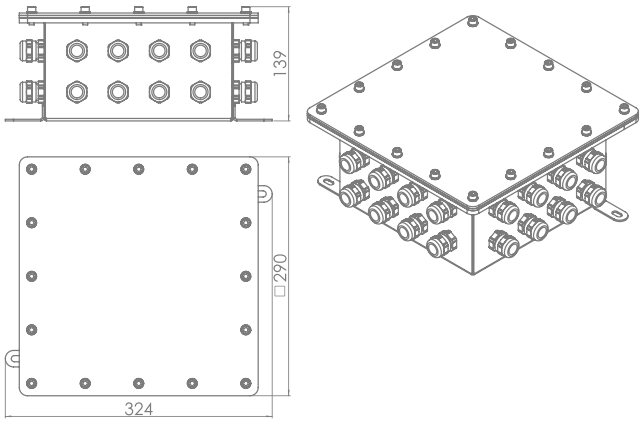
66602



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







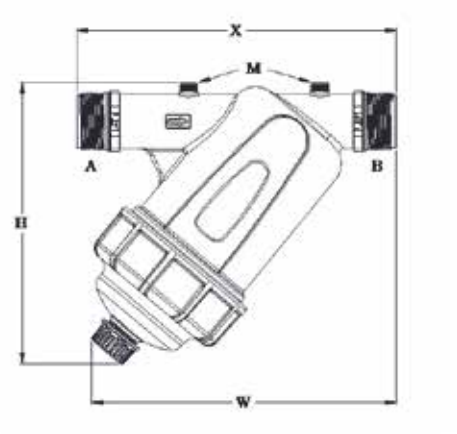
LF FILTERS

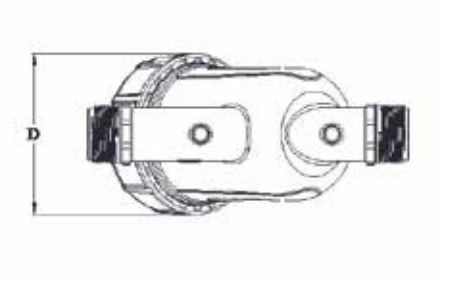
CEPEX

	Code
Cepex Manual LF Filters	
¾"B Screen 130 micron - 5 m³/H	34910
1"B Screen 130 micron - 6 m³/H	34911
1 ¼"B Screen 130m - 10 m³/H	04132
1 ½"B Screen 130m - 14 m³/H	04133
2"B screen 130 micron - 25 m³/h	34912

TECHNICAL FEATURES

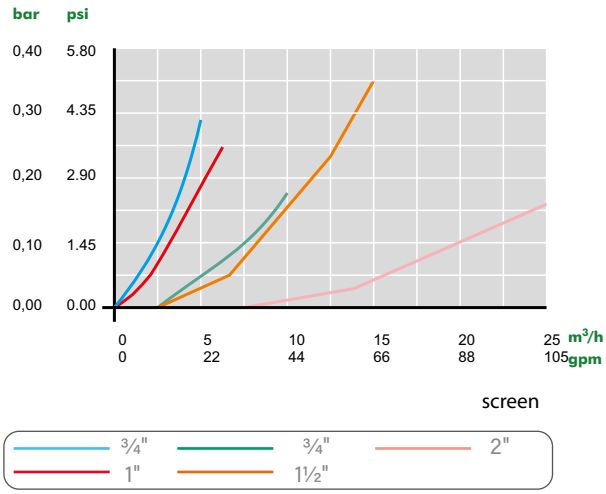
	CEPEX MANUAL LF FILTERS				
Code	34910	34911	04132	04133	34912
Connection	¾"	1"	1 ¼"	1 ½"	2"
Maximum flow	5 m³/h - 22 gpm	6 m³/h - 26 gpm	10 m³/h - 44 gpm	14 m³/h - 62 gpm	25 m³/h - 110 gpm
Filtration surface (mesh)	160 cm² - 25 in2	160 cm² - 25 in2	265 cm² - 41 in2	265 cm² - 41 in2	485 cm² - 75 in2
Maximum temperature / pressure	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	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



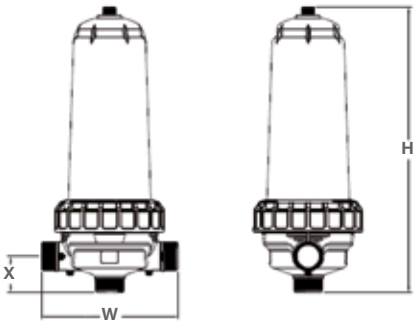
HFL FILTERS

CEPEX

	Code
Cepex Manual HLF Filters	
2 B Screen 130 Micron - 30m³/H	62271
2 large B Screen 130m - 30m³/H	62273
3 B Screen 130 Micron - 50m³/H	62275
3 large B Screen 130 Micron - 50m³/H	62277

