



Pools · Spa · Fountains

CATALOGUE

2026-27





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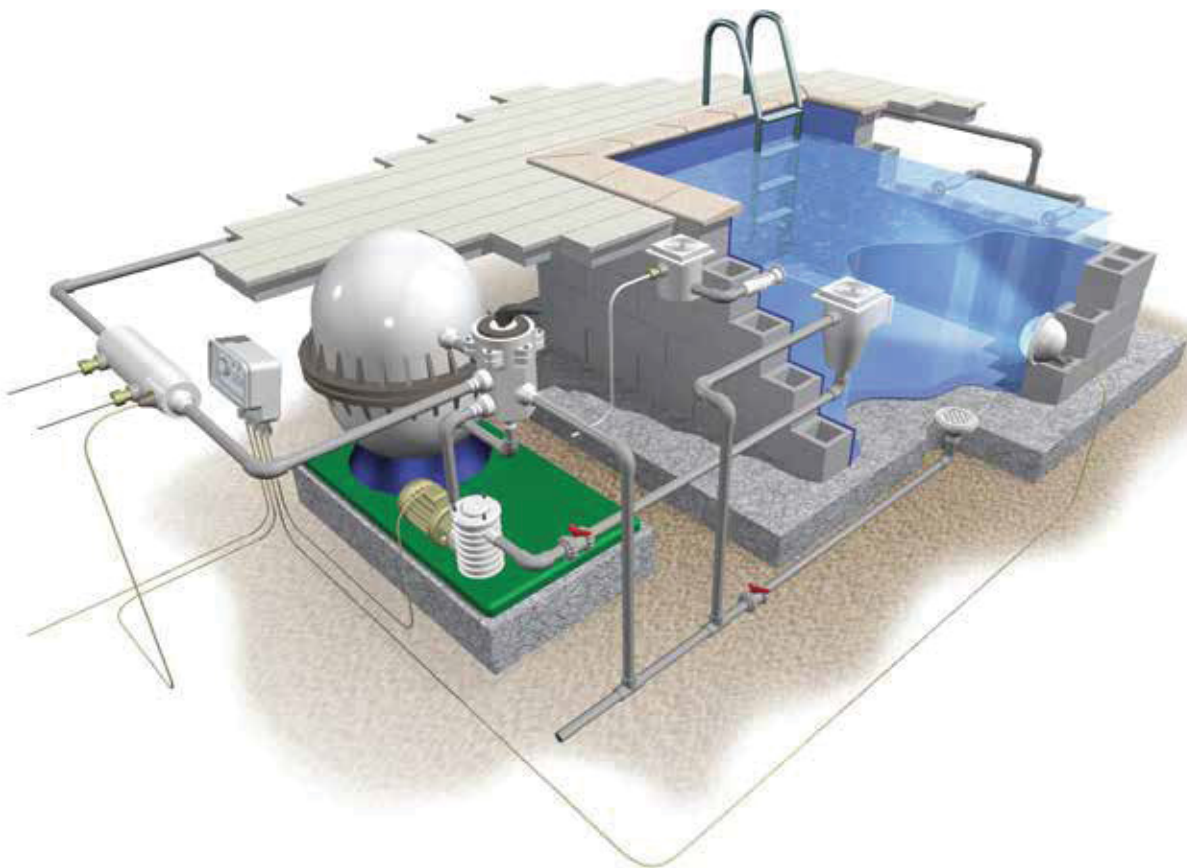


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INTRODUCTION

Drops pool is an emerging brand supplies to the world with highest standard of products in the field of swimming pools, fountains and spa. we are associated with big names of the industry through factories and manufacturing units all across the world focusing majorly on customer satisfaction and after the sales service.

we are a team of experienced professionals, who are dedicated to assisting the industry in a manner that is appropriate and efficient and able to help meet the growing demands of the swimming pools & fountains industry.



The background features a dynamic water splash in shades of blue. A large circular cutout reveals a lighter blue background behind the water. The water is captured in mid-air, with a thick, curved stream and numerous small bubbles scattered throughout.

SWIMMING POOL & FOUNTAIN PUMPS

Nova Inverter Pool Pump

36 dB

NOVA INVERTER POOL PUMPS from DROPS POOL are the most silent and energy saving pumps. It combines with full inverter technology, volute hydraulic system and DC brushless motor, not only allows the pump to run intelligently between 30~120% capacity to fulfill different application like filtration and backwash, but also reduces the sound level by more than 30 times and saving energy up to 90%.

Full Inverter Technology

The inverter drive can precisely control the pump speed round by round. It allows the running capacity to be automatically adjusted between 30~120%, which is most energy saving and silent.

Volute Hydraulic System

The Notice is isolated by the volute structure which makes more turbulence free flow at less noise compared with traditional diffuser type.

DC Brushless Motor

DC Brushless motor ensures the pump much less nose, higher efficiency and more durability.



NOVA - Dropspool

INTELLIGENT FULL TOUCH CONTROLLER

- **Auto inverter mode:**

After setting the water flow, the pump could automatically detect the system pressure and adjust the running capacity

- **Manual Inverter Mode:**

the running capacity can be set manually according to different application needs



Power Consumption Reading



Flow Reading



One-click Backwash

OTHER FEATURES



External control- RS485 modbus, Digital input, analog input, relay output.

It Allows The Pump To Be Operated By Other Equipments.



Wifi

The pump can be controlled anytime, anywhere



Ambient temperature: -10°C to 42°C

Water Temperature: 5°C to 50°C



Protection Class : Class F, IP55

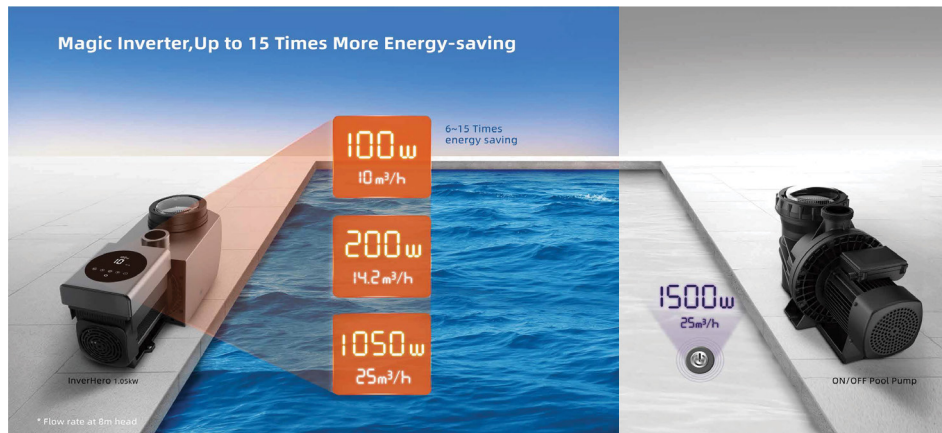


Soft Start - full protection on electrical system

start from 0 amp to rated amps steadily.



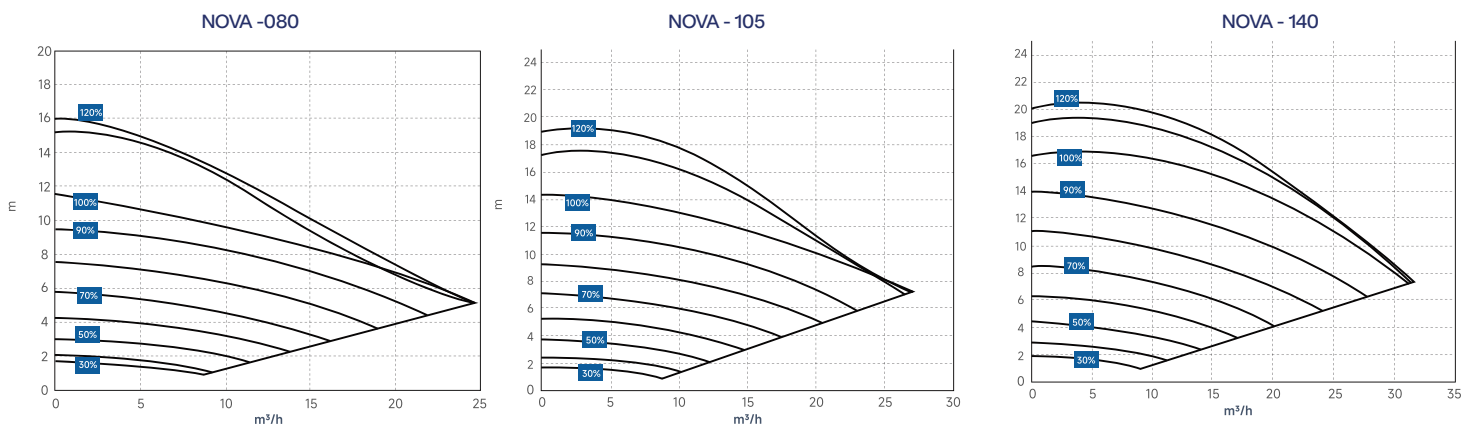
Pumps



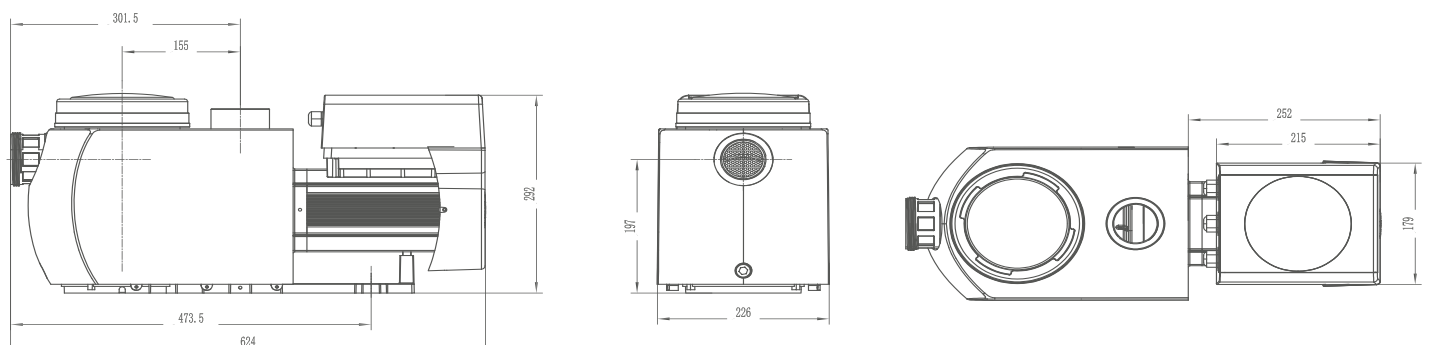
TECHNICAL PARAMETER

MODEL	P1 max KW	Voltage (V/Hz)	Qmax (m³/h)	Hmax (m)	Circulation Flow (m³/h)	
					8m	10m
NOVA - 080	0.80	220~240 - 50/60Hz	24.6	16.0	19.1	14.9
NOVA - 105	1.05	220~240 - 50/60Hz	27.1	19.0	25.1	21.1
NOVA - 140	1.40	220~240 - 50/60Hz	31.6	20.0	30.6	27.6

PERFORMANCE CURVE



Model	Packing Dimension (mm)
NOVA -080/NOVA -105/NOVA -140	710*320*430
Net. Weight	16.0
Gross. Weight	18.5



VELOCE PUMPS



VLP-050, VLP-075, VLP-101/103, VLP-151/153



VLP-201/203, VLP-301/303

SELF PRIMING ELECTRIC PUMPS

Pump head: 12.0 mt. ÷ 19.6 mt.

Delivery: 12 m³/h ÷ 33 m³/h

Rated output : 0.37 (0.5HP) ÷ 2.2 kW (3HP)

Applications

- Suited to swimming pool and filtering assemblies
- Also suited to salt water handling

Operating conditions

- Max ambient temperature 40° C
- Max water temperature 40° C.
- Max suction head up to 2 m
- Max. working pressure 3 bar.
- Liquid condition: clean liquids, whitout solids or abrasive substances, non aggressive, non viscouse, chemically neutral.

Motor and features

- Closed asynchronous two poles motor TEFC
- Insulation class F
- Protecion degree IP55
- Continuous operation S1
- Power supply: single-phase 230V-50Hz with thermal protection and capacitor permanently connected or three-phase 230/400-50Hz.

Self-priming centrifugal pump for recirculation and filtration of the water in small and medium sized pools with prefilter integrated.

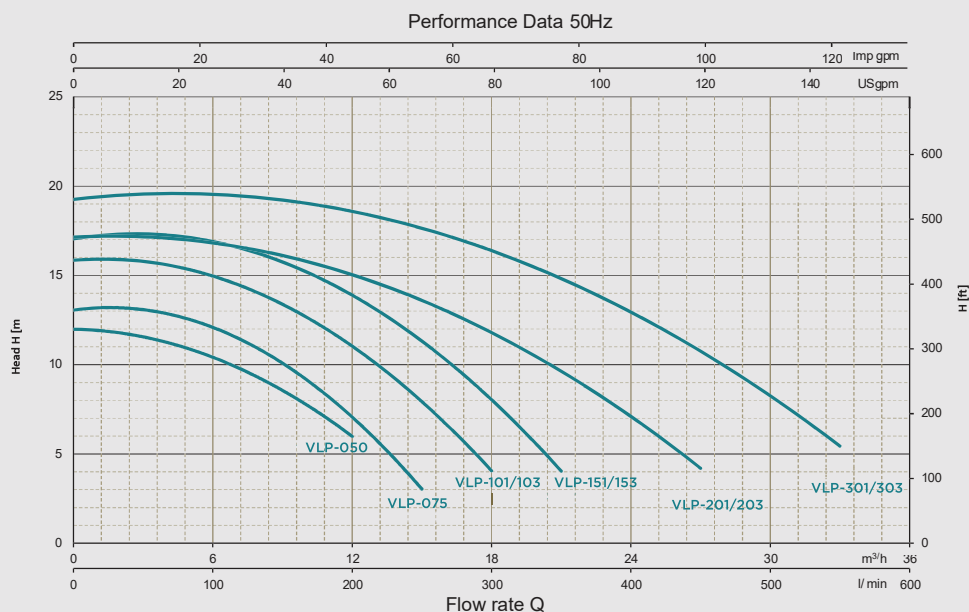
Available for eater with salt concentration up to 0,4% - 4gr./l.

Materials table:

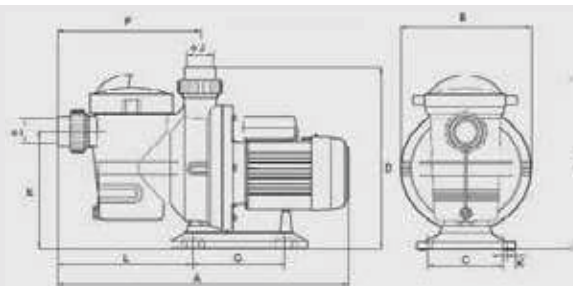


	COMPONENTS	MATERIALS
A	Pump body	PPGF30
B	Strainer cover	PPGF30
C	Impeller	PPGF30
D	Motor shaft	AISI 304
E	Mechanical seal	Sillicon and Graphite
F	Motor housing	Alluminum L-2521
VLP-201/203, VLP-301/303.		
G	Sealings	NBR / VITION
E	Mechanical seal	BT-Burgmann AISI 316
F	Motor housing	Stainless steel

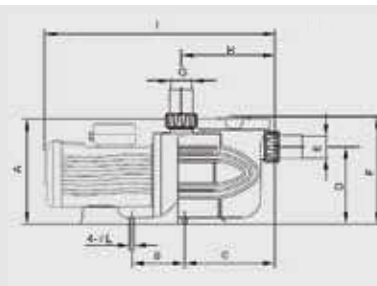
Pumps



MODEL		RATED POWER		I. max (A)		HYDRAULIC												
						l/ min.	0	50	100	150	200	250	300	350	400	450	500	550
single phase	three phase	Hp	kW P2	single phase	three phase	m³/h	0	3	6	9	12	15	18	21	24	27	30	33
VLP-050	—	0,50	0,37	3,1	—	—	12	11,5	10,5	8,5	6	—	—	—	—	—	—	—
VLP-075	—	0,75	0,55	3,1	—	—	13,5	12,4	12	10	8	2,5	-	-	-	-	-	-
VLP-101	VLP-103	1	0,75	4,2	1,6		16,5	15	14,5	13,5	11,5	8,5	3,5	-	-	-	-	-
VLP-151	VLP-153	1,5	1,1	5,3	2,0	H (m)	17,5	17	16,5	15,5	14	11,8	8,5	3,5	-	-	-	-
VLP-201	VLP-203	2	1,5	9,4	3,7		17,5	17	16,5	15,8	15,2	13,7	11,9	10	7	4	-	-
VLP-301	VLP-303	3	2,2	12	4,8		19,6	19,5	19,3	19	18,4	17,6	16,5	15	13	11	8,5	5



VLP-050 VLP-075, VLP-101/103, VLP-151/153



VLP-201/203, VLP-301/303

MODEL	DIMENSION IN mm												WEIGHT
	A	B	C	D	E	F	G	H	L	I	J	K	kg
VLP-050	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4 Ø10	10
VLP 075	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4 Ø10	10,5
VLP-101/103	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4 Ø10	11,5
VLP-151/153	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4 Ø10	12,5
VLP-201/203	266	134	229	195	Ø50	273	Ø50	238	11,5	595	190	154	18
VLP-301/303	266	134	229	195	Ø50	273	Ø50	238	11,5	595	190	154	20,5

VELOCE PLUS PUMPS



VLPP-403 / VLPP-553

VLPP-753

Swimming pools electric pumps

Pump head: 14,5 mt. ÷ 19 mt.
Delivery: 60 m³/h ÷ 130 m³/h
Rated output : 3 kW (4HP) ÷ 5,5 kW (7,5HP)

Applications

- Suited to swimming pool and filtering assemblies.
- Also suited to salt water handling.

