

evolution>innovation





Contents

WATER

- 8 Origin Where life is born
- 8 Values Associated with water
- 9 Meaning What water means for human beings
- 10 **History** The worship of water

FOUNTAIN

- 14 **Description and metaphor** What is a fountain?
- 16 **History** Synonymous with life since the beginning of time
- 20 Evolution Natural and artificial
- 20 Types Natural and artificial, decorative and functional

COMPANY

- 26 ASTRALPOOL Philosophy
- 32 About us Professionals
- 38 Facilities Our space
- 40 Projecting ideas Our inspiration
- 42 ASTRALPOOL in the world Global presence
- 44 **R&D** Research



PROJECTS

47 Some of our projects



PRODUCTS

106 **Customizable Fountains** Funsquare Fountains Digital Curtain Digital Curtain & app Water Screen Water Curtain Magic Curtain Waterfalls Geyser Jet Cosmos Fountain Lakes

16 Jets

Spear Nozzle
Big Spear Nozzle
Swing Dancer Jet
Dancer Jet
Glassy Jet (Jumping Jet effect)
Rocket Jet
Fire Jet
Bubble Jet

126 Interaction

InMotion System Interactive sensors and ropes Comunication (Fountain + Pc + ...)

129 **Illumination** Nano LEDs Mini LEDs Circular LEDs Halospot LEDs Par v1 & v2 LED strip DMX Driver

136 Complementary products

Level control Wind control Pipe fitting Overflow Junction boxes Cable inlet fittings + junction boxes Cable inlet fitting When you drink water, remember the source.





WATER Origin Where life is born Values Associated with water Meaning What water means for human beings History The worship of water

Water is the source of everything. Nothing as we know it would exist without it. Animals, plants, our very lives would be impossible were it not for water, a substance that covers over 70% of the earth's surface in its three states: liquid, solid and gas.

Liquid, transparent, odourless, colourless and tasteless: all living beings need water to survive.

Water is inspiration, peace, harmony. It is a source of beauty and calm.

It flows in rivers, is still in lakes and unleashes its fury in the seas and oceans.

Water extinguishes fire, but supports life.







WATER

Origin Where life is born Values Associated with water Meaning What water means for human beings History The worship of water

Water has been here since the beginning of time, and yet we have always sought it out. All living beings have based their existence on the search for water, settling near water sources (rivers, lakes, seas) or diverting these sources to their settlements. Because water is vital, essential, and nothing would exist without it.

How was life created?

The question remains unanswered.

But what supports life? The answer is easy: water.



WATER

Origin Where life is born Values Associated with water Meaning What water means for human beings History The worship of water

Symbol of purification and an expression of the sacred, water is the fountain of life. It is associated with medicinal and healing qualities.

Water plays a fundamental role in all religions and beliefs, inspiring both worship and respect.

Tales de Mileto:

"Water is the origin of everything that exists. It is the essential element"





A fountain is generally synonymous with life.





FOUNTAIN

Description and metaphor What is a fountain?

History Synonymous with life since the beginning of time Evolution Natural and artificial Types Natural and artificial, decorative and functional

Fountain. the source or origin of anything.

A fountain is, without doubt, an expression of the beginning, the origin of things. A source of light, water, information or energy is always the beginning.

Like a spring of water welling up from the earth, the fountain is the source of rivers that cross mountains to end their journey flowing into the sea.





FOUNTAIN

Description and metaphor What is a fountain? History Synonymous with life since the beginning of time Evolution Natural and artificial Types Natural and artificial, decorative and functional

distant.



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.







FOUNTAIN

Description and metaphor What is a fountain? History Synonymous with life since the beginning of time Evolution Natural and artificial Types Natural and artificial, decorative and functional

Since the dawn of time man has sought to control his environment; water, the planet's dominating element, is one of the elements that man has mastered best. A desire to bring water closer to people resulted in the first fountains, which were typically located in the village centre. Over time and with the development of new materials, the original more functional purpose of these fountains shifted towards a more decorative one, each fountain becoming a unique and spectacular piece.

Today we can enjoy fountains as a more decorative, participatory and spectacular element.







THE MAGIC FOUNTAIN OF MONTJUIC Upgrades for Barcelona's famous fountain

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A fountain of ideas.



COMPANY ASTRALPOOL Philosophy

About us Professionals
Facilities Our space
Projecting ideas Our inspiration
ASTRALPOOL in the world Global presence
R&D Research



ASTRALPOOL, with over 40 years of experience, is the leading brand name in the world of the swimming pool and ornamental fountains.

The **ASTRAL**POOL trademark is sold in over 170 countries. It directly sells its products in 43 countries through a network of companies owned by **Fluidra**, comprisin a total of 150 subsidiaries, warehouses and branch offices. Over 40.000 professionals and 200.000.000 pools use one of our 15.000 products.

Completely innovative and sustainable solutions

Over and above functionality, the products and solutions offered by **ASTRAL**POOL deliver sustainable responses that enable users to save water and look after the environment while they enjoy their pools and ornamental fountains.

For all of these reasons and many more, our systems and components for public and private pools and fountains are and will continue to be world leaders. We set the benchmark for professionals and private home owners.

Let ASTRALPOOL surprise you once again.



"AstralPool takes a technical approach to the analysis of each project, delivering solutions that make installation and maintenance easier"

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CLIENT CONNECTION

The **ASTRAL**POOL philosophy has always been to assist clients throughout the entire decision-making process. By providing a friendly and attentive service **ASTRAL**POOL seeks two-way communication and strives to make a connection with clients, always with an approach that best ensures a positive outcome. Client care, advisory services, dialogue and commitment are some of the keys to our success.