TECHNICAL FEATURES

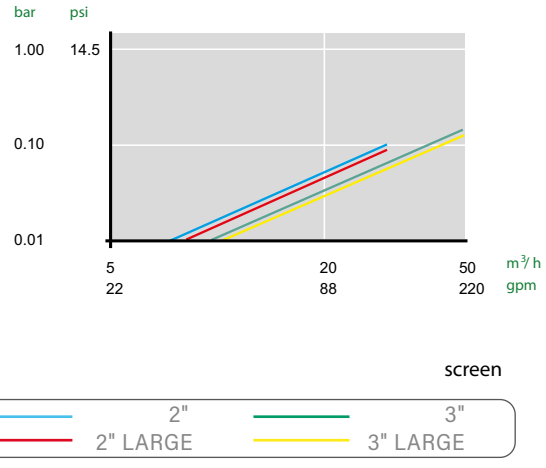
	CEPEX MANUAL HLF FILTERS			
Code	62271	62273	62275	62277
Connection	2"	2" Large	3"	3" Large
Maximum flow	30 m³/h - 132 gpm	30 m³/h - 132 gpm	50 m³/h - 220 gpm	50 m³/h - 220 gpm
Filtration surface (mesh)	650 cm² - 101 in2	960 cm² - 149 in2	650 cm² - 101 in2	960 cm² - 149 in2
Maximum temperature / pressure	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F

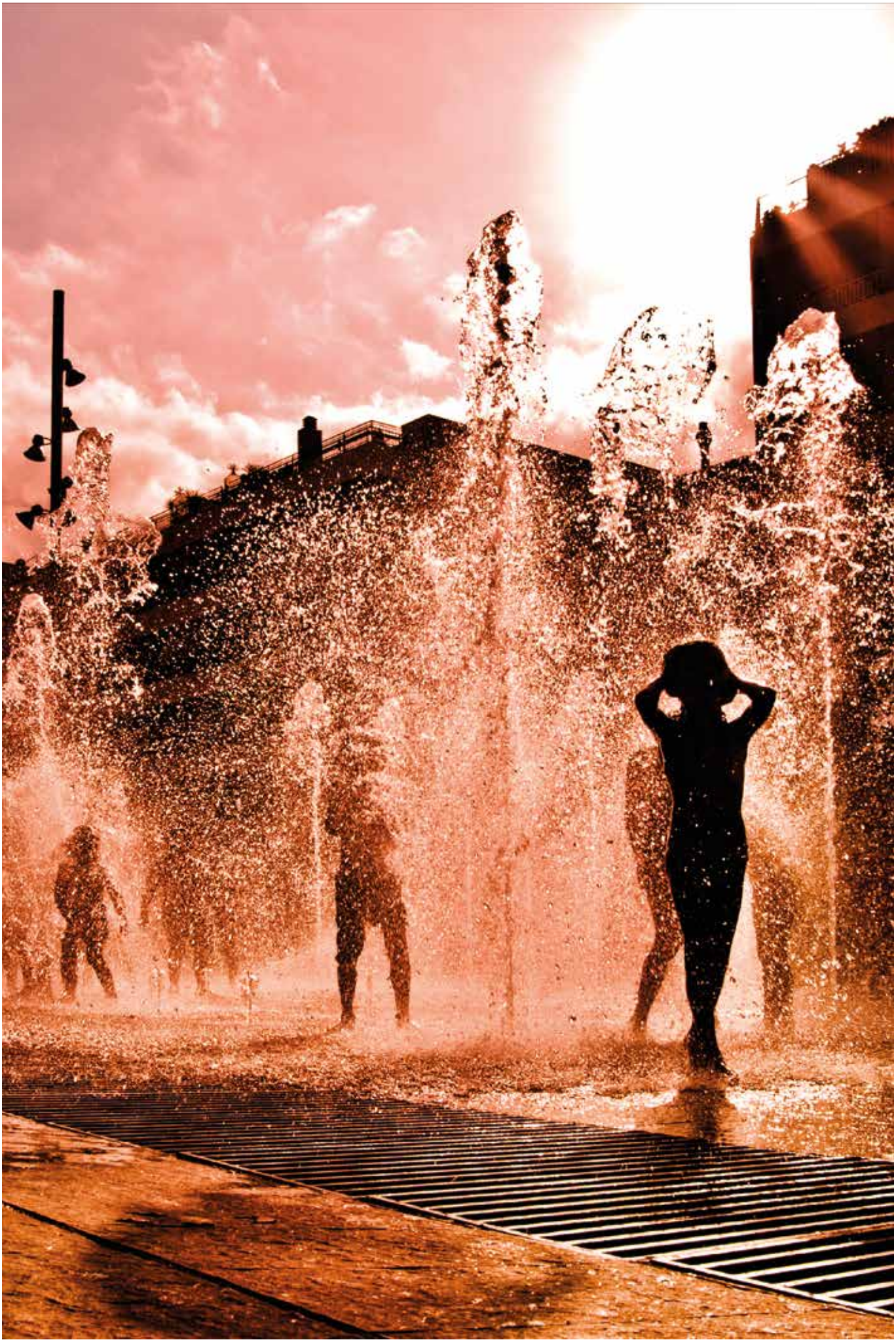


DIMENSIONS

	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



ASTRALPOOL



Laguna Martianez. Puerto de la Cruz, Tenerife (Spain).