Operating conditions

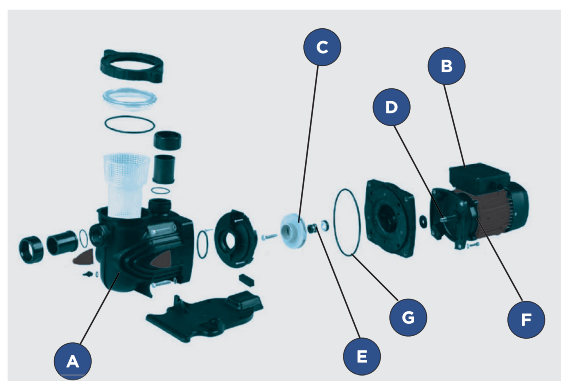
- Max ambient temperature 40°C.
- Max water temperature 40°C.
- Max suction head up to 2 m.
- Max. working pressure 3 bar.
- Liquid condition: clean liquids, without solids or abrasive substances, non aggressive, non viscous, chemically neutral.

Motor and features

- Closed asynchronous two poles motor TEFC.
- Insulation class F.
- Protection degree IP55.
- Continuous operation S1.
- Power supply: single-phase 230-50 Hz with thermal protection and capacitor permanently connected.

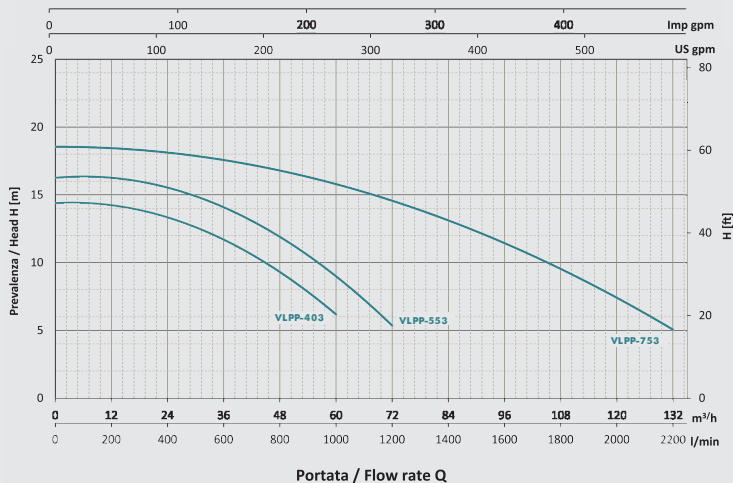
Self-priming centrifugal pump for recirculation and filtration of water in medium and big-sized pools with prefilter integrated.

Materials table:



Pos.	COMPONENTS	MATERIALS
A	Pump body	PPGF30
B	Strainer cover	PPOGF30
C	Impeller	PPOGF20
D	Motor shaft	AISI 316
E	Mechanical seal	Silicon and graphite
F	Motor housing	Aluminum L2521-
G	Sealings	NBR / VITON
E	Mechanical seal	BT-Burgmann AISI 316
F	Motor housing	Stainless steel

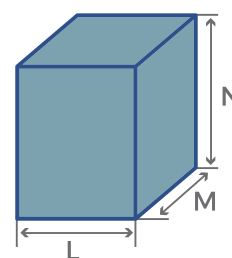
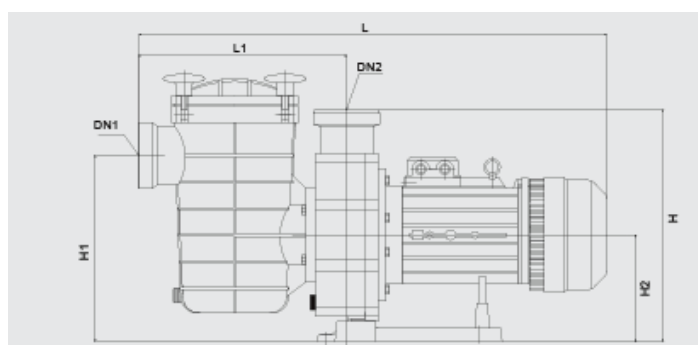
Prestazioni / Performance Data 50Hz



VELOCE PLUS PUMP CURVE

The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

Model	ELECTRICAL DATA						HYDRAULIC DATA												
	Phase	Volt	Hz	I ass.	P nom.		m³/h	0	9	18	27	36	45	54	60	72	90	108	120
				A	kW	HP		l/min.	0	150	300	450	600	750	900	1000	1200	1500	1800
VLPP-403	3 ~	400	50	6,4	3	4	H (m)	14,5	14,2	13,8	12,9	11,8	10	8	6	-	-	-	-
VLPP-553	3 ~	400	50	8,3	4	5,5		16,5	16,2	15,8	15	14	12,5	11	9,2	5	-	-	-
VLPP-753	3 ~	400	50	11,1	5,5	7,5		19	18,8	17,8	17,5	17,1	17	16,5	16	15	12,2	10	7



MODEL	DIMENSION IN mm							MODEL	PUMP DIMENSION IN mm			
	L	L1	H	H1	H2	DN1	DN2		L mm	M mm	N mm	Weight kg
VLPP-403	683	310	319	286	156	Ø75	Ø75	VLPP-403	350	750	420	37
VLPP-553	718	310	319	286	156	Ø75	Ø75	VLPP-553	350	800	420	42
VLPP-753	841	420	418	266	166	Ø110	Ø110	VLPP-753	380	930	520	50

TITAN



Submersible electric pumps for lightly sandy foul wastewater drainage

Alternated continue service

Pump head: 10,5 mt ÷ 16,5 mt.

Delivery: 18,0 m³/h ÷ 24,0 m³/h

Rated output: 0,6 kW (0,8 HP) ÷ 1,1 kW (1,5 HP)

Applications

- Cellar, garage and basement pump out.
- Particularly suited to construction work sites
- Swimming pools, all sorts of vats, tanks and resevoir Pump out.
- Garden and vegetable-garden irrigatio

Design engineering

- Double chamber electric pump (motor, mechanical seal).
- Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication.
- Sealing ring - engine face.
- Oil bath mechanical seals.
- Permissible draught of water: 5 m
- IP 68 protection class.
- Class F insulation
- Max. Pumped liquid temperature: 35°C.
- By pass section: 10 mm.

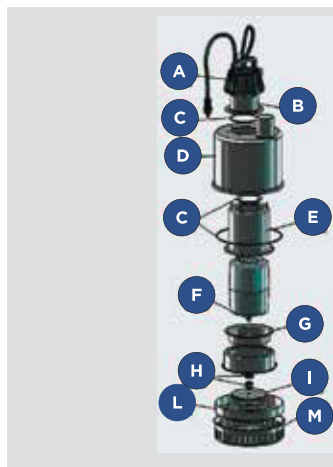
- Versions: Single phase: 220-277v/50hz or 220-277v/60hz with b in thermal protection and permanent capacitor.
Three phase: 220-277v/50hz or 380-480v/50hz and 2 60hz or 380-480v/60hz with overload protection care of the user.
- Automatic single phase versions with floater or manual Without floater.
- Standard cable features: Single phase: 5 metres the standard Version (automatic - manual).
Three phase: 10 metres

Customised voltage and frequency rating available on demand.

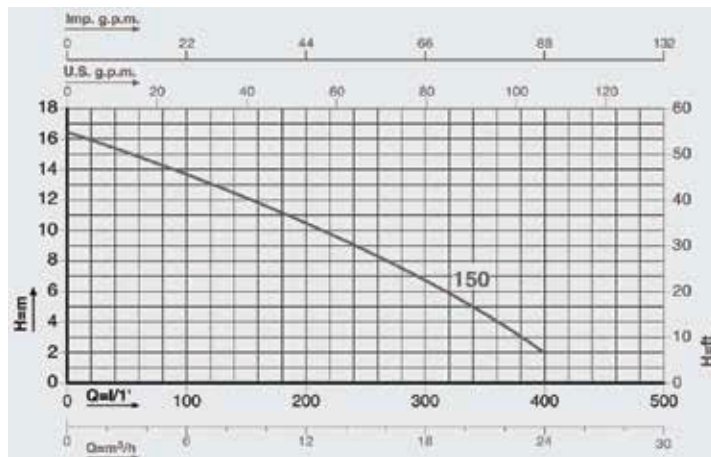
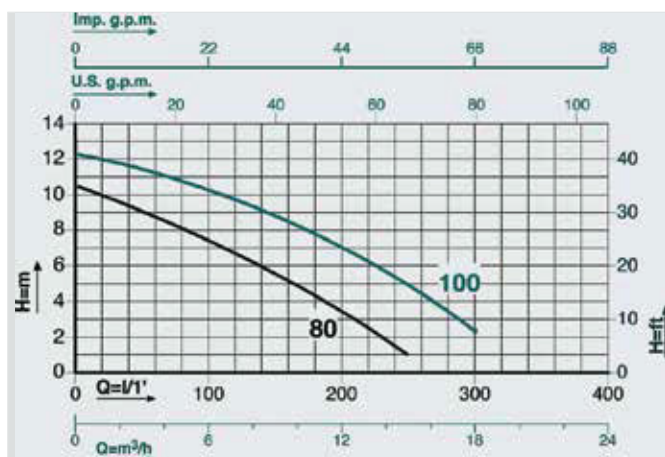
- Performances:
at 2800 rpm 50 Hz and 3450 rpm 60 Hz
- The performance data holds true for liquids:
p = 1,0 kg/dm³ density and a v= 1 mm²/s viscosity.

Pumps

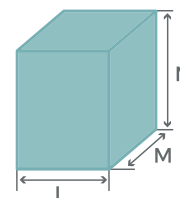
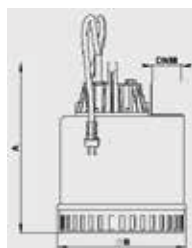
Materials table:



Pos.	COMPONENTS.	MATERIALS
A	Cover	Tecnopolymer
B	Undercover	aisi304 - Din 1.4301 Stainless steel
C	O-ring	
D	External motor	aisi304 - Din 1.4301 /Stainless steel
E	Motor housing	aisi304 - Din 1.4301 /Stainless steel
F	Shaft (pump side)	TITAN 80 aisi416 - Din 1.4405 /Stainless steel TITAN 100-150 aisi316 - Din 1.4401 /Stainless steel
G	Motor holder	aisi304 - Din 1.4301 /Stainless steel
H	Mechanical seal	Motor face Nbr seal ring Pump face Graphite - ceramic
I	impeller	
L	Diffuser	aisi304 - Din 1.4301/stainless steel
M	Suction base	



MODEL	VOLTAGE 50HZ	ELETRICAL DATA							HYDRAULIC								
		P1 max kW	P2 nom. kW	HP	I max Ampere	condensatore µF	VC	m³/h	0	3	6	9	12	15	18	21	24
TITAN 80 M	1 x 220 -230V	1,1	0,6	0,8	4,5	16,0	450		10,5	9,0	8,0	5,5	3,5	1,0	-	-	-
TITAN 100 M	1 x 220 -230V	1,5	0,75	1,0	6,5	20,0	450		12,5	11,5	10,5	9,0	7,0	5,0	2,5	-	-
TITAN 100 M	3 x 380 -400V	1,3	0,75	1,0	2,6	-	-	H (m)	12,5	11,5	10,5	9,0	7,0	5,0	2,5	-	-
TITAN 150 M	1 x 220 -230V	2,2	1,1	1,5	10,6	30,0	450		16,5	15,0	14,0	12,0	11,0	9,0	7,0	4,5	2,0
TITAN 150 M	3 x 380 -400V	2,0	1,1	1,5	3,3	-	-		16,5	15,0	14,0	12,0	11,0	9,0	7,0	4,5	2,0



MODEL	PUMP DIMENSION IN mm		
	DNM	A	B
TITAN 80	1"1/2	293	213
TITAN 100	1"1/2	293	213
TITAN 100	2"	333	213

MODEL	PACKING DIMENSION			
	L mm	M mm	N mm	
TITAN 80	220	320	340	8,5
TITAN 100	220	320	340	10,5
TITAN 100	250	290	460	18,5

SPF Series



pumps head: 8,0 mt ÷ 16, mt
Delivery: 9,0 m³/h+ 24, 0 m³/h
rated output: 0,25 kW (0,33 Hp) 1,1 kW (1,5Hp)

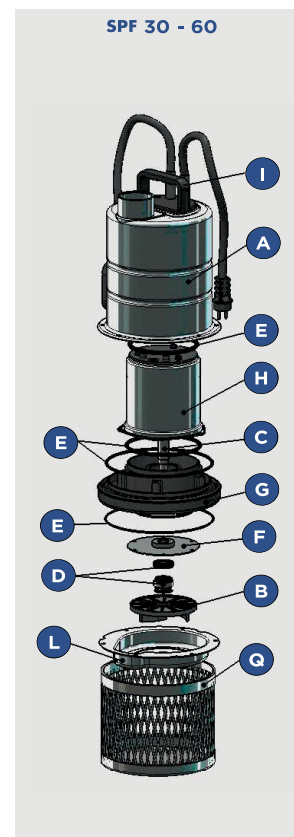
APPLICATIONS

- *Swimming pools emptying operations*
- *Water-play*
- *Alternated continue service*



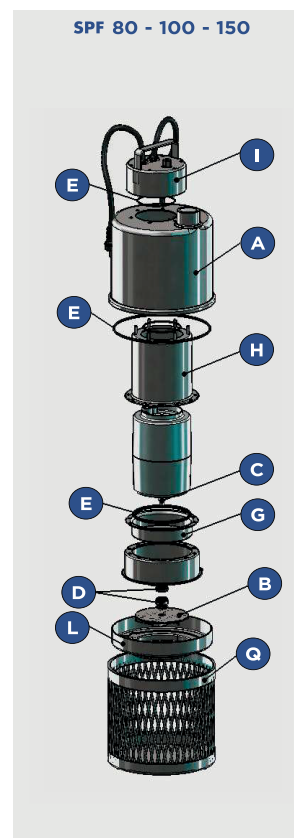
Pumps

- Double chamber electric pump (motor, mechanical seal)
- Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication
- Sealing ring - engine face
- Oil bath mechanical seals
- Permissible draught of water: 5 mt
- IP 68 protection class
- Class F insulation
- Max pumped liquid temperature: 35°C
- Version
 - Single phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor
 - Three phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the user
- Motor power:
 - from 0,25 kw (0,33 Hp) to 0,45 kw (0,6 Hp) only single phase version
 - from 0,6 kw (0,8 Hp) to 1,1 kw (1,5 Hp) single phase and three phase version
- Automatic single phase version with floater or manual single version, without floater
- Standard cable features
 - Single phase: 10 meters H07RN-F for the standard version (automatic-manual)
 - Three phase: 10 meters H07RN-F