ASTRALCARE

ASTRALPOOL closely monitors each project every step of the way. Work is managed and supervised throughout the design, construction, installation and commissioning processes to ensure the utmost rigour and professionalism. Client communication is crucial for making monitoring as easy as possible, tailored to each project's needs.

ENGINEERING&RESEARCH

ASTRALPOOL has always been strongly committed to innovation and creativity. Taking a more creative approach to new projects, we work with the industry's most cutting-edge technology, researching new decorative systems and optimal solutions to create the most innovative effects.

CONCEPT DESIGN

Our work is focused on making unique fountains that reflect each client's individual concept. We transform water into architecture, blending water and nature to create dynamic shapes that integrate into the urban environment.



ANIMATION

To make it easier to evaluate designs, choreography and urban integration, **ASTRAL**POOL employs 3D animation to give clients a clearer picture of what the final results will look like. This makes it possible to quickly and visually understand the concept, creating an opportunity for clients to suggest changes to better adapt the project to their vision.

COREOGRAPHY

Ultimately, a fountain's most visible element are the movements of water and light. Choreography and sequences that feature water, music and light provide a colourful, dynamic and eye-catching show.

These movements are designed by **ASTRAL**POOL's experts, who supervise and manage every aspect of the choreography and sequences. As if it were a dance, a ballet: we believe that every water show is unique.

MANUFACTURING

Our technical team develops and manufactures most of the material, which is tailor-made for each project. Each fountain is a new challenge and therefore requires a customised design in which each piece is developed and adapted to the project's particular requirements. This ensures that each design fits the client's needs and vision.

INSTALLATION&COMISSIONING

To ensure that each project runs smoothly, ASTRALPOOL relies on an expert team of technicians who handle the end-to-end installation of new fountains, from properly installing all machinery to setting up all the electrical programming prior to the fountain's commissioning. This guarantees a flawless installation from start to finish.



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Facilities Our space Projecting ideas Our inspiration ASTRALPOOL in the world Global presence R&D Research





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> The success of ASTRALPOOL is based on the knowledge and experience of our professionals. Each and every team member contributes and projects ideas, solutions and resources that daily enhance the solutions we propose.

> Every challenge, every new project is a reason to improve and implement those solutions, those small details that enhance the product and help to evolve and grow our vision of what business means.





"Each fountain is practically handcrafted, every detail matters"

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COMPANY

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"We design projects with a forward-looking approach, that are sensitive to the environment and adapt to its needs"

COMPANY Production centre

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R&D Research

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"Our modern facilities make it possible for us to plan, study and execute each of our products"



ASTRALPOOL Philosophy About us Professionals Facilities Our space

Projecting ideas Our inspiration

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Projecting ideas

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ASTRALPOOL mission is to drive society's progress through the sustainable use of water in its range of recreational, domestic and industrial applications.

Water is what we are all about and, as a result, all of ASTRALPOOL's activities are based on the commitment to its responsible use. Savings on costs and reuse of resources underpin any line of action the Group pursues and serve as the basis for product development.

We are committed to promoting the responsible use of water and the rigorous application of sustainability criteria for future generations. We have the ability to adapt with ease, efficiency and rigour, projecting our ideas in an environment we respect and strive to improve.





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R&D Research

ASTRALPOOL IN THE WORLD

We are one of Spain's largest industrial groups with a global presence. We have our own production centres and a distribution network that operates on five continents.

"ASTRALPOOL's global presence is our biggest challenge and project for the future"







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"We promote a culture of innovation with enthusiasm and creativity in order to meet new challenges"



R&D&I is the foundation of our competitiveness. Using the cleanest and most efficient technologies possible, along with developing products based on the environmentally sustainable use of water, are the main focus of the Group's innovation policy.

Dream, do, grow.









I would like us to attach importance to things again

In **ASTRAL**POOL we have worked with some of the most worldwide know Architecture offices, collaborating in the design of the fountains, creating new products and adapting the technologies in order to find solutions for each project.

We have participated in all the stages of the project, from the fist thought and design, to the basic and executive projection of the fountain, the manufacturing, supervision/installation, commissioning and choreography to get the best results.























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PROJECT PARQUE CIUDAD DE LOS NIÑOS













61

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PROJECT SLAVYANSKY MALL ARCHITECT PAVEL KAMYSHNIKAU


































PROJECT LA ZENIA

























PROJECT FIRA GRAN VIA – BARCELONA, SPAIN **ARCHITECT TOYO ITO**







PROJECT FIRA GRAN VIA – BARCELONA, SPAIN





















89













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_101











DETAILS

CUSTOMIZABLE FOUNTAINS FUNSQUARE FOUNTAINS



Designed to be the funniest area for the whole family, "Funsquare" represents an amount of high speed and interactive vertical jets. It performs a sequence of ornamental effects, choreographies and games thought to be crazily played. The areas where the Funsquare is located strengthen its activity.

This effect not only causes the animation of the water and light, but also the music plays a key role creating magical choreographies. Different types of sensors such as weight, presence, pressure, ropes to pull, cameras, etc., add even more interactivity and variations to the game. Ask us for them!

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Dimensions (L x W x H) [m] Light type Light Nominal Voltage [V] Pumps Nominal Voltage [V] Power [W] Jet diameter [mm] Maximum jet height [m] Light control Funsquare system control Material Weight [kg] Protection class

4 x 4 x 0,6 others on request
RGB - DMX
24 VDC
230 VAC
Depending on the size
10 - 19
4
DMX
DMX / PLC
Stainless steel 316 / Others
Depending on the size
IP 68





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CUSTOMIZABLE FOUNTAINS

Historically, mural representations have been a way to communicate and represent all kind of elements. Through a combination of water and light, these representations will be revalued in an innovative and interactive way.