INNOVATIVE LAGOON & LAKE SOLUTIONS AT THE HEART OF YOUR TOURISM, RESIDENTIAL OR REAL ESTATE PROJECT

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**.

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LAGOONS

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ASTRALPOOL

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 & 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



LAGOONS & LAKES

EXPLORATION OF ECONOMIC PERFORMANCE SPACES

Empowerting the profitability of your project







LAGOONS & 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 buisness and activities located directly on the lagoon. Likewise, lagoons increase the value of any property and deliver added value to developments.





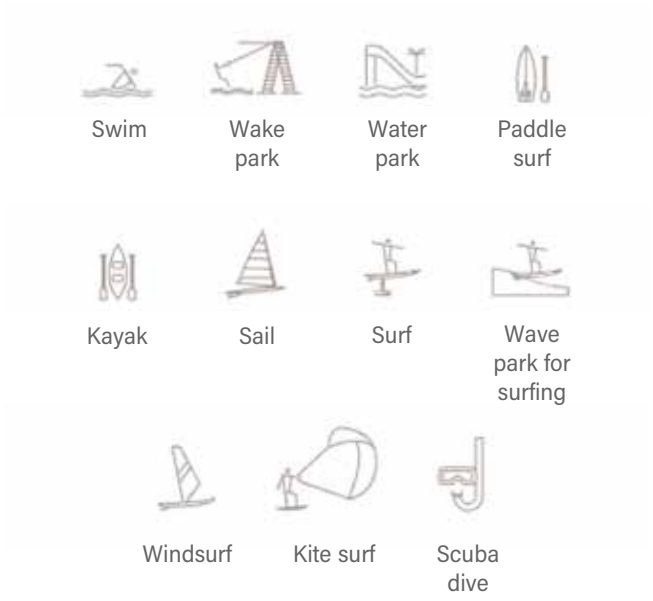


LAGOONS & LAKES

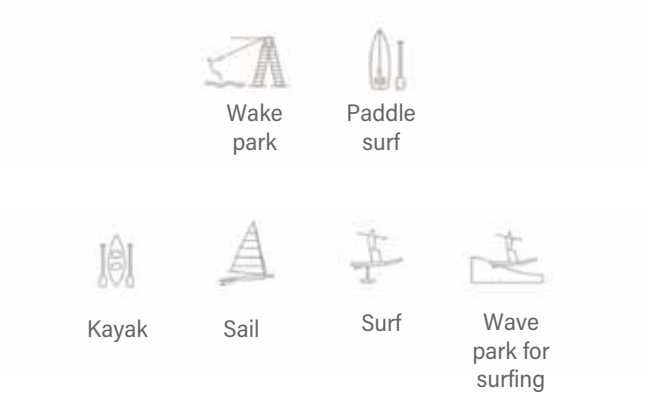
WIDE RANGE OF SPORTS

Our lagoons are safe spaces -no dangerous currents or jellyfish here- that provide recreation and fun for the enitre family, with multiple opportunities for both rest and relaxation, as well as sports, including kayaking, wakeboarding and paddle surfing.