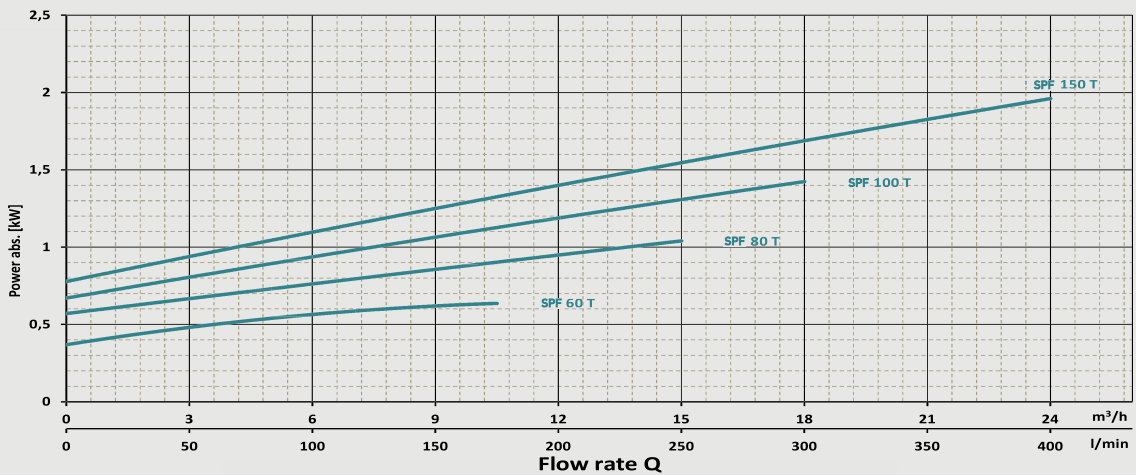
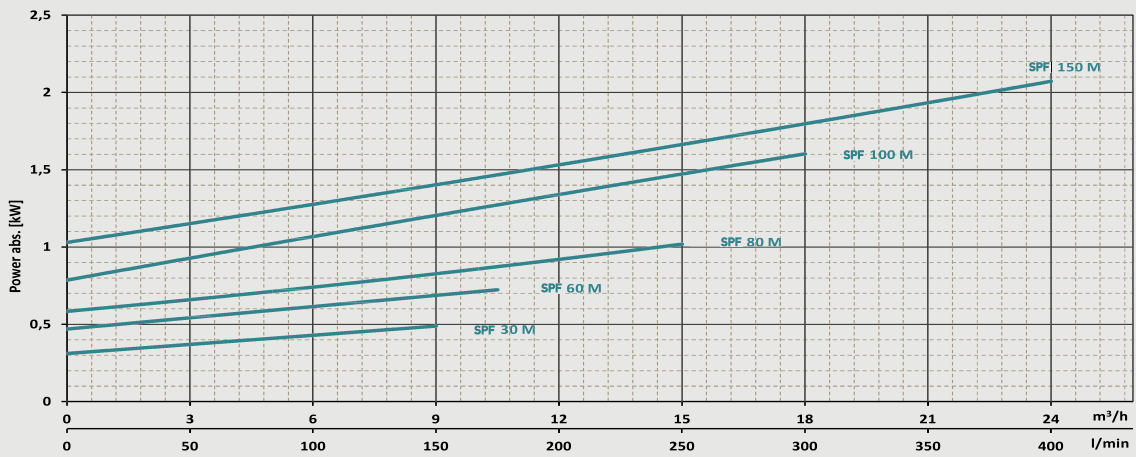
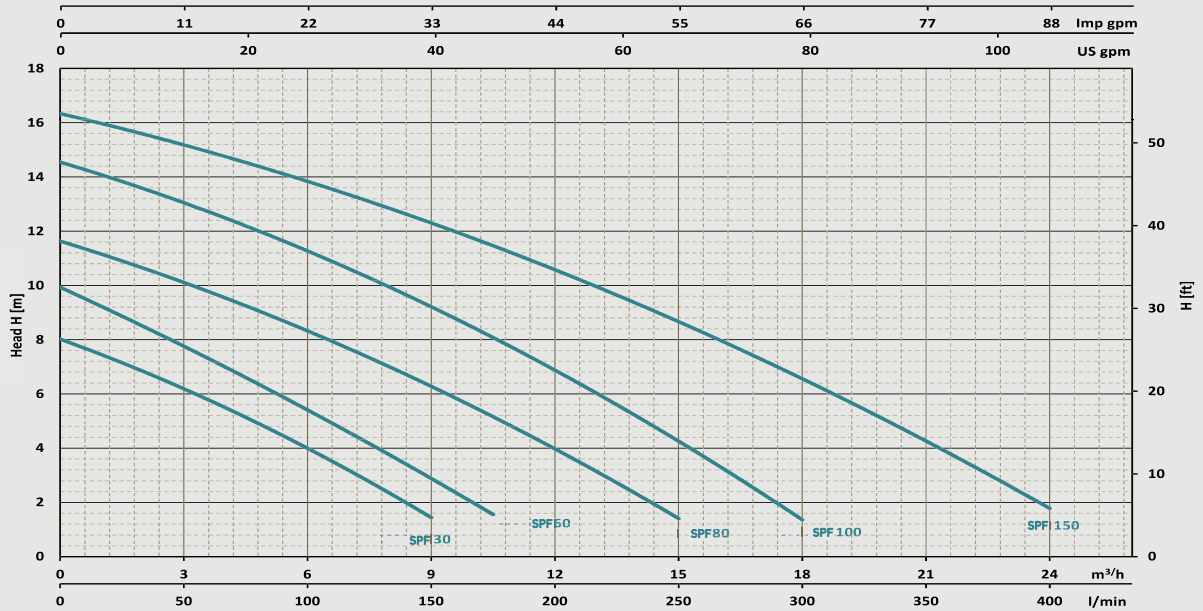
Customised voltage and frequency rating available on demand

MATERIALS TABLE			
COMPONENTS		MATERIALS	
External housing		Stainless steel 304	Din 1,4301
Impeller	SPF 30-60	Technopolymer	
	SPF 80-100-150	Stainless steel 304	Din 1-4301
Shaft (pump side)	SPF 30-60	Stainless steel 303	Din 1-4305
	SPF 80-100-150	Stainless steel 316	Din 1-4401
Mechanical seal	Pump face	Silicon carbide	
	Motor face	Nbr seal ring	
O-ring		Nbr	
Motor holder		Stainless steel 304	Din 1-4301
Motor housing		Stainless steel 304	Din 1.4301
Cover + handle	SPF 30-60	Technopolymer	
	SPF 80-100-150	Stainless steel 304	Din 1.4301
Diffuser	SPF 30-60	Stainless steel 304	Din 1.4301
	SPF 80-100-150	Din 1.4301 /Stainless steel 304 coated Hnbr rubber	
Filtro		Stainless steel 304	Din 1.4301



Pumps

Performance Data 50Hz



The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

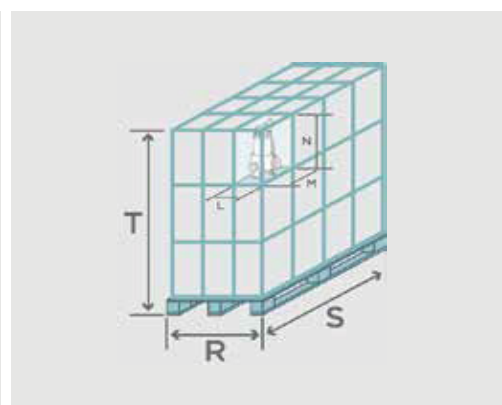
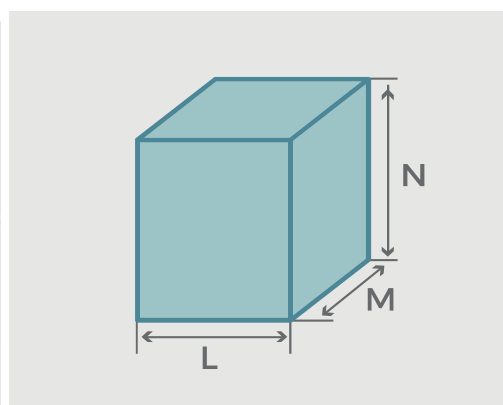
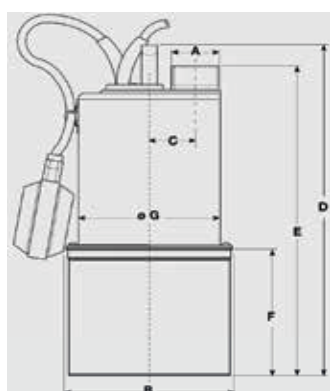
Pumps

Technical Data :

Model	ELECTRICAL DATA										HYDRAULIC DATA								
	Phase	Volt	Hz	P ass.	I ass.	P nom.		Capacitor		m3/h	0	2,4	4,5	7,2	9	10,5	15	18	24
				kW	A	kW	HP	µF	VC	l/min.	0	40	75	120	150	175	250	300	400
SPF 30 M AUT	1 -	230	50	0,5	2,2	0,25	0,33	8	450		8	6,6	5,2	2,9	1,5	-	-	-	-
SPF 30 M	1 -	230	50	0,5	2,2	0,25	0,33	8	450		8	6,6	5,2	2,9	1,5	-	-	-	-
SPF 60 M AUT	1 -	230	50	0,7	3	0,45	0,6	10	450		10	8	6,8	4,3	3	1,5	-	-	-
SPF 60 M	1 -	230	50	0,7	3	0,45	0,6	10	450		10	8	6,8	4,3	3	1,5	-	-	-
SPF 60 T	3 -	400	50	0,7	1,4	0,45	0,6	-	-		10	8	6,8	4,3	3	1,5	-	-	-
SPF 80 M AUT	1 -	230	50	1,1	4,5	0,6	0,8	16	450		11,5	10,5	9,5	7,5	6,2	5	1,5	-	-
SPF 80 M	1 -	230	50	1,1	4,5	0,6	0,8	16	450	H (m)	11,5	10,5	9,5	7,5	6,2	5	1,5	-	-
SPF 80 T	3 -	400	50	0,9	2,1	0,6	0,8	-	-		11,5	10,5	9,5	7,5	6,2	5	1,5	-	-
SPF 100 M AUT	1 -	230	50	1,5	6,5	0,75	1	20	450		14,5	13,5	12	10,5	9,5	8	4	1,5	-
SPF 100 M	1 -	230	50	1,5	6,5	0,75	1	20	450		14,5	13,5	12	10,5	9,5	8	4	1,5	-
SPF 100 T	3 -	400	50	1,3	2,2	0,75	1	-	-		14,5	13,5	12	10,5	9,5	8	4	1,5	-
SPF 150 M AUT	1 -	230	50	2	10,6	1,1	1,5	30	450		16,5	15,5	14,5	13	12,1	11,2	9	7	1,5
SPF 150 M	1 -	230	50	2	10,6	1,1	1,5	30	450		16,5	15,5	14,5	13	12,1	11,2	9	7	1,5
SPF 150 T	3 -	400	50	1,8	3,3	1,1	1,5	-	-		16,5	15,5	14,5	13	12,1	11,2	9	7	1,5

MODEL	PUMP DIMENSION						
	A	B	C	D	E	F	G
SPF 30 M	1"1/4	154	41	324	303	125	132
SPF 60 M/T	1"1/4	154	41	324	303	125	132
SPF 80 M/T	1"1/2	212,4	89,7	400	369	160	202,4
SPF 100 M/T	1"1/2	212,4	89,7	400	369	160	202,4
SPF 150 M/T	2"	212,4	89,7	440,2	408,2	160	202,4

MODEL	PACKING DIMENSION				PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso Weight kg	R mm	S mm	T mm	NR scatole	PESO Kg
SPF 30 M	190	230	410	5,5	800	1200	1790	80	450
SPF 60 M/T	190	230	410	6,2	800	1200	1790	80	506
SPF 80 M/T	260	300	530	9,0	800	1200	1220	24	241
SPF 100 M/T	260	300	530	11,0	800	1200	1220	24	289
SPF 150 M/T	260	300	530	18,0	800	1200	1220	24	457



DERBY-R



Submersible electric pumps for white water

Pump head: 5,6 mt ÷ 10 mt.
 Delivery: 7,5 m³/h ÷ 10,5 m³/h
 Rated output: 0,22 kW (0,3 HP) ÷ 0,6 kW (0,8 HP)

Applications

- Rain, seepage, sump pit and catch tank water pump out.
- Garden and vegetable-garden mini flood irrigation system rainwater catch tank pump down.
- White water pump over from reservoirs and vats.

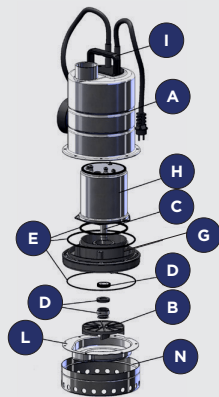
Design engineering

- Semi wet motor watercooled.
- Double mechanical seal: sealing ring, water bath mechanical seals (DERBY-R), oil bath mechanical seals (DERBY-R VOX).
- Permissible draught of water: 5 m.
- IP 68 protection class.
- Class "F" insulation.
- Max. Pumped liquid temperature: 35°C.
- By pass section: DERBY-R 10 mm - DERBY-R VOX 20mm.
- Versions: single phase: 220-277v/50 hz or 220-277v/60hz with built in thermal protection and permanent capacitor.
- Standard cable: Single phase : 5 metre H05F.

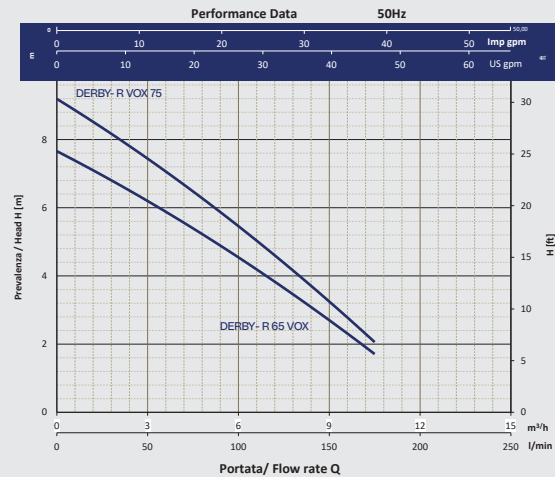
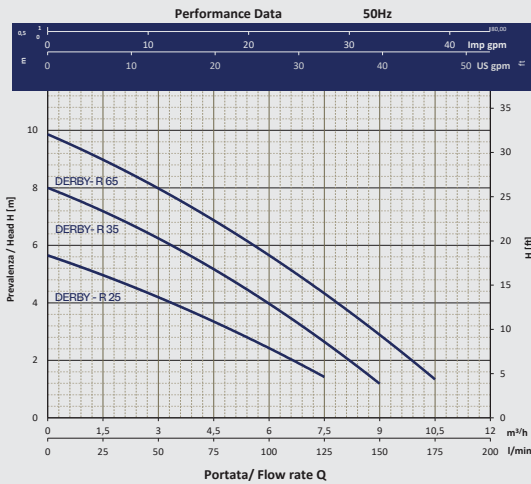
Customised voltage and frequency rating available on demand.

- The performance data holds true for liquids: $\rho = 1,0 \text{ kg/dm}^3$ density and $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

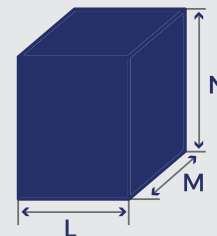
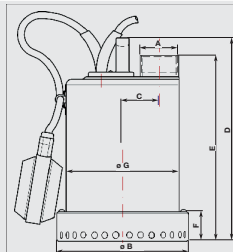
Materials table:



COMPONENTS.		MATERIALS	
A	External motor housing	Tecnopolymer	
B	External motor housing	DERBY-R	Tecnopolymer
		DERBY-R VOX	Din 1.4301/Stainless steel
C	Shaft (pump side)	Stainless steel	
D	Mechanical seal	Pump face	Graphite ceramic
		Motor face	Seal ring
E	O-ring		
G	Motor support flange	Tecnopolymer	
H	Motor housing	Din 1.4301/Stainless steel	
I	Cover	Tecnopolymer	
L	Diffuser	Din 1.4301/Stainless steel	
N	Suction base	Din 1.4301/Stainless steel	



Code	Model	Phase	Volt	Hz	ELECTRICAL DATA				HYDRAULIC DATA									
					P ass. kW	I ass. A	P nom. kW	Capacitor μF	m³/h	0	1,5	3	4,5	6	7,5	9	10,5	
DRB0250	DERBY-R 25 M AUT	1~	230	50	0,38	2	0,22	0,3	8	450	5,6	5	4,3	3,3	2,3	1,5	-	-
DRB0350	DERBY-R 35 M AUT	1~	230	50	0,5	2,2	0,3	0,4	8	450	8	7,2	6,2	5,2	4	2,6	1,2	-
DRB0650	DERBY-R 65 M AUT	1~	230	50	0,7	3	0,45	0,6	10	450	10	8,8	8	6,8	5,6	4,5	3	1,2
DBV0650	DERBY-R VOX 65 M AUT	1~	230	50	0,6	2,8	0,45	0,6	10	450	7,5	7	6,4	5,5	4,6	3,4	2,4	2
DBV0750	DERBY-R VOX 75 M AUT	1~	230	50	0,75	3,5	0,6	0,8	10	450	9	8,4	7,7	6,6	5,5	4,1	2,9	2,4



MODEL	PUMP DIMENSION IN mm						
	A	B	C	D	E	F	G
DERBY-R 25	1"1/4	154	41	249	228	50	132
DERBY-R 35	1"1/4	154	41	249	228	50	132
DERBY-R 65	1"1/4	154	41	249	228	50	132
DERBY-R 65 VOX	1"1/4	154	41	282	261	74	132
DERBY-R 75 VOX	1"1/4	154	41	282	261	74	132

MODEL	PACKING DIMENSION			Peso Weight kg
	L mm	M mm	N mm	
DERBY-R 25	220	190	330	5,0
DERBY-R 35	220	190	330	5,2
DERBY-R 65	220	190	330	5,9
DERBY-R 65 VOX	220	190	330	6,2
DERBY-R 75 VOX	220	190	330	6,5

Swim Jet P Series

InverTurbo Technology

Delivers class-leading water flow up to 4.2m/s for an intense and exhilarating waving experience.