The effect introduces new technologies, providing the ability to represent shapes instantly, interacting with a digital tablet. Multitude of geometric combinations, organic figures, and texts have their place within the concept of "Interactive Curtain", where you could draw and create anything you want using water and light. Due to the force of gravity, it is important to highlight that the appropriate height should be lower than 4 meters. Interactive Curtain effect is perfect as an advertising support.



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CUSTOMIZABLE FOUNTAINS





This exclusive application for tablets and mobile phones allows complete and real-time interaction with the digital curtain (MF0001).

Through the application, the user can send text, existing images of the preprogrammed gallery or even create new pictures. It is available for Android and iOS devices.

	CODE: 66549	
	Curtain connection	WIFI
	Availability in Android	YES
	Availability in iOS	YES



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CUSTOMIZABLE FOUNTAINS WATER SCREEN



This ornamental effect creates a large water smooth semicircle which will become a perfect surface on which to project video and/ or images.

The size of the "Water Screen" effect is appropriate to be able to project the standard of panoramic HDTV (16:9).

The combination of this decorative element with a video projector or a laser projector will be an effect much more visually impressive and complete.

CODE: 66550	
Dimensions (L x W x H) [mm]	592 x 285 x 667
Inlet connection	Flange DN150
Screen dimensions range [m]	24 x 8 - 48 x 16
Flow range [m3/h]	110 - 260
Pressure range [bar]	6 - 12
Maximum water depth [mm]	500
Material	Stainless steel 316
Weight [kg]	80





CUSTOMIZABLE FOUNTAINS WATER CURTAIN



This ornamental effect creates a large Water Curtain film which will become a perfect surface on which to project video and/ or images. The size of the Water Curtain effect is appropriate to be able to project the standard of panoramic HDTV (16:9).

The combination of this decorative element with a video projector or a laser projector will be an effect much more visually impressive and

Dimensions (L x W x H) [mm]	2000 x 205 x 160 (standard)
Pressure curtain (max.) [bar]	2
Curtain flow per m [(m3/h)/m]	7
Watercurtain high	≤ 4
recommended [m]	
Material	Stainless steel 316 / Brass
Weight without water [kg/m]	20 kg/m
Weight with water [kg/m]	34 kg/m



CUSTOMIZABLE FOUNTAINS



One of the most innovative, stunning and amazing effect, is what we call the "Magic Curtain". Multitude of water droplets are suspended in the air, defying gravity.

The technology used in this ornamental system allows controlling the movement of water, and deciding the direction of the drops, either up or down, or even completely floating in the air.

This magic and intriguing effect acts defying the laws of fluid dynamics, capturing the attention of all eyes.

It should ideally be located in an interior with a dark surface behind.

CODE: 66555	
Dimensions (L x W x H) [mm]	1000 x 200 x 200 (standard)
Nominal Voltage [V]	230 VAC
Power [W/m]	500
Pressure (máx.) [bar]	1
Recommended height [m]	≤ 3
Material	Acero inoxidable 316
Protección Class	IP 68

CUSTOMIZABLE FOUNTAINS WATERFALL





This ornamental equipment produces a continuous water fall. As a result produces a soft sound of quiet and calm recreating the waves and the beach, either indoors or outdoors.

With its cutting edge design a perfect and uniform water film continuously along the whole cascade occurs (depending on the height to be placed).

It is made of AISI 316 stainless steel to ensure maximum resistance to rust and producing a high quality finish.

It's possible to maximize the ornamental effect adding a lighting system.

CODE: 66552	
Dimensions (L x W x H) [mm]	2000 x 385 x 290 standard,
	others on request
Fall pressure (max.) [bar]	0,5 (low pressure recommended
Flow per m [(m3/h)/m]	12,5 (e=15mm)
Material	Stainless steel 316
Weight [kg]	45





CUSTOMIZABLE FOUNTAINS GEYSER JET





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A large water jet, impressive and imposing is the effect you get with a "Geyser". As if it was a natural geyser, a large amount of water is thrown at a high altitude getting a line in the sky.

Combined with the appropriate lighting system, the Geyser is such a great visual image that can be seen from great distances, becoming a landmark in the landscape.

This ornamental effect can be placed in freshwater or saltwater, in the open sea, with a fixed or floating structure.

CODE: ·	
Dimensions (L x W x H) [m]	Depending on the size
Nominal Voltage [V]	400 VAC
Power [W]	Depending on the size
Jet diameter [mm]	On request
Jet height [m]	On request
Material	Stainless steel 316
Weight [kg]	Depending on the size
Protection class	IP 68



CUSTOMIZABLE FOUNTAINS



The illumination emphasizes the effect producing an unknown show of different colored particles. Cosmos can interchange the drops with another astonishing effect: small vertical jets extremely fast performing long games, with the ability to create high-speed chases, waves, games, etc.



ASTRALPOOL

CUSTOMIZABLE FOUNTAINS ARTIFICIAL LAKES



Artificial lakes take us to an environment of pure nature, reminding us of the natural origin of the earth and bringing us in contact with wildlife evoking peace and serenity and bringing an space to relax.

There are many different solutions depending on the salinity, type of water, environment, climate, etc. but also according to the desired option either artificial lakes without wildlife or fully naturalized lakes and self-sustaining. That is why it is necessary to study each case in detail to find the solution and accordingly the equipment required.