LAGOONS



LAKES



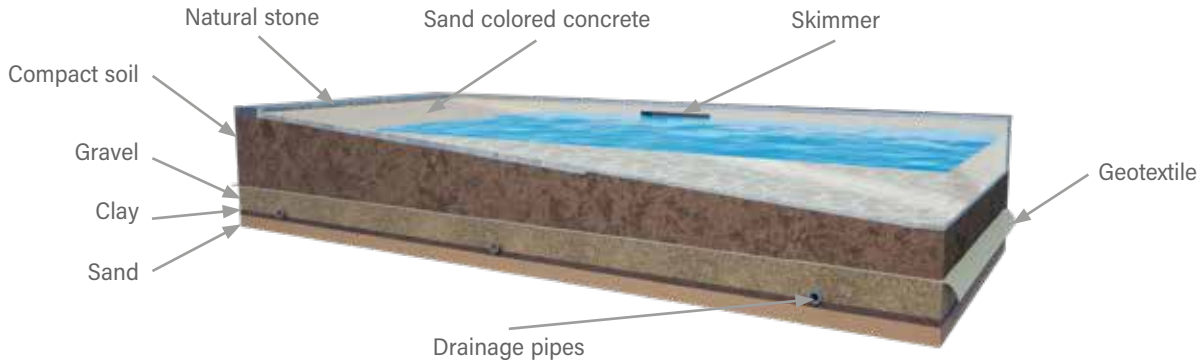
MAXIMUM QUALITY

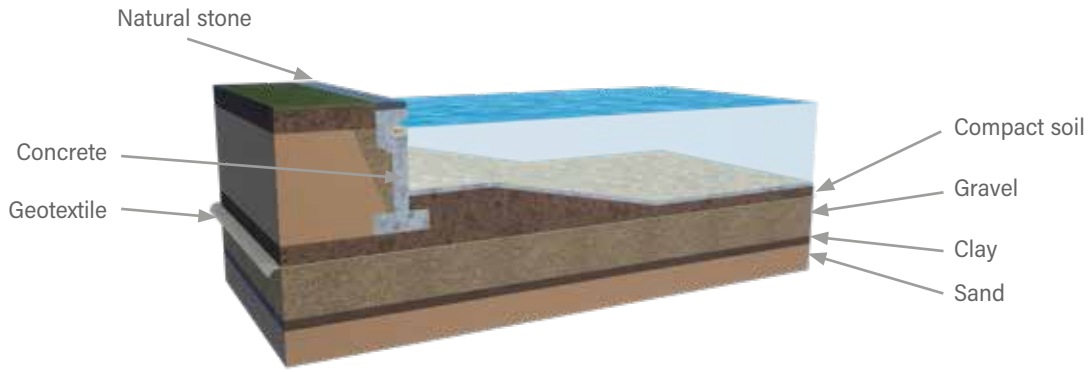
Focused on every project

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 desinfections consists essentially of:

- Filtration system.
- Recirculation system.
- Desinfection water treatment.
- Flocculation system.
- UV system.

Microbiological and physicochemical quality

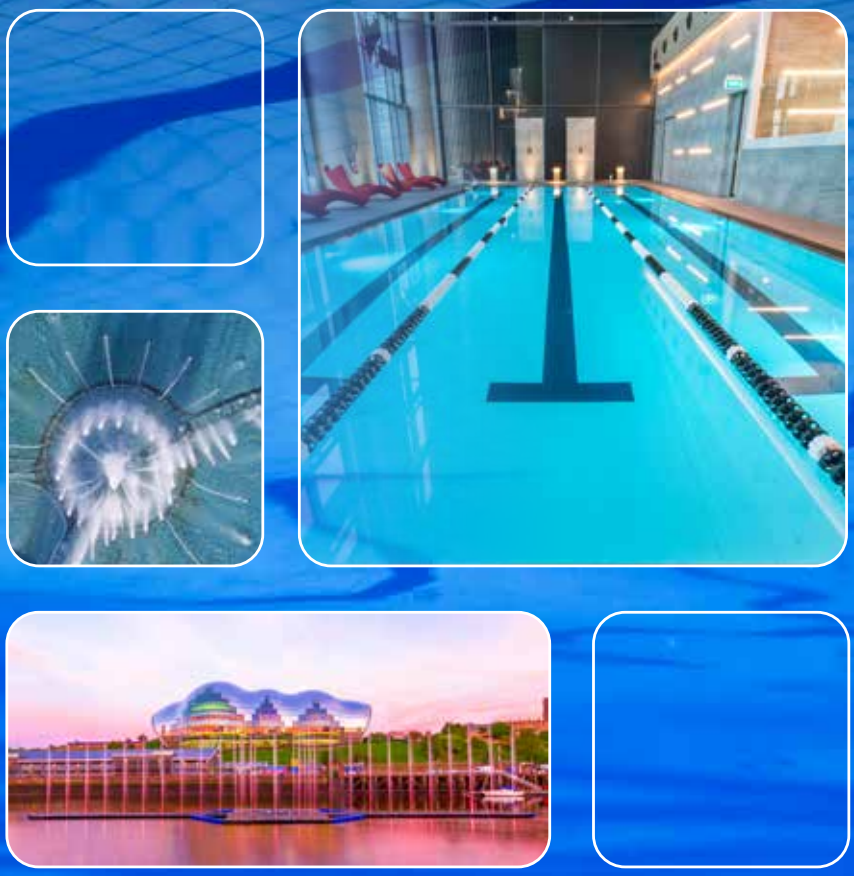
Compliance with international health standards.

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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.



FLUIDRA

Av. Alcalde Barnils, 69
08174 Sant Cugat del Vallès (Barcelona) Spain
Tel.: +34 93 724 39 00
www.astralpool.com

8 435611 068903

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