PMSM Motor

Next-gen permanent magnet motor with up to 1250W output, offering higher efficiency and smoother performance than traditional motors.

Patented Flow Channel – Designed for Speed

Innovative internal flow design boosts water velocity to 240m³/h, reducing drag and maximizing propulsion.

Made to Last, Meant to Belong.

Next-Gen Design, Next-Level Pool Time

Intuitive & Remote Control



IGARDEN Swim Jet P Series

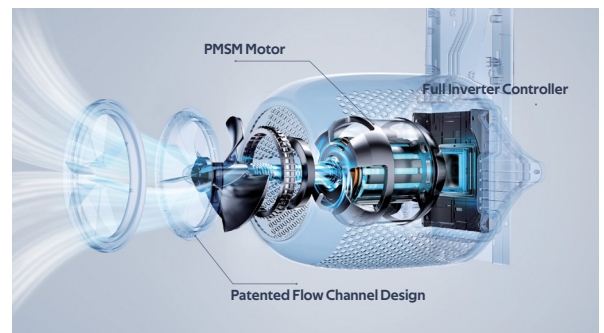
5 WAVING MODES

From Training to Play, Always Just Right.

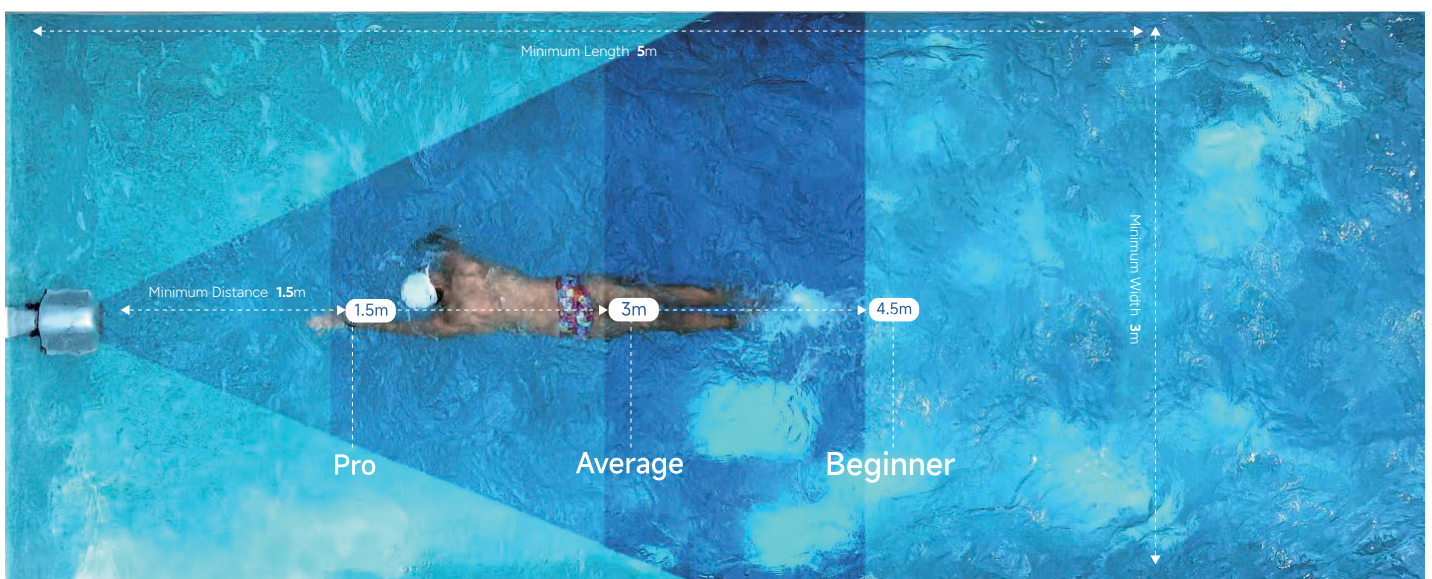
Our Inverter Drive seamlessly adjusts current strength to match your rhythm — with 5 finely tuned wave modes for everything from calm recovery to full-body resistance and playful family moments.

2x Larger Wave Area

Ideal for all-size pool from 5*3m



colour silver





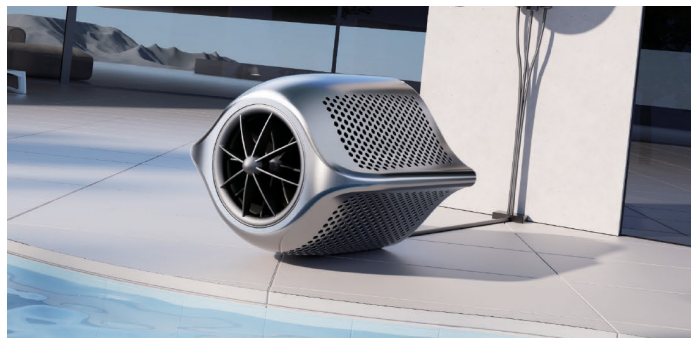
Remote Control



Mobile App Control



Touchscreen Panel Control



5 Swimming Training Modes

Mode	P1(Beginner)	P2(Intermediate)	P3(Advanced)	P4(Endurance)	P5(Surfing)
Inverter Speed	20%~35%	45%~70%	70%~85%	45%~65%	Surfing Waves
Duration	15mins	20mins	25mins	30mins	Optional

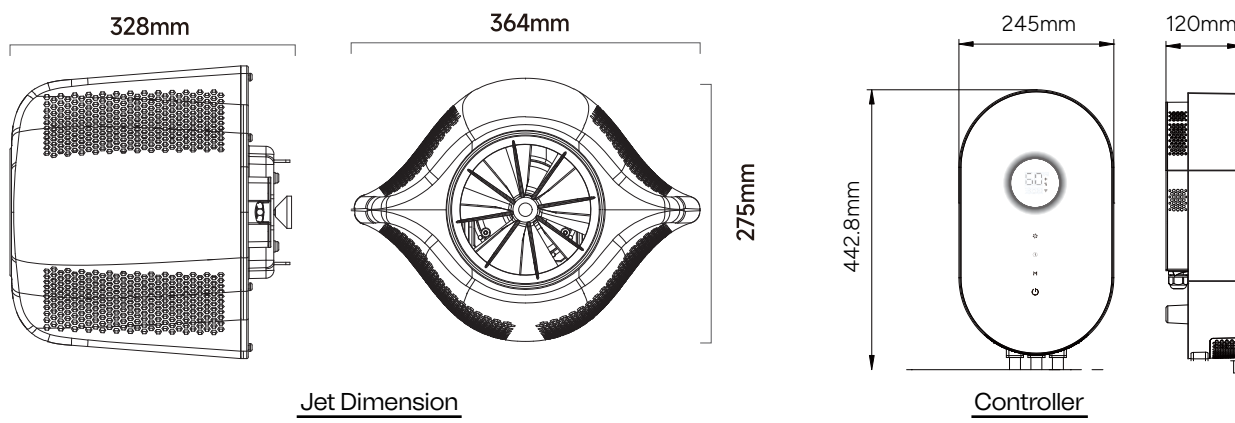
Jet

Model	Operating Voltage(V)	Max Flow rate m ³ /h	Max Flow Speed m/s	Motor Dimension(mm)	IP Rating	Operating Water Temp(°C)
P100	12	100	2.4	328 (L)	IP68	5-40
P160		160	2.9	364 (W)		
P240		240	4.2	275 (H)		

Controller

Model	Power (kw)	Supply Voltage(v)	IP Rating	Controller Dimension(mm)	External Control
P100	0.40	220-240 50/60Hz	IP45	442.8 (L)	Remote/ WIFI/ RS485
P160	0.60			245 (W)	
P240	1.25			120 (H)	

Overall Dimension



Swim Jet H Series

InverTurbo Technology

Delivers class-leading water flow up to 240m³ for an intense and exhilarating waving experience.

PMSM Motor

Next-gen permanent magnet motor with up to 1250W output, offering higher efficiency and smoother performance than traditional motors.

Patented Flow Channel – Designed for Speed

Innovative internal flow design boosts water velocity to 4.2m/s, reducing drag and maximizing propulsion.



Perfect For New Pools And Renovations

With a luxurious look and no unnecessary design, it's made to be part of the water.

Up To 240m³/h Turbo Flow Powerful Flow, 3d Comfort

Delivers high-speed, multidirectional water movement that simulates natural waves.

5 Waving Modes		
Mode	Inverter Speed	Water Flow Rate(m ³ /h)
P1(Beginner)	20%~35%	48-84
P2(Intermediate)	45%~70%	108-168
P3(Advanced)	70%~85%	168-204
P4(Endurance)	45%~65%	108-204
P5(Surfing)	30%~100%	72-240

The following water flow rate data is based on the P240 model as example.

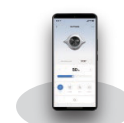


Multiple Control Options Meet All Your Needs

- Underwater control
- Remote Control
- Mobile App Control
- Touchscreen Panel Control



Remote Control



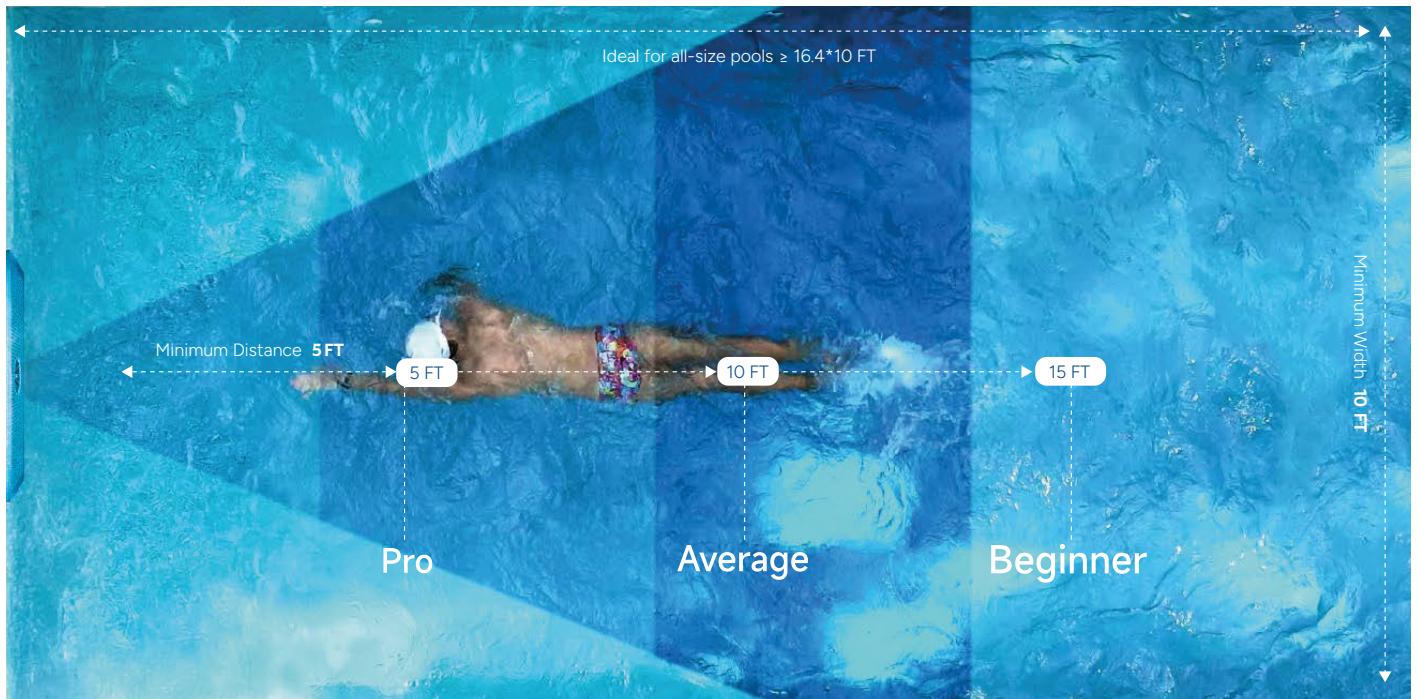
Mobile App Control



Touchscreen Panel Control

Wider Wave Area

Ideal for all-size pool from 5*3m



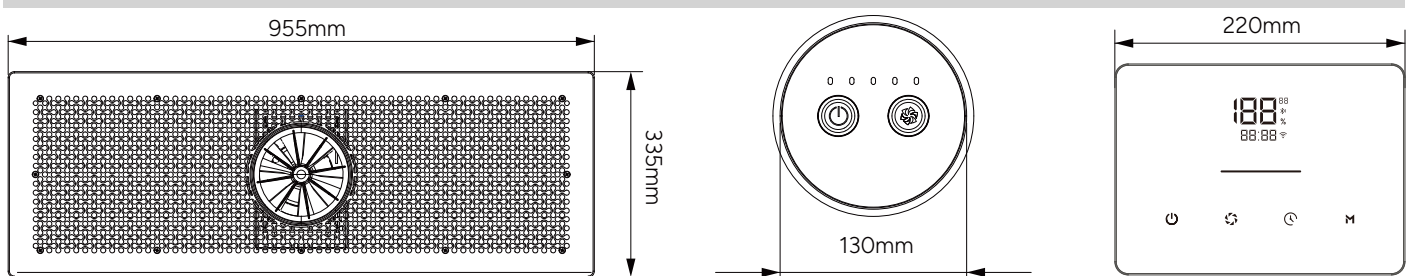
Jet

Model	Operating Voltage (V)	Max Flow Rate (m ³ /h)	Max Flow Speed (m/s)	IP Rating	Operating Water Temp(°C)	Ambient Temp (°C)
H100	12	100	2.4	IP68	5~40	0~43
H160		160	2.9			
H200		200	3.5			
H240		240	4.2			

Power Supply

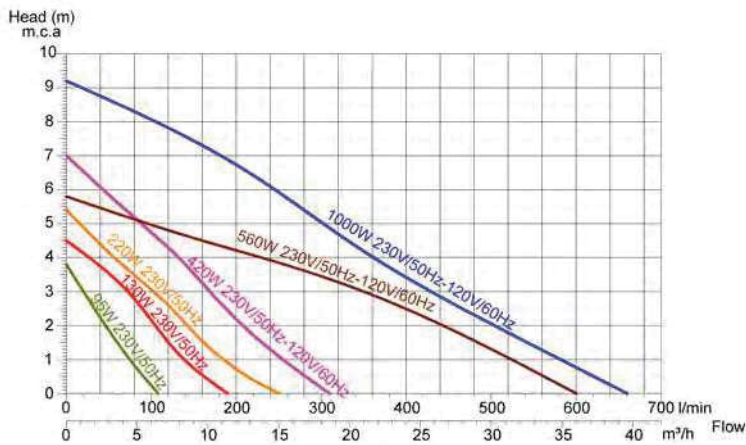
Model	Power (KW)	Supply Voltage(v)	IP Rating	Dimension (mm)	External Control
H100	0.4	220-240 50/60Hz	IP45	(L)441.4mm (W)245mm (H)119.5mm	Underwater/ Remote/ WIFI/ RS485
H160	0.6				
H200	0.9				
H240	1.25				

Overall Dimension

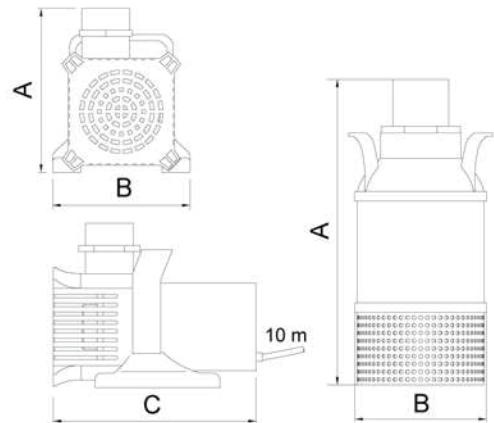


STANDARD SUBMERSIBLE PUMPS

Pumps designed to last, made of plastic with single phase motor, small dimensions and great performance. can be installed both submerged and dry by vacuuming from a pond or reservoir. ideal for static effects, water fall wier range that allows us to a cover a wide variety of requirements.