Portfolio of Solutions	
Filtration	Active Clear Glass / Ring Filters
Water treatment	Regulation and control equipment
Water recirculation	Submergible or horizontal solutions
Oxygenation	Oxygen dosing
UV	Different diameters and consumptions
Electromagnetic waves	Depending on water quality
Animals and plants	Different solutions



Urban artificial lake without plants and animals



Artificial lake in a Mall with plants an animals Oxygen dosing



Urban artificial lake without plants and animals

_115

JETS SPEAR NOZZLE



COLAD NOTIC

Spear Nozzle is the most polyvalent nozzle for the design of any ornamental fountain.

They are entirely made out of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and providing a stylish finish to the fountain. They can be made of brass on request.

It has an adjustable joint until 20° to correct the jet outlet in case of misalignment of manifolds or pipes, or to create parabolas without additional accessories.

NOZZLE REFERENCE INLET JET DINAMETER A DIMENSIONS BxC			SPEAR NOZZLE 8 66640 G 1/2″ M Ø 8 mm 80x27 mm		SPEAR NOZZLE 10 66641 G 1/2″ M Ø 10 mm 80x27 mm		SPEAR NOZZLE 12 66642 G 1″ M Ø 12 mm 115x42 mm		SPEAR NOZZLE 14 66643 G 1″ M Ø 14 mm 115x42 mm		SPEAR NOZZLE 16 66644 G 1-1/2″ M Ø 16 mm 160x57 mm		SPEAR NOZZLE 20 66645 G 1-1/2″ M Ø 20 mm 160x57 mm	
JETS HEIGHT [m]	l/min	mca	l/min	mca	l/min	mca	l/min	mca	l/min	mca	l/min	mca	l/min	mca
0,5	4,9	0,6	9,6	0,7	15,8	0,8	25,4	1,0	31	0,9	46	1,0	70	1,2
0,75	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	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	8,5	1,4	15,9	1,6	24,8	1,7	39,0	2,0	51	1,8	70	1,9	95	1,8
1,5	9,6	1,7	17,1	1,8	27,8	2,0	40,9	2,1	55	2,1	76	2,1	104	2,1
1,75	11,0	2,0	19,5	2,1	32,0	2,4	45,8	2,6	61	2,4	82	2,4	111	2,4
2	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	13,2	3,0	23,2	3,1	36,6	3,4	51,9	3,2	72	3,3	99	3,2	135	3,3
3	14,7	3,7	25,8	3,7	40,3	4,1	57,2	3,8	81	4,0	108	3,7	148	4,0
3,5	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	16,5	5,0	30,3	5,0	48,6	5,6	66,4	5,0	94	5,3	125	5,1	171	5,2
5			35,0	6,1	54,8	7,1	75,1	6,2	107	6,6	138	6,0	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



BIG SPEAR NOZZLE

R. EXT. [D] W.BSP

Ø[A]

Big Spear Nozzle is a nozzle designed for ornamental fountains with great height jets. They are made entirely of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain. They can be made of brass on request.

It has an adjustable joint until 10D to correct the jet outlet in case of misalignment of manifolds or pipes.

NOZZLE	BIG SPEAR	NOZZLE 25	BIG SPEAR NOZZLE 38 66647 G 4" F			
REFERENCE	66646					
INLET	G 2-1/2″ F					
Jet diameter a	Ø 25 mm		Ø 38 mm			
DIMENSIONS BXC	310x145 m	nm	450x185 mm			
JETS HEIGHT [m]	l/min	mca	l/min	mca		
10	440	13,5	895	13,0		
12,5	485	17,0	990	16,5		
15	550	20,0	1110	19,5		
20	615	27,5	1300	26,0		
25	680	34,0	1440	32,0		
30	760	42,0	1625	39,0		
35	810	48,0	1760	46,0		
40	865	55,0	1850	52,0		
50	970	65,0	2080	65,0		

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SWING DANCER JETS



As a ballet where the stage is located on the water, the "Swing Dancer Jet" effect provides a show of light, color and graceful movements that allow expressing feelings and emotions transmitted through the charisma of water and light.

The multidirectional spout generates unique movements that create lots of shapes and figures. The control will allow more and less speed, faster and slower dances and more dynamic and elegant movements.

CODE: 66556	
Dimensions (L x W x H) [mm]	820 x 420 x 600
Light type	RGB - DMX
Light Nominal Voltage [V]	24 VDC
Dancer Jet Nominal Voltage [V]	230 VAC
Power (Light) [W]	60
Power (Dancer) [W]	320
Power (Total) [W]	380
Nominal current [A]	1,7
Water Inlet connection	2″ G
Jet diameter [mm]	22 / 25 optional
Maximum water depth [mm]	400
Jet movement range X axis [°]	-70 / 70
Jet movement range Y axis [°]	-70 / 70
Jet movement velocity in axis X, Y [°/s]	0 - 250
Light control	DMX (3 channel)
Dancer Jet system control	DMX (6 channel)
Material	Stainless steel 316
Weight [kg]	48
Dynamic Jet Height	With individually pump and frequency inverter
Protection class	IP 68

JETS DANCER JET



201

260

364

Rhythmic and elegant movements, combined with the swing of the water provided by the "Dancer jet" contribute to create new sensations and dynamism solely by the movement of the fluid.

The combination of light and water effects make it something innovative and spectacular, and without any doubt, encourage the set of ornaments intended for the enjoyment of spectators.

The Dancer jet follows any kind of rhythm with its axis movement.

The sequence of units of this product enhances the effect exponentially, creating interesting shows extremely suggestive.