Measures



Certifications



IP68 CE UL

* Measure with BSP thread adapter

Reference/	Power/	Voltage/	Pump outlet/		Max. flow/	Max. pressure/	Measure/	Measure/	Measure/	Weight/
	W	V/ Hz	BSP	NPT	l.p.m.	m.c.a.	A	B	C	kg
F6524908	95	230/50	G 1½" M - F/M - H		110	3,8	149	127	207	4,0
F6524403	130	230/50	G 1½" M - F/M - H		190	4,5	171	146	249	4,9
F6524504	220	230/50	G 1½" M - F/M - H		250	5,4	171	146	249	5,4
F6524605	420	230/50	G 1½" M - F/M - H		310	7,0	195	146	249	6,7
F6524607	420	120/60	G 1½" M - F/M - H		310	7,0	195	146	249	6,7
F6524706	560	230/50	G 4" F/H-Ø75	-	600	5,8	486	Ø197	-	9,8
F6524708	560	120/60	G 4" F/H-Ø75	-	600	5,8	486	Ø197	-	9,8
F6524807	1000	230/50	G 2½" M	G 2½" M	660	9,2	208/ *267	224	323	12,7
F6524809	1000	120/60		G 2½" M	660	9,2	208/ *267	224	323	12,7

With the professional series we want to cover the requirements of the most demanding water effects, offering nickel-chrome stainless steel submersible pumps with stainless steel support filter, adjustable in height, adjustable and with a sieve of 2.5mm in diameter, allowing both horizontal and vertical installation, ensuring an adequate correct installation and great versatility . The pumped water- cooled engine by sliding between the engine jacket and the outer jacket and the double seal on the shaft with intermediate oil chamber, ensure great durability Optional reinforced winding .



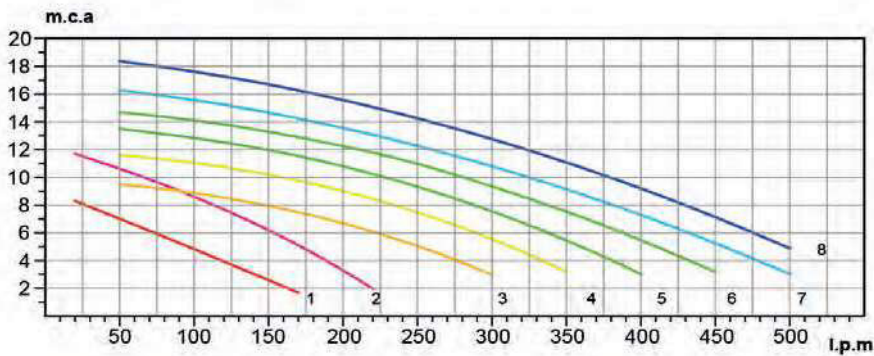
The SAFE RAIN professional series of submersible pumps for fountains provides specific solution adapted to the requirements that ornamental fountain demand today.

Certifications/ IP68 CE



PROFESSIONAL SUBMERSIBLE PUMPS

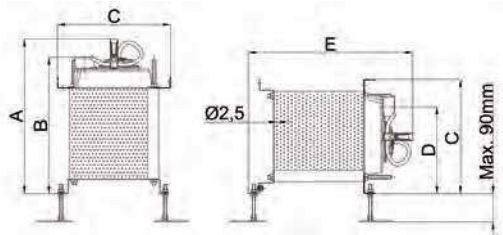
50Hz



1. F6557174 / F6557376 (250W) 2. F6557196 / F6557398 (450W) 3. F6557117 / F6557319 (450W)
 4. F6557128 / F6557321 (550W) 5. F6557139 / F6557331 (750W) 6. F6557151 / F6557343 (900W)
 7. F6557151 / F6557354 (1100W) 8. F6557163 / F6557365 (1500W)

Measures

Vertical install./Inst. Vert. Horizontal install./Inst. Hor.



Reference	Power		Voltage	Cable length	Type o cable	Cable section	Pump outlet	Max. flow	Max. pressure	A	B	C	D	E	Weight
	W	Hp													
F6557174	250	0,33	230/50	5	H05RN-F	3G 0,75	G1 1/4" F/H	170	8,3	306	260	254	183	336	8,8
F6557376			4G 0,75			8,9									
F6557196	450	0,60	230/50	10	H07RN-F	3G 1	G1 1/2" F/H	220	11,7	342	305	254	183	372	10,8
F6557398			4G 1			10,8									
F6557117	450	0,60	230/50	10	H07RN-F	3G 1	G1 1/2" F/H	300	9,5	400	350	306	232	430	13,2
F6557319			4G 1			13,2									
F6557128	550	0,75	230/50	10	H07RN-F	3G 1	G1 1/2" F/H	350	11,6	415	365	306	232	445	17,5
F6557321			4G 1			18,6									
F6557139	750	1,00	230/50	10	H07RN-F	3G 1	G1 1/2" F/H	400	13,5	440	390	306	232	470	18,8
F6557331			4G 1			20,0									
F6557141	900	1,20	230/50	10	H07RN-F	3G 1	G1 1/2" F/H	450	14,7	440	390	306	232	470	18,9
F6557343			4G 1			20,8									
F6557151	1100	1,50	230/50	10	H07RN-F	3G 1,5	G1 1/2" F/H	500	16,3	460	410	306	232	490	20,8
F6557354			4G 1			22,9									
F6557163	1500	2,00	230/50	10	H07RN-F	3G 2,5	G1 1/2" F/H	500	18,4	460	410	306	232	490	22,3
F6557365			4G 1			25,8									

MERCURIO

PLASTIC SUBMERSIBLE PUMPS FOR WHITE WATER DRAINAGE

APPLICATIONS

- RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT
- GARDEN AND VEGETABLE GARDEN MINI FLOOD IRRIGATION SYSTEM RAIN WATER CATCH TANK PUMP DOWN
- WHITE WATER PUMP OVER FROM RESERVOIRS AND VATS



MAIN FEATURES:

Pump body: PP30FV

Motor: Water cooled/casing made of G-Al Si 9 alloy

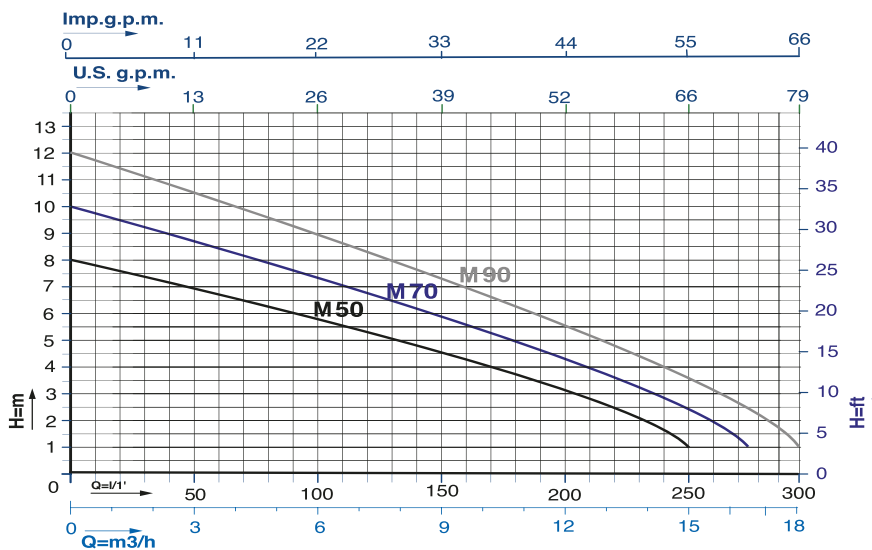
Motor shaft: Stainless steel AISI 430 F - Ceramic shaft terminal (M700) with oil chamber

Insulation class: F

Protection class: IP 68

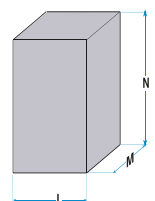
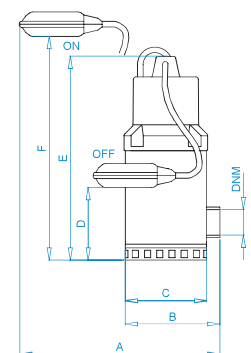
Seal: High resistant lip seals

Duty: Intermittant (M300-M500)



Dimensions								
CODE	DNA Ø	DNM	A	B	C	D	E	F
M 50	8 mm	M 1"1/4	400	152	132	50	285	395
M70	8 mm	F 1"1/4	400	152	132	70	311	440
M 90	8 mm	F 1"1/4	400	152	130	70	311	440

ELECTRICAL DATA								Packaging				
CODE	HP (P2)	kW (P2)	kW (P1)	230V 50Hz ~1	µF	r.p.m.	Temp Max	L	N	M	Kg	Qty pallet
M 50	0,60	0,45	0,57	2,55	8	2800	35°C	220	370	170	5,2	100
M70	0,80	0,60	0,76	3,45	12	2800	35°C	220	370	170	6,7	100
M 90	0,95	0,70	0,96	4,20	16	2800	35°C	220	370	170	7,8	100



POOL FILTRATION

SAND FILTER



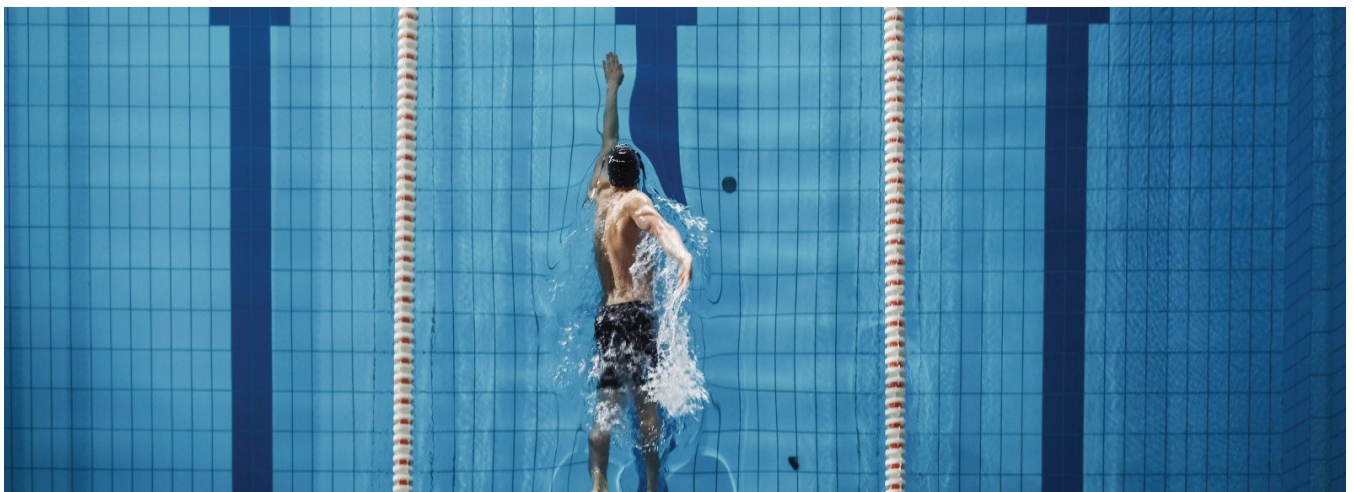
EARTH SERIES

Bobbin Wound FRP High Rate Sand Filter



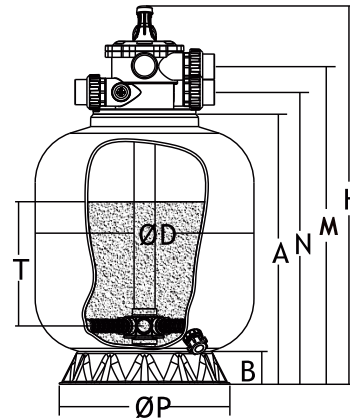
EARTH SERIES - SIDE & TOP MOUNT

- Bobbin wound non-corrosive FRP tank.
- UV-resistant surface.
- Maximum Working Pressure 250kpa/36psi (2.5bar)
- Maximum testing pressure 400kpa/58psi (4.0bar)
- Maximum operating water temperature 50°C (122°F)
- Available in side & top mount with ranges from 400mm upto 1200mm with 5 year filter shell warranty.
- Filtration media - Silica sand 0.5mm ~ 0.8mm
- Equipped with removable bolt type neck for more convenient maintenance.
- Manual safety pressure release.



EARTH TOP MOUNT FILTER

Bobbin Wound FRP High Rate Sand Filter



Technical Specifications

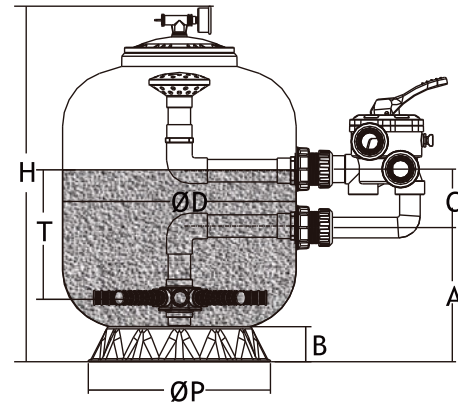
Model	Filter Diameter (mm)	Filter Height (mm)	Design Flow (m ³ /h)	Filter Area (m ²)	Connections (inch/mm)	Sand Weight (kg)
E-Top- 400	400	750	6	0.13	1.5"/50	30
E-Top- 450	450	810	8	0.16	1.5"/50	45
E-Top- 500	530	870	11	0.22	1.5"/50	80
E-Top- 650	630	870	15	0.32	1.5"/50	150
E-Top- 700	700	960	19	0.38	1.5"/50	210
E-Top- 750	750	1120	22	0.44	2"/63	250
E-Top- 800	800	1130	25	0.50	2"/63	320
E-Top- 900	900	1270	32	0.64	2"/63	400
E-Top- 1000	1000	1340	38.7	0.79	2"/63	600
E-Top- 1100	1100	1460	43	0.95	2"/63	800
E-Top- 1200	1200	1540	51	1.13	2"/63	900

Dimensions

Model	E-Top-400	E-Top-450	E-Top-500	E-Top-650	E-Top-700	E-Top-750	E-Top-800	E-Top-900	E-Top-1000	E-Top-1100	E-Top-1200
ØD(mm)	400	450	530	630	700	750	800	900	1000	1100	1200
H(mm)	770	815	870	935	1005	1120	1130	1270	1340	1460	1540
A(mm)	520	565	620	685	755	820	830	970	1040	1160	1240
B(mm)	73	75	75	95	95	95	150	150	150	180	180
M(mm)	629	674	729	729	823	962	972	1112	1182	1302	1392
N(mm)	570	615	670	735	805	882	892	1032	1102	1222	1312
ØP(mm)	315	390	390	565	565	565	790	790	790	1010	1010
T(mm)	160	230	260	350	440	490	490	500	520	570	650

EARTH SIDE MOUNT FILTER

Bobbin Wound FRP High Rate Sand Filter



Technical Specifications

Model	Filter Diameter (mm)	Filter Height (mm)	Design Flow (m ³ /h)	Filter Area (m ²)	Connections (inch/mm)	Sand Weight (kg)
E-Side-450	450	665	8	0.16	1.5"/50	50
E-Side-500	500	720	10	0.20	1.5"/50	85
E-Side-650	630	785	15	0.32	1.5"/50	135
E-Side-700	700	855	19	0.38	1.5"/50	200
E-Side-750	750	940	22	0.44	2"/63	250
E-Side-800	800	980	25	0.50	2"/63	320
E-Side-900	900	1070	32	0.64	2"/63	400
E-Side-1000	1000	1190	38.7	0.79	2"/63	600
E-Side-1100	1100	1300	43	0.95	2"/63	800
E-Side-1200	1200	1380	51	1.13	2"/63	920

Dimensions

Model	E-side-450	E-side-500	E-side-650	E-side-700	E-side-750	E-side-800	E-side-900	E-side-1000	E-side-1100	E-side-1200
ØD(mm)	450	500	635	700	750	800	900	1000	1100	1200
H(mm)	665	720	785	855	940	980	1070	1190	1300	1380
A(mm)	260	280	310	360	385	385	430	540	650	650
B(mm)	75	75	95	95	95	150	150	150	180	180
C(mm)	125	125	125	125	220	220	220	220	220	220
ØP(mm)	390	390	565	565	565	790	790	790	1010	1010
T(mm)	250	280	300	350	410	410	480	510	560	600

EARTH-PLUS SAND FILTER



- Filter body is UV Resistance fiberglass
- Air release valve can release the air safely
- The drain can prevent frost cracking
- Sight glas for inspection of filtered water
- Top cover is convenient for maintainance.
- Maximum operating water temperature 50°C (122 F)
- Filtration media - Silica sand 0.5mm ~ 0.8mm

Maximum Working Pressure

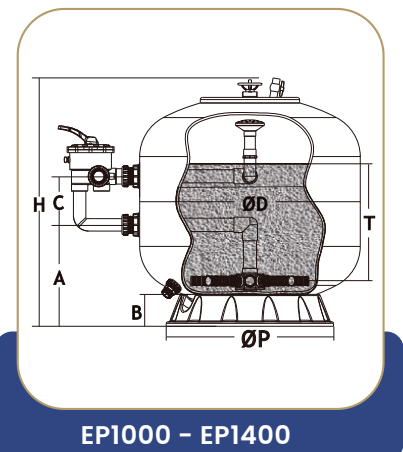
- 250kpa / 36psi(2.5bar)
- 400kpa / 58psi(4.5bar)

Factory Testing Pressure

- 400kpa / 58psi(4.0bar)
- 600kpa / 86psi(6.0bar)

Model	Filter Diameter (mm)	Filter Height (mm)	Design Flow (m ³ /h)	Filter Area (m ²)	Connections (inch/mm)	Sand Weight (kg)
EP-1000-25	1000	1160	36	0.79	2.5/75	600
EP-1050-25	1050	1230	38.7	0.86	2.5/75	700
EP-1100-25	1100	1260	43	0.95	2.5/75	800
EP-1200-25	1200	1340	51	1.13	2.5/75	920
EP-1400-25	1400	1570	68	1.53	2.5/75	1400

Model	EP-1000-25	EP-1050-25	EP-1100-25	EP-1200-25	EP-1400-25
ØD(mm)	1000	1050	1100	1200	1400
H(mm)	1160	1230	1260	1340	1570
A(mm)	460	500	540	600	700
B(mm)	150	150	180	180	180
C(mm)	220	220	220	220	220
ØP(mm)	790	790	1010	1010	1010
T(mm)	510	530	560	600	630



EP1000 - EP1400

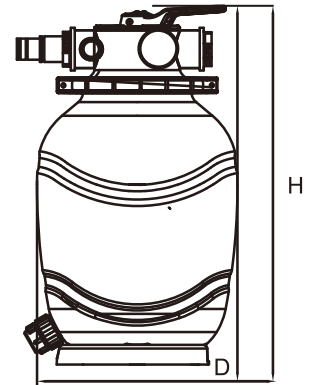
Nano Filter

Maximum Working Pressure
250kpa/36psi (2.0bar)

Factory Testing Pressure
400kpa/58psi (4.0bar)

Maximum Temperature
50°C (122°F)

Size Of Gravel
0.5mm~0.8mm



- Simple installation and easy operation.
- Unitized thermal plastic filter tank, tough durable and suitable for many different weather conditions.
- Filter comes with 4-way Multiport valve - Filter, Rinse, Backwash and Closed.
- Suitable for portable & small pools, fountains and plunge pools



Model	filter diametre D (mm)	filter height H (mm)	Design Flow (M ³ /h)	Filter Area (M)	Connections (Inch/mm)	Sand Weight (Kg)
P-305	305	546	3.65	0.073	15/50''	20



Automatic Side Multiport Valve

Full-touch Pad Design

I-Wash is the industry's first full-touch automatic filter valve for the leading visual and interactive user experience.

I-Wash features six functions of multiport sand filter valve: filter, back wash, rinse, recirculation, waste, and closed. This eliminates the need for manual valve adjustments and pump switching, allowing users to fully immerse themselves in the joy of swimming without any complicated operations.

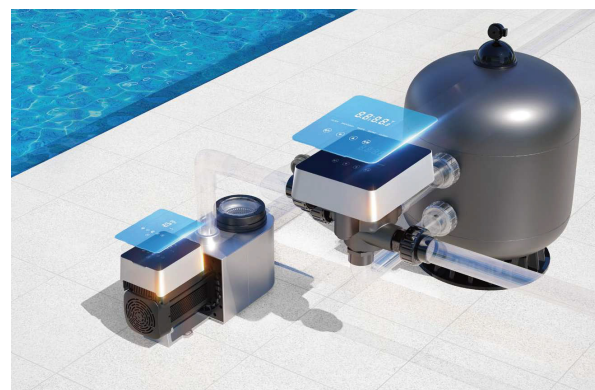
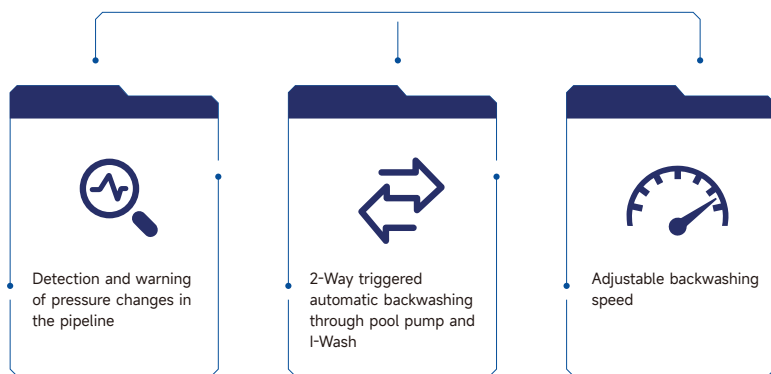


Pressure Detection

The filter can run backwash cycles automatically before the filter meets the maximum pressure level for safety uses.

Timer

Users can set the backwash timer at any time as the inverter pool pump is in silent and energy-saving 24h operation.



SPECIFICATION											
Code	Base	Backwash Flow	Operation Pressure	Applicable Filter Size	Power Supply	Power Adapter Output	Humidity	IP rating	Salt concentration	Ambient Temperature	Water Temperature
I-Wash 24S	Side-mounted	24m ³ /h	≤0.25MPa	454-700mm	AC100-240V/50-60Hz	DC24V, 1.5A	≤95% (At 25°C)	IP55	≤0.5‰	-10-50°C	5-50°C

FILTRATION MEDIA

CODE	Description	
90510	Filtration sand 0.5mm-1.0mm	25kgs/bag
91020	Filtration sand 1.0mm-2.0mm	25kgs/bag
92040	Filtration sand 2.0mm-4.0mm	25kgs/bag



SAND / GRAVEL

MULTIPOINT VALVES

Model	Description
Nano Filter	
N-TM-150	1.5"/50mm Top-mount 4-way multiport valve
Earth Filter	
E-TM-150	1.5"/50mm Top-mount 6-way multiport valve
E-TM-200	2"/63mm Top-mount 6-way multiport valve
E-SM-150	1.5"/50mm Side-mount 6-way multiport valve
E-SM-200	2"/63mm Side-mount 6-way multiport valve
Earth Plus Filter	
E-SM-250	2"/63mm Side-mount 6-way multiport valve



N-TM-150



TOP MOUNT MULTI-PORT VALVE



SIDE MOUNT MULTI-PORT VALVE

Wall mounted filtration system

Specifications

- Made of high quality acrylic with fiberglass reinforced. equipment to comply with the filter bag, massage jet, suction and lighting.
- No need to set up the operation room and install the external pipping



DPW-10

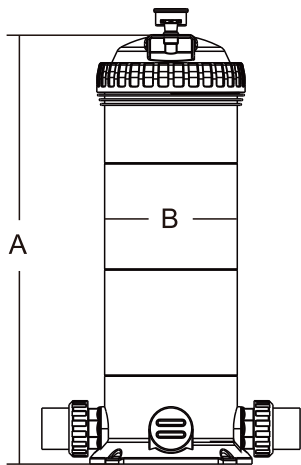


DPW-25

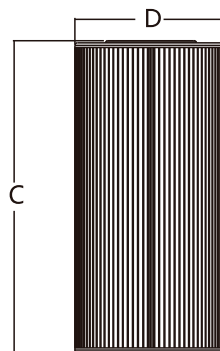
Model	motor power (HP)	Voltage (V)	Design Flow (M ³ /h)	Filter Area (m ²)	length (mm)	Width (mm)	Height (mm)
DPW-10	1.2	200	10-13	0.26	640	660	960
DPW-25	2.0	200	25	0.297	1120	680	1080

CARTRIDGE FILTER

- Compact and light weight
- UV resistant tank
- Heavy duty ring-lock lid allows easy cleaning and replacement of the cartridge element
- Screw type air bleeder for manual removal of air inside air relief hose to automatically remove air.
- High quality oil filled pressure gauge for easy inspection of the operation Pressure
- Maximum working pressure 250kpa/36psi (2.5bar)
- Maximum Temperature 40°C (104°F)



C-00368 - C-01268



Cartridge Element

Model	Filter Diameter (mm)	Filter Height (mm)	Design Flow (m ³ /h)	Filter Area (m ²)	Connections in/(mm)	Micron (µm)	A (mm)	B (mm)	C (mm)	D (mm)
C-00368	225	368.3	5.5	2.25	1.5"/50	≤20	368.3	225	184.5	183
C-00548	225	548.3	11.4	4.63	1.5"/50	≤20	548.3	225	364.5	183
C-00728	225	728.3	17.0	7.00	1.5"/50	≤20	728.3	225	544.5	183
C-00908	225	908.3	22.9	9.40	2"/63	≤20	908.3	225	724.5	183
C-01088	225	1088.3	33.4	13.72	2"/63	≤20	1088.3	225	904.5	183
C-01268	225	1268.3	40.9	16.82	2"/63	≤20	1268.3	225	1091.0	183



POOL FITTINGS

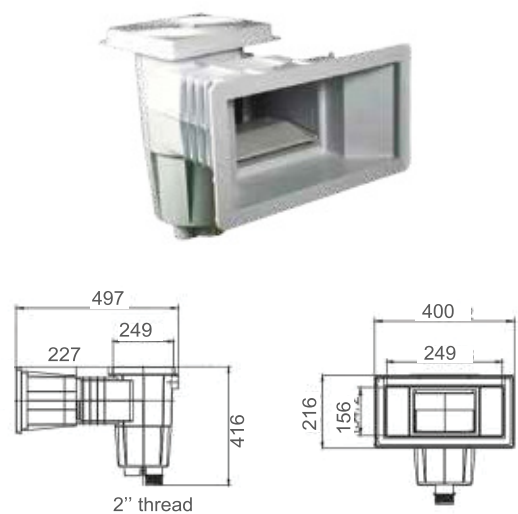
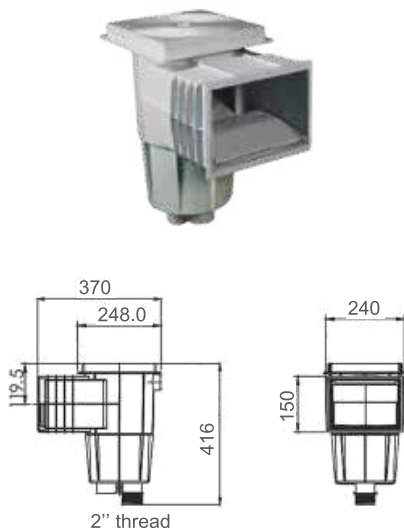


SKIMMERS

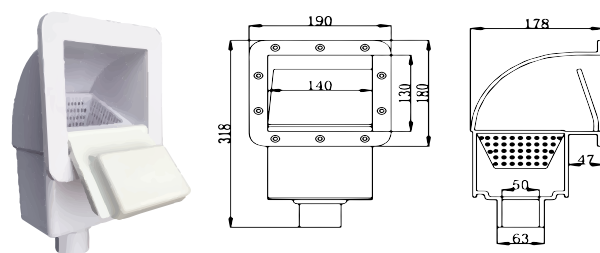
- Drops Pool Skimmers are manufactured in UV treated white ABS.
- Designed with top square lid and frame.
- The bottom has 3 connections 1 1/2" inner threaded, 2" outer threaded and Ø50mm inner wall to be glued
- Over flow connection Ø40mm.
- Recommended flow rate: 5m³/hr.
- For best results, one skimmer to be installed on an average 25m² of water surface area.

CODE	Description
16200	Standard skimmer (ABS) - concrete
16200-L	Standard skimmer (ABS) - liner

CODE	Description
16300	Wide-mouth skimmer (ABS) - concrete
16300-L	Wide-mouth skimmer (ABS) - liner



CODE	Description
16100	SPA skimmer (ABS) - concrete



ABS INLETS-CONCRETE



ABS multiflow return inlet with outer 2" thread and \varnothing 50mm inner to glued for concrete pools.

Maximum flow 7 m³/hr at velocity 4m/s

CODE	Description
11632	Return wall inlet 2" thread outer and 50mm inner slip-fit (ABS)



ABS multiflow return inlet glued for concrete pools.

Maximum flow 7 m³/hr at velocity 4m/s

CODE	Description
11631	Return wall inlet \varnothing 63mm outer and 50mm inner slip-fit (ABS)
11002	Return wall inlet \varnothing 2" outer slip-fit (ABS)



ABS multiflow return inlet with outer 1.5" glued for concrete pool maximum Flow 5 m³/hr at velocity 3m/s

CODE	Description
11015	Return wall inlet \varnothing dia 1.5" outer connc slip fit (ABS)

ABS SUCTION-CONCRETE



ABS suction nozzle with outer 2" thread and \varnothing 50mm inner to glued for concrete pools.

Supplied with threaded plug of 1 1/2"

CODE	Description
12632	Suction nozzle 2" thread outer and 50mm inner slip-fit (ABS)



ABS suction nozzle glued for concrete pools.

Supplied with threaded plug of 1 1/2"

CODE	Description
12631	Suction nozzle \varnothing 63mm outer and 50mm inner slip-fit (ABS)
12002	Suction nozzle \varnothing 2" outer slip-fit (ABS)



ABS Suction nozzle with outer 1.5" glued for concrete pool supplied with threaded plug

CODE	Description
12015	Suction nozzle \varnothing 1.5" outer slip-fit (ABS)



CODE	DESCRIPTION
13631	Floor inlet Ø 63mm outer and 50mm inner slip-fit (ABS)
13632	Floor inlet 2" thread outer and 50mm inner slip-fit (ABS)



ABS overflow gutter drain with SS screws in 63mm inner dia for concrete pool
Maximum flow rate - 9 m3/h

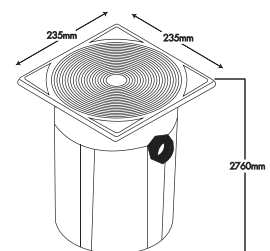
CODE	DESCRIPTION
14631	Overflow Gutter Drain Dia 63mm Inner ABS
14631C	Over flow gutter drain cover only (ABS)



CODE	DESCRIPTION
18100	Water Level Regulator In ABS

A water level regulator made in UV treated white ABS, level regulator is install near to the pool through a pipe Ø 50mm (metric model) or 1 1/2" (imperial model)

There are two different connections options: bottom connection or lateral connection the above water pipe connection is Ø 20mm or 3/4" BSP



CODE	DESCRIPTION
83111	Deck / Connection box (ABS)

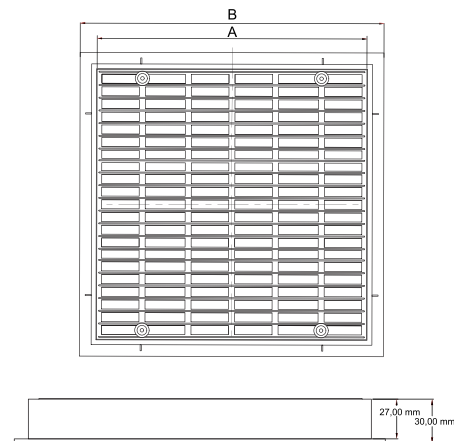
for connections between lights.
construction of white UV A-resistant ABS Plastic.
Fully leakproof with O-ring Incorporate on the lid and two cable connectors IP 65 Protection.