360

CODE: 66558	
Dimensions (L x W x H) [mm]	565 x 275 x 620
Light type	RGB - DMX
Light Nominal Voltage [V]	24 VDC
Dancer Jet Nominal Voltage [V]	230 VAC
Power (Light) [W]	30
Power (Dancer) [W]	160
Power (Total) [W]	190
Nominal current [A]	0,9
Water Inlet connection	1-1/2″ G
Jet diameter [mm]	16 / 19 optional
Maximum water depth [mm]	400
Jet movement range [°]	-70 / 70
Jet movement velocity [°/s]	0 - 250
Light control	DMX (3 channel)
Dancer Jet system control	DMX (3 channel)
Material	Stainless steel 31
Weight [kg]	24
Dynamic Jet Height	With individually
	frequency inverte

Protection class

274

)(AC/ ″ G 19 optional 70 50 (3 channel) (3 channel) ess steel 316 individually pump and ency inverter IP 68





GLASSY JET WITH JUMPING EFFECT

Crystalline laminar nozzle that does not split any drop of water from the beginning to the end, being a parabolic perfect path and working on the limits of the fluid dynamics laws, equivalent to a pipe of glass or fiber optics.

The Glassy jets drive the light inside the water during the whole path, illuminating only the water and not creating any lighting contamination.

There also exists the possibility of performing small cuts with the "Jumping" effect option, which obtains small pieces of water that fly following the parabolic path.



ASTRALPOOL

Dimensions (L x W x H) [mm]
Light type
Light Nominal Voltage [V]
Jumping Nominal Voltage [V]
Power (Jumping) [W]
Power (Light) [W]
Power (Total) [W]
Water Inlet connection
Jet diameter [mm]
Maximum water depth [mm]
Jet rake range [°]
Light control
Jumping system control
Material
Weight [kg]
Dynamic parabola
Maximum parabola of water
Flow (max. parabola) [m3/h]
Pressure (max. parabola) [bar]
Hydrualic operation

CODE: 66560	CODE: 66562
330 x 230 x 470	490 x 350 x 700
RGB - DMX	RGB - DMX
24 VDC	24 VDC
24 VDC	24 VDC
24	24
4,5	4,5
28,5	28,5
1″ G	1″ G
12 standard / 14 optional	16 standard / 18 optional
300	470
30-90	30-90
DMX (3 channel)	DMX (3 channel)
Relay / DMX (1 channel)	Relay / DMX (1 channel)
Stainless steel 316	Stainless steel 316
12	20
With individually pump and	With individually pump and
frequency inverter	frequency inverter
4	6
2	4,2
0,4	0,6
130 microns filtered water	130 microns filtered water
	/

JETS GLASSY JET

Crystalline laminar nozzle that does not split any drop of water, from the beginning to the end, being a parabolic perfect path and working on the limits of the fluid dynamics laws, equivalent to a pipe of glass or fiber optics.

The Glassy jets drive the light inside the water during the whole path, illuminating only the water and not creating any lighting contamination.

There also exists the possibility of performing small cuts with the "Jumping" effect option, which obtains small pieces of water that fly following the parabolic path.

CODE: 66561

CODE: 66559



Dimensions (L x W x H) [mm]
Light type
Light Nominal Voltage [V]
Jumping Nominal Voltage [V]
Power (Jumping) [W]
Power (Light) [W]
Power (Total) [W]
Water Inlet connection
Jet diameter [mm]
Maximum water depth [mm]
Jet rake range [°]
Light control
Jumping system control
Material
Weight [kg]
Dynamic parabola
Maximum parabola of water
Flow (max. parabola) [m3/h]
Pressure (max. parabola) [bar]
Hydrualic operation

CODE: 66559	CODE: 66561
300 x 230 x 380	490 x 350 x 700
RGB - DMX	RGB - DMX
24 VDC	24 VDC
-	-
-	-
4,5	4,5
4,5	4,5
1″ G	1″ G
12 standard / 14 optional	16 standard / 18 optional
300	470
30-90	30-90
DMX (3 channel)	DMX (3 channel)
Relay / DMX (1 channel)	Relay / DMX (1 channel)
Stainless steel 316	Stainless steel 316
10	18
With individually pump and	With individually pump and
frequency inverter	frequency inverter
4	6
2	4,2
0,4	0,6
130 microns filtered water	130 microns filtered water

JETS ROCKET JET



The "Rocket jet" effect will act like directed explosions and will rise up to big heights really fast over the buildings.

This effect has an independent and extremely fast drive that can reach variable heights up to 100 meters.

The explosion of water creates a perfect vertical line, becoming the center of attention.

The lighting reinforces the verticality, turning the water into a powerful beam of light, which rises at high speeds, drawing colored lines on the water.

The combination of several units of this effect will create spectacular chases of high speed sequences.

	CODE: 66564	CODE: 66565	CODE: 66566
Dimensions (L x W x H) [mm]	400 x 160 x 1180	420 x 180 x 1600	560 x 270 x 1750
Nominal Voltage [V]	24 VDC	24 VDC	24 VDC
Power [W]	7	7	7
Nominal Current [A]	0,3	0,3	0,3
Air Inlet connection	1/2″ G	1″ G	1-1/2″ G
Air pressure (max.) [bar]	4	10	25
Maximum water depth [mm]	1150	1570	1720
Minimum water depth [mm]	1100	1520	1670
Jet diameter [mm]	16	16	20
Water / Shot [I]	8	18	68
Jet height [m]	10	25	50
System control	Relay / DMX (1 ch.)	Relay / DMX (1 ch.)	Relay / DMX (1 ch.)
Material	Stainless steel 316	Stainless steel 316	Stainless steel 316
Weight [kg]	11	21	40



ROCKET JETS



The "Rocket jet" effect will act like directed explosions and will rise up to big heights really fast over the buildings.