DRAINS

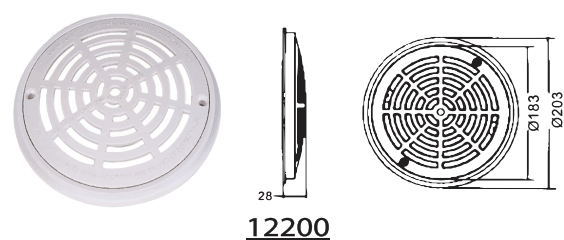
Square drain and circulate drains made in UV-resistant white ABS for concrete pools.

Below available sizes for residential and commercial pools calculated with surface suction velocity < 0.5m/s

CODE	DESCRIPTION	A	B
15009	9"x9" Drain	220mm	250mm
15012	12"x12" Drain	270mm	300mm
15018	18"x18" Drain	----	----



CODE	DESCRIPTION	SIZE
12200	Anti-vortex circular drain with grille in white ABS	200mm



CODE	DESCRIPTION	SIZE
12201	Circular drain with grille in white ABS (flat)	200mm



Stainless steel Fittings

Vaccum Point SS316

Stainless Steel 316 Vacuum point with sliding cover, available in connection sizes 1.5" and 2" outer thread. Length 50mm.



Code	Description
10632	Vacuum point 2" threaded connection
10152	Vacuum point 1.5" threaded connection

FLOOR INLET SS316

Stainless Steel 316 Floor return inlet with a maximum flow rate of 13.80m³/h and available in 2" threaded connection. Length 50mm. Flow rate can be manually adjusted with a screw (Can be used for Concrete/Liner pools)



Code	Description
10633	Floor return inlet 2" threaded connection(Concrete/Liner)

FLOOR INLET SS316

Stainless Steel 316 Floor return inlet(Grille) with a maximum flow rate of 21.20m³/h and available in 2" threaded connection. Flow rate can be manually adjusted with a screw (Can be used for Concrete pools only)



Code	Description
10633-1	Floor return inlet 2" threaded connection(Grille)

RETURN WALL INLET SS316

Stainless Steel 316 return wall inlet, available in connection sizes 1.5" and 2" outer thread. Length 50mm. Eyeball - 19mm Flow rate - 4.4m³/hr



Code	Description
10631	Return wall 2" threaded connection
10151	Return wall inlet 1.5" threaded connection

OVERFLOW GUTTER DRAIN WITH COVER SS316

Overflow gutter drain in ABS body and SS316 grille and screws. Connection 63mm/2" inner dia for concrete pool Maximum flow rate - 9 m³/h



Code	Description
14631SS	Overflow gutter drain in ABS and SS316 grille
14631C-SS	Overflow gutter drain cover only (SS)

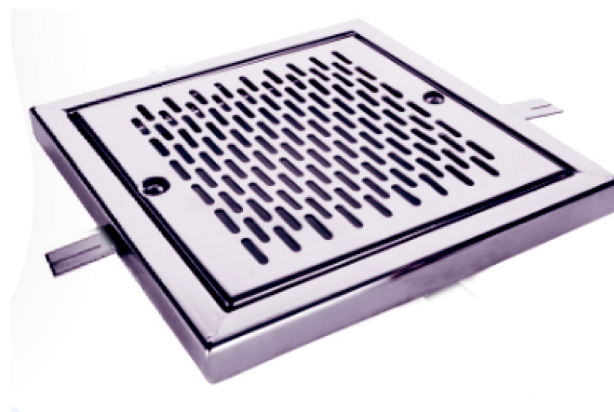
Stainless steel frame & grate

Dropspool Stainless steel square main drain for public and private pools.

Specifications:

- Made in SS316 grade
- In polished finish
- Supplied with fixing screws
- Suitable for concrete pools
- Measured flow at 0.5m/s
- Available in sizes 200mm, 300mm, 400mm and 500mm

CODE	SIZE	MAX FLOWRATE
15200	200mm x 200mm frame & grate - SS316	14.80 m ³ /hr
15300	300mm x 300mm frame & grate - SS316	42.00 m ³ /hr
15400	400mm x 400mm frame & grate - SS316	79.50 m ³ /hr
15500	500mm x 500mm frame & grate - SS316	132.00 m ³ /hr



CODE	DESCRIPTION	MAX FLOWRATE
12200SS	Anti-vortex circular drain dia 200mm frame & grate SS316	14 m ³ /hr



Pool Ladder

Ladder handrails are made of 42 mm tubes in polished stainless steel 304 or 316. Correct selection and proper placement of handrails and ladders add a significant measure of safety to every pool area. Available in anti slip pads. All ladders are available with anchor or flange type fixtures for easy installation.



ANCILLARY SHORING



Stainless Steel



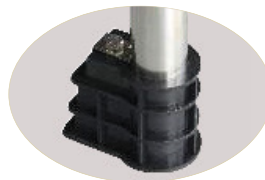
Stainless Steel
(With anti-slip pad)

INSTALLATION OPTIONS

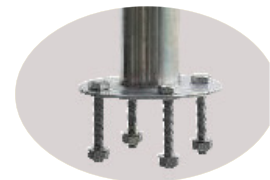
Ancillary shoring is provide with a supporting construction on the wall.



Ancillary Shoring



Flange Type

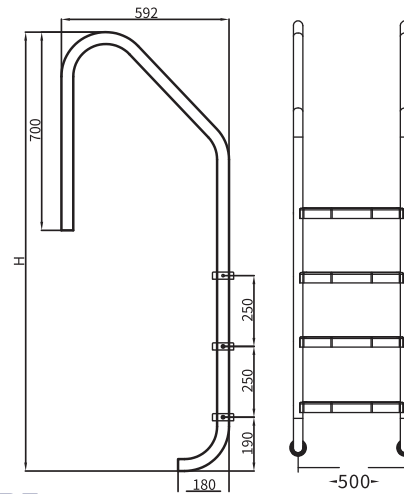


Anchor Type

Pool ladders can be easily installed either with anchors embedded in the concrete deck or bolted flanges. the fixtures are concealed by stainless steel escutcheons.

Pool Ladder

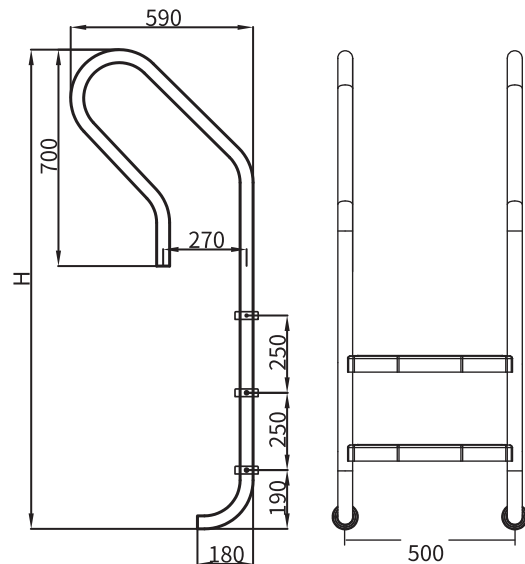
STANDARD LADDER



ANCHOR TYPE

Model	Description	H (mm)	Step	Weight (kg)
SDL - 2316	Standard Ladder 2 Steps in stainless Steel 316	1300	2	7.40
SDL - 3316	Standard Ladder 3 Steps in stainless Steel 316	1550	3	8.70
SDL - 4316	Standard Ladder 4 Steps in stainless Steel 316	1800	4	11.40
SDL - 5316	Standard Ladder 5 Steps in stainless Steel 316	2050	5	-

DESIGN LADDER

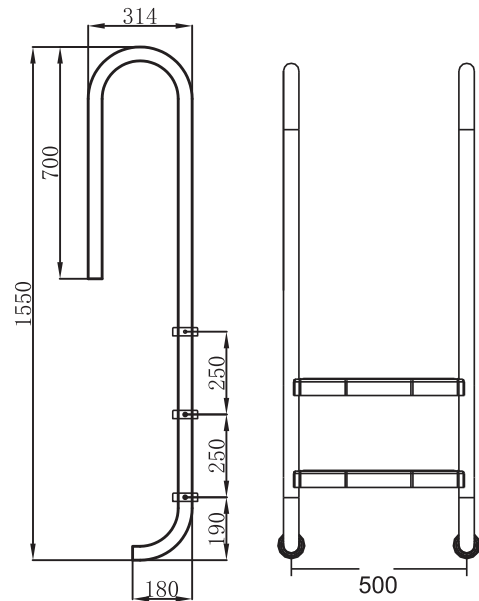


ANCHOR TYPE

Model	Description	H (mm)	Step	Weight (kg)
DL - 2316	Design Ladder 2 Steps in stainless Steel 316	1300	2	-
DL - 3316	Design Ladder 3 Steps in stainless Steel 316	1550	3	-
DL - 4316	Design Ladder 4 Steps in stainless Steel 316	1800	4	-
DL - 5316	Design Ladder 5 Steps in stainless Steel 316	2050	5	-

Pool Ladder

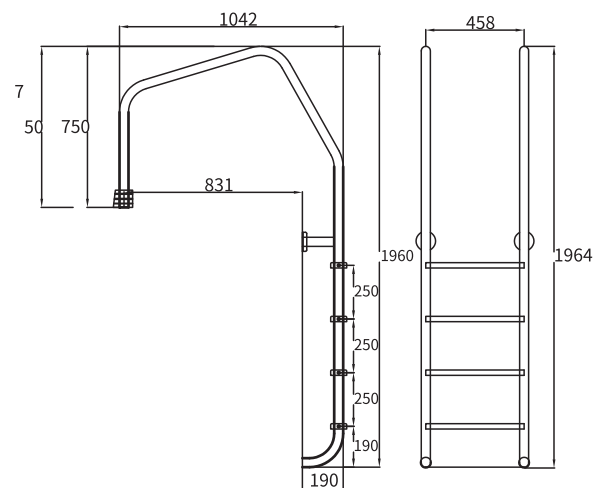
MURO LADDER



ANCHOR TYPE

Model	Description	H (mm)	Step	Weight (kg)
MRL - 2316	Muro Ladder 2 Steps in stainless Steel 316	1300	2	-
MRL - 3316	Muro Ladder 3 Steps in stainless Steel 316	1550	3	-
MRL - 4316	Muro Ladder 4 Steps in stainless Steel 316	1800	4	-
MRL - 5316	Muro Ladder 5 Steps in stainless Steel 316	2050	5	-

OVERFLOW LADDER

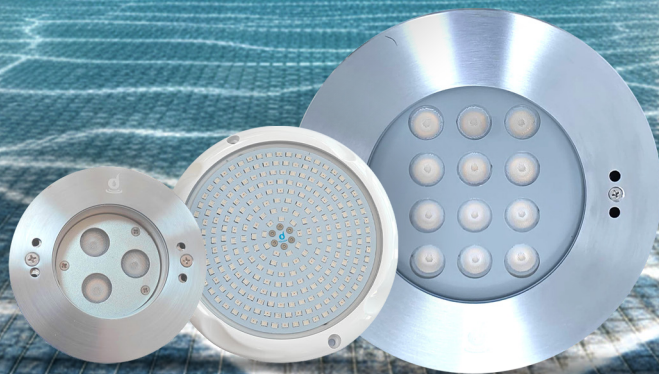


ANCHOR TYPE

Model	Description	H (mm)	Step	Weight (kg)
OFL - 2316	Overflow Ladder 2 Steps in stainless Steel 316	1464	2	12.90
OFL - 3316	Overflow Ladder 3 Steps in stainless Steel 316	1714	3	14.90
OFL - 4316	Overflow Ladder 4 Steps in stainless Steel 316	1964	4	16.80
OFL - 5316	Overflow Ladder 5 Steps in stainless Steel 316	2214	5	-



Pool Lighting



Under Water Lighting

SP100

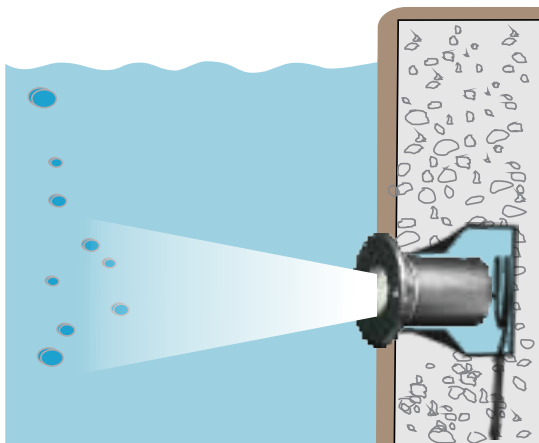
Recessed swimming pool LED light



SS Finish - Mirror
Optional - Brushed finish on request.

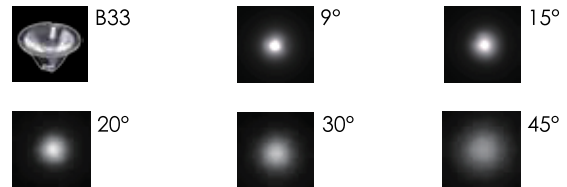
LED COLOUR TEMPERATURE

3000K · 6000K · RGB



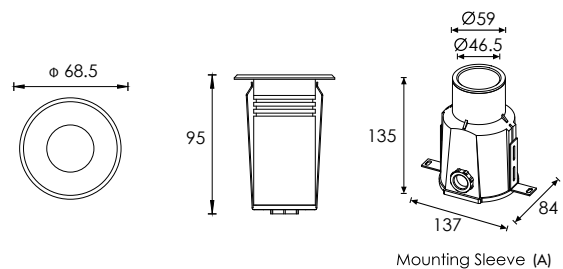
- Water must be allowed to go inside and outside sleeve freely without leaking to the other side
- **Warning :** Must be installed under the water to prevent the light from being burnt off because of over heating

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve (A)

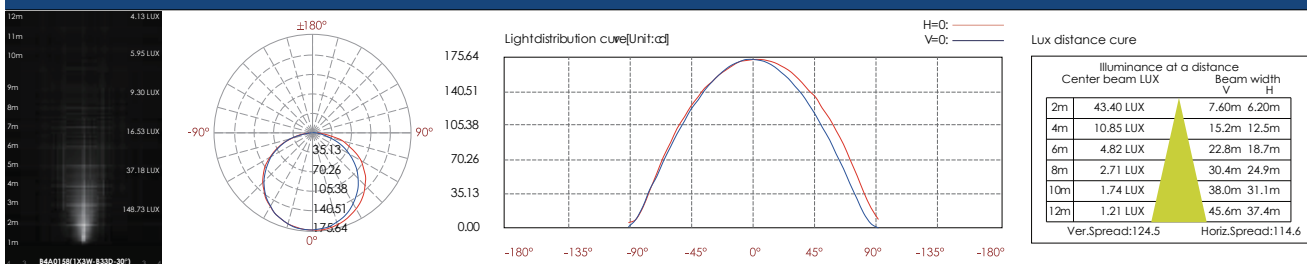
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
- LIGHT WINDOW** | Step tempered glass,T=7mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens,efficiency≥85%
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | IH07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- MOUNTING SLEEVE** | I061# ABS
- DIMMABLE SUPPORT** | I Triac PWM 1-10V Dali

TECHNICAL DATA

CODE	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP100.2	1x2W	B33	30°	24V DC	90	2.0W	Cool white - 110Lm Warm white - 92LM RGB - 65LM
SP100.3	1x3W	B33	30°	24V DC	110	2.6W	Cool White = 174 Warm White = 139 RGB = 98

PHOTOMETRIC CURVES



Under Water Lighting

SP300

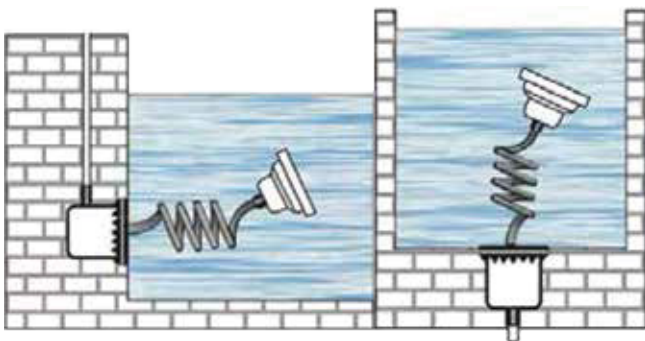
Recessed swimming pool LED light



SS Finish - Mirror
Optional - Brushed finish on request.