This effect has an independent and extremely fast drive that can reach variable heights up to 100 meters.

The explosion of water creates a perfect vertical line, becoming the center of attention.

The lighting reinforces the verticality, turning the water into a powerful beam of light, which rises at high speeds, drawing colored lines on the water.

The combination of several units of this effect will create spectacular chases of high speed sequences.



CODE: 66563	
Dimensions (L x W x H) [mm]	825 x 180 x 650
Nominal Voltage [V]	24 VDC
Power [W]	7
Nominal Current [A]	0,3
Air Inlet connection	1/2″ G
Air pressure (max.) [bar]	2,5
Maximum water depth [mm]	620
Minimum water depth [mm]	570
Jet diameter [mm]	16
Water / Shot [I]	5
Jet height [m]	6
System control	Relay / DMX (1 channel)
Material	Stainless steel 316
Weight [kg]	9

JETS FIRE JET

The stylized, tall and controlled fire jet produce an eye-catching effect, not commonly seen, and even less in a fountain! Fire has always been an important element that emanates power and strength, and in a fountain spectacle, it can add the cherry on the cake.

Water and fire, two opposed elements that marry perfectly when we offer a magic show; an explosive combination and also the most impressive. The hard work done leads in a new concept: a variety of colors for the fire jets: blue, yellow, green,...

The fire treatment offered does not smell or produce smoke because it does not use gas or fuel, becoming a clean flame, clear and without smoke. The fluid that creates the fire is a product of easy availability everywhere.

Ø 250



378



CODE: 66567	
Dimensions (L x W x H) [mm]	250 x 250 x 380
Nominal Voltage [V]	230 VAC
Power [W]	500
Nominal Current [A]	2,7
Inlet connection	1/4″ G
Pressure (max.) [bar]	16
Maximum water depth [mm]	250
Jet height [m]	6 - 10
System control	Relay / DMX (1 channel)
Material	Stainless steel 316
Weight [kg]	6
Protection class	IP 68



JETS BUBBLE JET



It is now a reality to have thousands of bubbles floating in a fountain spectacle. Bubble jet produces huge quantities of bubbles with different sizes both small and large.

Imagine surrounding yourself and the spectacle you are watching with bubbles creating an special illumination with the reflexes of thousands of units, the feeling of being inside a tale, in a wonderland on a stream of bubbles.

CODE: 66568	
Dimensions (L x W x H) [mm]	252 x 480 x 500
Nominal Voltage [V]	230 VAC
Power [W]	200
Nominal Current [A]	1,1
Inlet connection	1″ G
Consumable fluid	Bubble fluid
Fluid consumption [l/h]	1,5
Bubbles diameter [cm]	15 - 20
Capacity [l]	6
System control	Relay / DMX (1 ch.)
Material	Stainless steel 316
Weight [kg]	9
Protection class	IP 66

INTERACTION INTERACTION



InMotion system is a modern and technologic way to control the fountain actuations; in which the users will be able to manage and control, by using their own body signals and gestures, the fountain actuations. This way, once the user rise the arms, the jets will grow fast; when the user lower arms, the fountain acts acordingly.

This system turns even more aproppiate for funsquare type fountains, and in the ones with Swing Dancer or Dancer jets.

CODE: 66573

Detection range [m]	
Connection	
Recognized gestures	

5 – 10 m
Ethernet
Dynamic gestures
Static gestures







INTERACTION INTERACTIVE SENSORS & ROPES



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The interactive sensors are the perfect complement to be placed in any ornamental fountain.

Each sensor can produce a different variability into the fountain actuation in real time, producing a guaranteed fun for the whole family.

There are different types of sensors, buttons on the floor, ropes which detect traction or weight sensors, each one producing a different ornamental effect.

		· · · · · · · · · · · · · · · · · · ·
	CODE: BUTTON 66574 ROPE	66575 WEIGHT 66576
	Dimensions (L x W x H) [mm]	300 x 300 x 263
	Nominal Voltage [V]	24V DC
	Output	Digital Output / Analog Output
	Inlet Connection	1″
	Material	Stainless steel 316 - PE-HD -500
	Weight [kg]	5
V.		



INTERACTION COMUNICATION



Total control system of illumination by PC or through a programmable and autonomous module.

It is composed by the OnDMX module (USB-DMX interface) and an intuitive software, it grants to the user a total control of a projector or group of projectors.

It allows the colour choice among more than 16 million colours.

The system turns into the ideal solution for the practically indefinite creation of scenes of duration with spectacular results.

System that allows elaborating scenes of illumination of fountains and great water spaces, distinguishing focuses individually or for groups. It includes an easy programmable software.

OnDMX version:

OnDM)

- It can work with the PC or autonomously
- 3 buttons to choose the scenes, in autonomous mode
- 512 DMX output channels
- Memory to store more than 7000 steps
- Plug&Play
- USB 1.0 and 2.0 compatible

The OnDMX PRO version synchronizes three elements, water, light

and music. Furthermore it consists of 1024 DMX output channels.

CODE: 66596	CODE: 66597
OnDMX	OnDMX PRO
(Controller + Software + Manual + Power supply	(Controller + Software + Manual)
with USB connector)	



Create scenes The Software allows creating scenes in a simple way. For every scene, steps and repetitions can be programmed.

"Direct" or "Autonomous" mode The illumination can be controlled from the computer or recording the scenes in the autonomous module and being executed from it.





ILLUMINATION NANO LEDS



The wall fitting despite its small dimensions offers a considerable light output. Ideal for jets lighting up to 2 meters in ornamental fountains or underwater applications, indoor and outdoor installations where small dimensions are required.

CODE: 66580 RG	B – DMX	CODE: 66581 WHITE
Lumens	White RGB	250 lm 150 lm
Power	RGB DMX White	150 lm 4.5W
Efficiency	RGB RGB DMX	4.5W 2.5W
Nominal Voltage	White RGB RGB DMX White RGB RGB DMX	55.5 lm/W 60 lm/W 60 lm/W 12 V AC 12 V AC 24 DC
Life Span		L70 - 50.000h
Colour		12
Connection cable		2 x 1,5 mm2



ILLUMINATION MINITION

Wide



The MINI projector is the best option to illuminate ornamental fountains, small swimming pools and spas. Only 3 Leds are used, but due to its high level of lighting, it reaches similar levels to traditional lamps.

Any of the MINI models (RGB-DMX or Monocolor) can be connected directly using a 2-wires cable to a DMX Driver or a 12V AC output of a safety transformer.

For the electrical connection of the RGB-DMX models, it is necessary to use a DMX Power supply, code MF0047 or MF0048.

CODE: 66582	RGB – DMX	CODE: 66583 RGB - DMX
Lumens	White	315 lm
	RGB	186 lm
Power	White	9 W
	RGB	6 W
Efficiency	White	35 lm/W
	RGB	31 lm/W
Nominal Volta	ge	12 VAC / 24 VDC
Life Span		L70 - 50.000h
Colour		12
Connection ca	ble	2 x 1,5 mm2



ILLUMINATION CIRCULAR LEDS

LED projector donut type, high resistance, and made of stainless steel. Ideal RGB light for ornamental fountains and jets, in which the projector surrounds the nozzle.

High-power projector for full lighting supply of the jet. It comes with an internal thread of 1 $\frac{1}{2}$ " and wire connections.

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CODE: 66590	
Lumens	902 lm
Power	30 W
Efficiency	27 lm/w
Optical	
Narrow	18º
Medium	24°
Wide	32°
Nominal Voltage	24 VDC
Life Span	L70 - 50.000h
Colour	RGBW-DMX
Connection cable	2 x 1mm2



168

ILLUMINATION HALOSPOT LEDS

85 41 Ø130



High-resistance projector, made in stainless steel. It is ideal for ornamental fountains and water jets.

It should be installed completely submerged in water. It is provided with stainless steel support, screws and fixing elements

	CODE: 66584 RGB – DMX	CODE: 66585 WHITE
Lumens	White	1.100 lm
	RGB	1.100 lm
Power	White	16W (23VA)
	RGB	22W (31VA)
	RGB DMX	21W (21VA)
Efficiency	White	68,7 lm/W
	RGB	50 lm/W
	RGB DMX	52,3 lm/W
Nominal Voltage	White	12 VAC
	RGB	12 VAC
	RGB DMX	24 VDC
Life Span		L70 - 50.000h
Colour		12
Connection cable		2 x 1,5 mm2

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10

ILLUMINATION PAR V1 V2 LED



High performance underwater lamp. Thanks to its optic, the projection of light is maximised, making the most of its intensity and reducing light loss and light pollution to a minimum.

The PAR56 has a life span 100 times greater and an energy consumption 4 times lower than the traditional 300W incandescent lamp.

CODE: 66586 RGB		CODE: 66587 WHITE		
Lumens	White	4.3220 lm		
	RGB	2.544 lm		
Power	White	58 W (60VA)		
	RGB	48 W (64VA)		
Efficiency	White	74,48 lm/W		
	RGB	53lm/W		
Nominal Volta	age	12 VAC		
Life Span		L70 - 50.000h		
Colour		12		





ILLUMINATION LED STRIP

The linear projector with LED technology made with stainless steel profile AISI 316.

Polyvalent product which allows multiples and different combinations, installations and uses. Highly versatile with a protection index IP68 results the ideal element for the decorative lighting for indoor, outdoor and aquatic atmosphere. Includes attachment clips.

	CODE: 66	592 RGB	CODE: 665	93 WHITE
Lumens	White		RGB	- 246 lm
Consumption	16 W			
Efficiency	White	- 25 lm/W	RGB	- 15 lm/W
Voltage	24 V DC			
Life Span	L70 - 50.0	00h		
Colour	12			
Connection cable	White	- 2 x 1 mm2	RGB	- 4 x 0.75 mm2
Body Material Aisi				
316 (*)Anode com-				
mond connection				



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DMX DRIVER / DMX DRIVER EPS



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Designed to be the funniest area for the whole family, "Funsquare" represents an amount of high speed and interactive vertical jets. It performs a sequence of ornamental effects, choreographies and games thought to be crazily played. The areas where the Funsquare is located strengthen its activity.

CODE: 66594 DMX DRIVER	
MF0047 DMX DRIVER	
Power supply voltage [V]	230 VAC
Maximum power [VA]	60
DMX channels	27
Indicator led	1 Power On, 1 bus DMX
CODE: 66595 DMX DRIVER EPS	
MF0047 DMX DRIVER	
Power supply voltage [V]	230 VAC
Maximum power [VA]	60
DMX channels	27
Indicator led	1 Power On, 1 bus DMX





135



The Level Control System provides a complete solution to control level management to any fountain. This system allows the automatic fountain filling and a security system for pumps in case of very low water level of the fountain.

The Level Control Sensor is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

CODE: 66636 LEVEL CONTROL SENSO	R
Dimensions (L x W x H) [mm]	95 x 52 x 185
Level range [mm]	100
Difference between levels [mm]	20
Number of electrodes	5
Cable included	5 x 1 10 m
Material	Stainless steel 316
Weight [kg]	1,5
Protection class	IP 68
CODE: 66637 LEVEL CONTROL UNIT	
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 class	IP20





This wind control system is the best way to avoid water loss of jets, and avoid wet the fountain environment or fountain spectators by wind action.

It allows to set up three states depending on wind speed: normal operation, reduced of fountain jet height and stop ornamental effects in case of very strong wind.

CODE: 66577 WIND CONTROL SENSOR	
Dimensions (L x W x H) [mm] Mesure Range [m/s] Voltage [V] Output [Hz] Cable included Material Weight [kg] Protection class	100 x 100 x 135 2 - 55 5 - 15 VDC 0 - 210 3 x 0,5 20 m ABS 1,2 IP 65
CODE: 66578 WIND CONTROL UNIT	
Dimensions (L x W x H) [mm] Mesure Range [m/s] Voltage [V] Inputs	53 x 66 x 92 Adjustable 230 VAC PNP/NPN or potential free contact
Outputs Display Indicator led Material Mounting	3 relay outpus up to 6A LCD 1 power, 3 outputs Plastic housing DIN rail
Protection class	IP20

COMPLEMENTARY PRODUCTS PIPE FITTING



The "Pipe Fittings" are the best way to make connections between pipes through the wall or the floor of the fountain.

Availability of standard interconnection from 1" to 4" and perfectly match each other.

All models are extremely robust and resistant to oxidation because they are manufactured entirely in AISI 316 stainless steel.

		L [mm]	А	B [mm]	C [mm]	D [mm]
66615	PIPE FITTING M-M 1"	220	1″	33,7	45	70
66616	PIPE FITTING M-M 1-1/2"	220	1 1/2″	48,3	60	75
66617	PIPE FITTING M-M 2"	220	2″	60,3	72	80
66618	PIPE FITTING M-M 3"	220	3″	88,9	100	120
66619	PIPE FITTING M-M 4"	220	4″	114,3	126	145
66620	PIPE FITTING F-F 1"	220	1″	33,7	45	70
66621	PIPE FITTING F-F 1-1/2"	220	1 1/2″	48,3	60	75
66622	PIPE FITTING F-F 2"	220	2″	60,3	72	80
66623	PIPE FITTING F-F 3"	220	3″	88,9	100	120
66624	PIPE FITTING F-F 4"	220	4″	114,3	126	145
66625	PIPE FITTING M-F 1"	220	1″	33,7	45	70
66626	PIPE FITTING M-F 1-1/2"	220	1 1/2″	48,3	60	75
66627	PIPE FITTING M-F 2"	220	2″	60,3	72	80
66628	PIPE FITTING M-F 3"	220	3″	88,9	100	120
66629	PIPE FITTING M-F 4"	220	4″	114,3	126	145



COMPLEMENTARY PRODUCTS PIPE FITTING



Availability of standard interconnection from 1" to 4" and perfectly match each other.

All models are extremely robust and resistant to oxidation because they are manufactured entirely in AISI 316 stainless steel.

		L[mm]	А	B [mm]	С	D	E
66630	PIPE FITTING FL-FL 3"	220	200	88,9	80	120	-
66631	PIPE FITTING FL-FL 4"	220	220	114,3	90	145	-
66632	PIPE FITTING FL-M 3"	220	3″	88,9	200	120	80
66633	PIPE FITTING FL-M 4"	220	4″	114,3	220	145	100
66634	PIPE FITTING FL-F 3"	220	3″	88,9	200	120	80
66635	PIPE FITTING FL-F 4"	220	4″	114,3	220	145	100







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This overflow is suitable for any type of fountain. It is ideal to keep the water level always stable and avoiding flooding.

It is available in two different models, depending on the surface of the fountain. Both models are manufactured in AISI 316 stainless steel to ensure high protection against rust and weather.

	CODE: 66612	CODE: 66613
Dimensions (L x W x H) [mm]	200 x 145 x 96	250 x 183 x 96
Connection	2″ G	3″ G
Material	Stainless Steel 316	Stainless Steel 316

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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: 66602	CODE: 66603	CODE: 66604	CODE: 66605
Dimensions (L x W x H) [mm]	160 x 160 x 92	160 x 160 x 92	240 x 240 x 117	240 x 240 x 132
Number of inlets	6	6	16	32
Cable diameter	5 - 14	5 - 14	5 - 14	5 - 14
Material	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316
Protection class	IP 68	IP 68	IP 68	IP 68





COMPLEMENTARY PRODUCTS CABLE INLET FITTING BOX



The Cable inlets Fittings 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 oxidation model manufactured entirely in AISI 316 stainless steel.

	CODE: 66606	CODE: 66607	CODE: 66608	CODE: 66609
Dimensions (L x W x H) [mm]	254 x 254 x 263	254 x 254 x 278	254 x 254 x 263	254 x 254 x 278
Connection	3″ G	3″ G	4″ G	4″ G
Number of inlets	16	24	16	24
Cable diameter	5 - 14	5 - 14	5 - 14	5 - 14
Material	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316
Assembled protection class	IP 68	IP 68	IP 68	IP 68



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: 66598	CODE: 66599	CODE: 66600	CODE: 66601
Dimensions (L x W x H) [mm]	70 x 70 x 120	80 x 80 x 120	140 x 140 x 150	170 x 170 x 150
Connection	1″ G	2″ G	3″ G	4″ G
Number of inlets	1	3	5	8
Cable diameter	5 - 14	5 - 14	5 - 14	5 - 14
Material	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316
Protection class	IP 68	IP 68	IP 68	IP 68















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