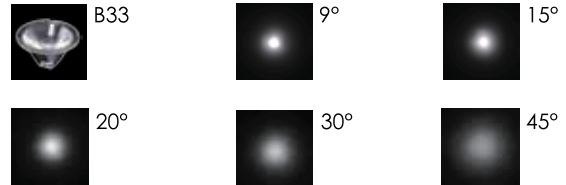
LED COLOUR TEMPERATURE

3000K · 6000K · RGB



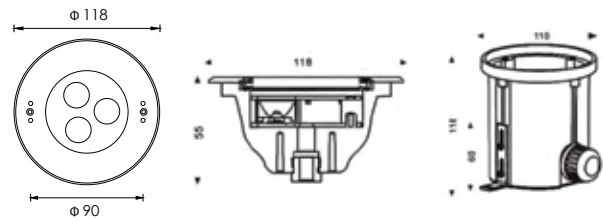
- Water must be allowed to go inside and outside sleeve freely without leaking to the other side
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over heating

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



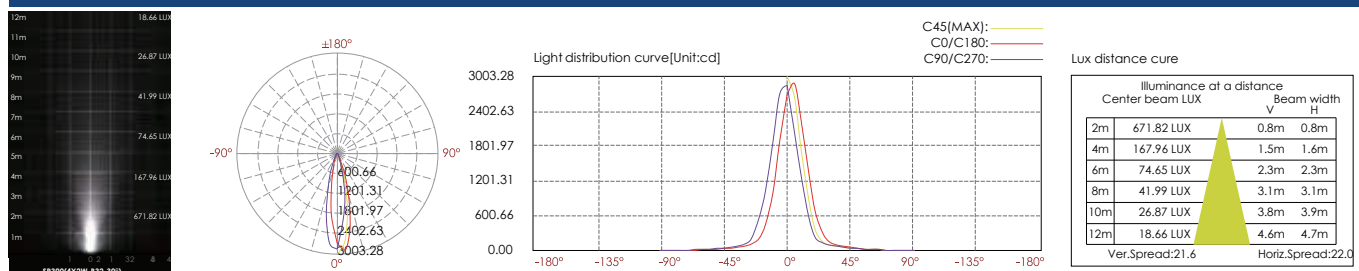
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- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel SUS 316#
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- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- MOUNTING SLEEVE** | I061# ABS
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

CODE	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP300.2	3x2W	B33	30°	24V DC	260	6W	Cool white - 360LM Warm white - 310LM RGB - 195LM
SP300.3	3x3W	B33	30°	24V DC	300	7.2W	Cool white - 480LM Warm white - 450LM

PHOTOMETRIC CURVES

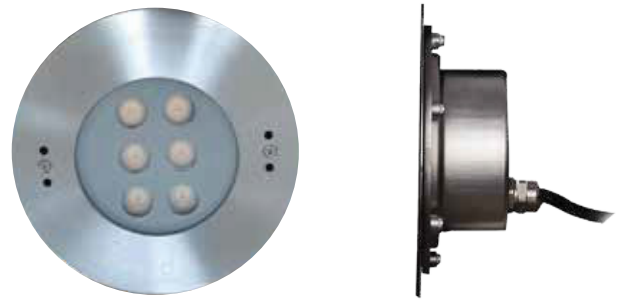
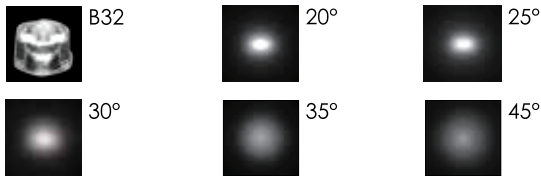


Under Water Lighting

SP600

Recessed swimming pool LED light

OPTICS



Overheat Sensor Inside

SS Finish - Mirror
Optional - Brushed finish on request.

LED COLOUR TEMPERATURE

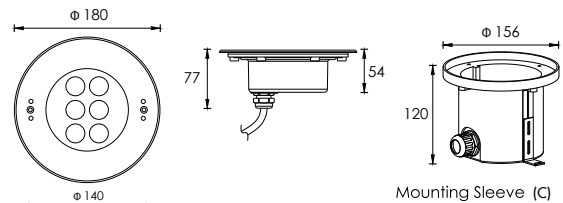
3000K · 6000K · RGB

MATERIAL SPECIFICATIONS

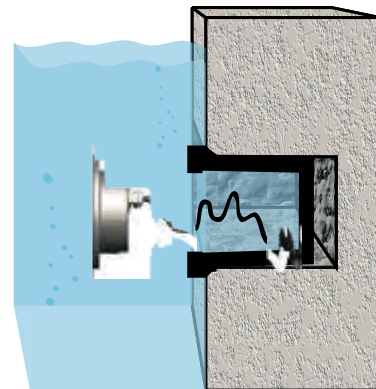
- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | 1 Step tempered glass.T=8mm
- GASKET** | 1 Silicone gasket
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input.Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | 1 059# ABS
- DIMMABLE SUPPORT** | 1 Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve (C)



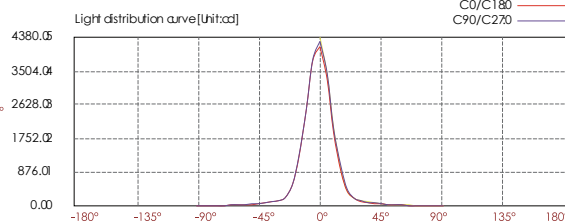
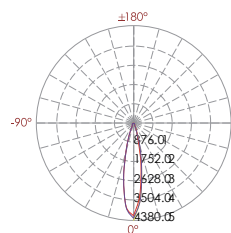
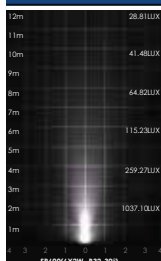
Built-in Radiator

- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

TECHNICAL DATA

CODE	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP600	6×2W	B32	30°	24V DC	600	12W	Cool White = 960 Warm White = 840 RGB = 390

PHOTOMETRIC CURVES



Lux distance cure

Distance	Center beam LUX	Beam width V	Beam width H
2m	1037.10 LUX	0.7m	0.7m
4m	259.27 LUX	1.5m	1.5m
6m	115.23 LUX	2.2m	2.2m
8m	64.82 LUX	3.0m	2.9m
10m	41.48 LUX	3.7m	3.6m
12m	28.81 LUX	4.5m	4.4m

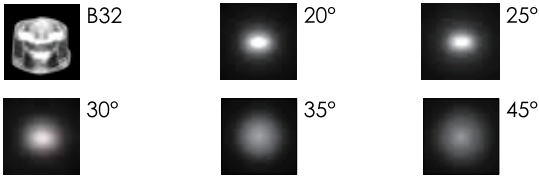
Ver.Spread:21.1 Horiz.Spread:20.7

Under Water Lighting

SP1200

Recessed swimming pool LED light

OPTICS



LED COLOUR TEMPERATURE

3000K · 6000K · RGB

MATERIAL SPECIFICATIONS

FRONT COVER & HOUSING	Molding shaped hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Step tempered glass,T=10mm
GASKET	Silicone Gasket
LENS	All-in-one Optical lens,efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
CABLE GLAND	IP68 PG-11 copper with nickel-coated
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm ² L=3.0m
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth.
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
MOUNTING SLEEVE	ABS 060#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali



Built-in Radiator

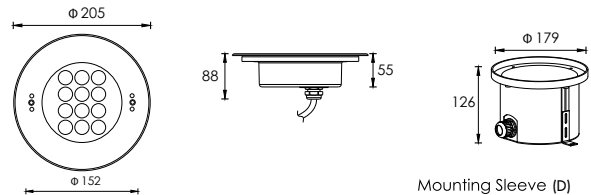


Overheat Sensor Inside

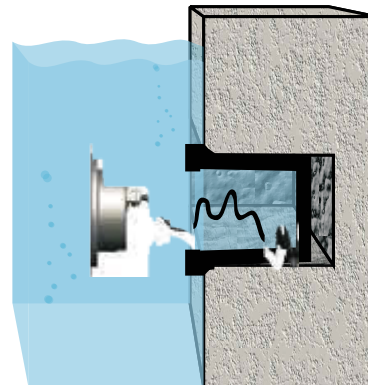
SS Finish - Mirror
Optional - Brushed finish on request.

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve (D)



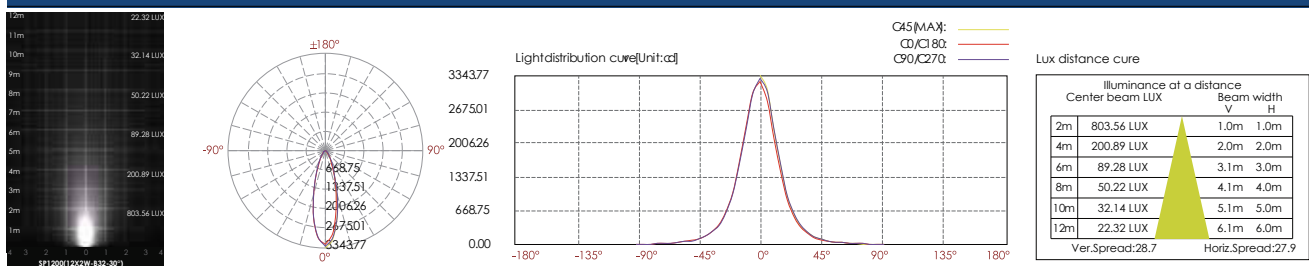
• Water must be allowed to go inside and outside sleeve freely without leaking to the other side.

• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

TECHNICAL DATA

CODE	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP1200	12×2W Single color	B32	30°	24V DC	1000	24W	Cool White = 1920 Warm White = 1680 RGB = 780

PHOTOMETRIC CURVES

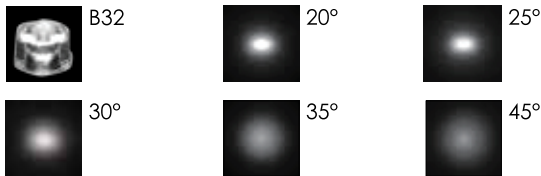


Under Water Lighting

SP1800

Recessed swimming pool LED light

OPTICS



LED COLOUR TEMPERATURE

3000K · 6000K · RGB

MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Molding shaped hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Step tempered glass.T=10mm
- GASKET** | Silicone Gasket
- LENS** | Optical lens,efficiency≥85%
- GLASS PRESSURE CAPACITY** | Excellent heat conductivity aluminum coefficient of heatConductivity≥2.0w/mk
- PCB** | Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- MOUNTING SLEEVE** | ABS 075#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

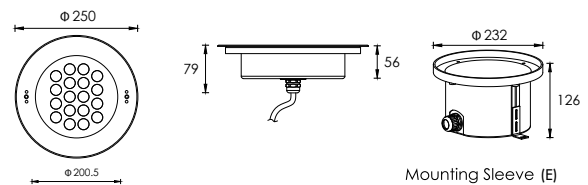


Overheat Sensor Inside

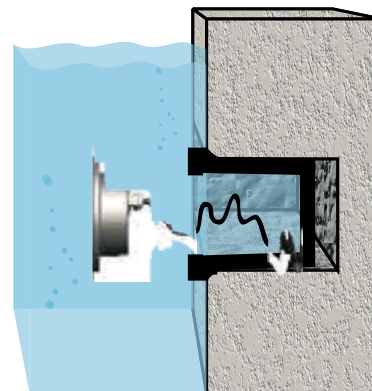
SS Finish - Mirror
Optional - Brushed finish on request.

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve (E)



- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

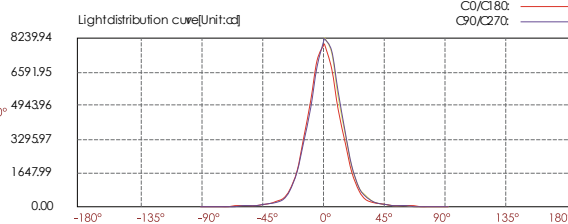
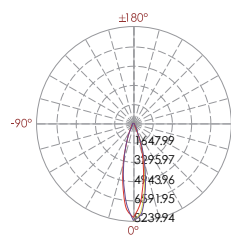
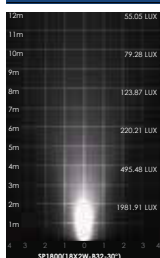


Built-in Radiator

TECHNICAL DATA

CODE	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP1800	18x2W	B32	30°	24V DC	1500	36W	Cool White = 2760 Warm White = 2700 RGB = 1740

PHOTOMETRIC CURVES



Ver.Spread:25.9 Horiz.Spread:24.8

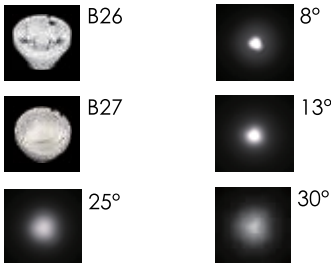
Center beam LUX	Beam width V	H
2m 1981.91 LUX	0.9m	0.9m
4m 495.48 LUX	1.8m	1.8m
6m 220.21 LUX	2.8m	2.6m
8m 123.87 LUX	3.7m	3.5m
10m 79.28 LUX	4.6m	4.4m
12m 55.05 LUX	5.5m	5.3m

Under Water Lighting

SP-L600

Recessed swimming pool LED light

OPTICS



LED COLOUR TEMPERATURE

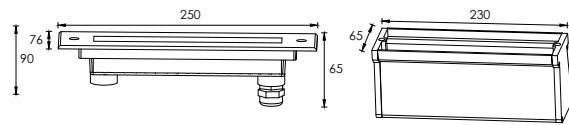
3000K · 6000K · RGB

MATERIAL SPECIFICATIONS

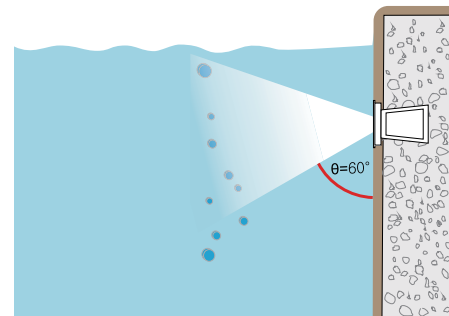
FRONT COVER & HOUSING	Hard chromeplated molding shaped stainless steel SUS 316#
FRONT PLATE	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Step tempered glass.T=9mm
GASKET	Silicone Gasket
LENS	Optical lens,efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE	H07RN-F 2X1.0mm2 L=3.0m
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth.
CABLE GLAND	IP68 PG-11 copper with nickel-coated
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
MOUNTING SLEEVE	ABS 039#
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



Mounting Sleeve 039#

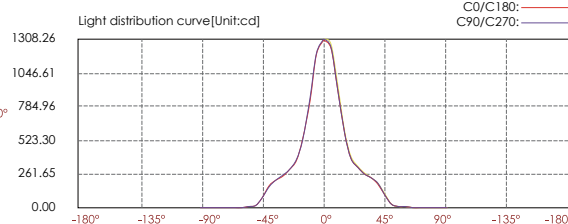
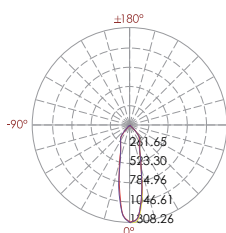
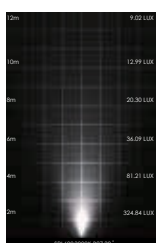


- Water must be allowed to go inside and outside sleeve freely without leaking to the other side.
- Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)
SP-L600	6×2W	B27	30°	24V DC	500	12	Cool White = 808 Warm White = 688 RGB = 620

PHOTOMETRIC CURVES



Light distance curve

Center beam LUX	Beam width V	H
324.84 LUX	1.0m	1.0m
81.21 LUX	1.9m	1.9m
36.09 LUX	2.9m	2.9m
20.30 LUX	3.8m	3.8m
12.99 LUX	4.8m	4.8m
9.02 LUX	5.8m	5.7m

Ver.Spread:27.0 Horiz.Spread:26.9

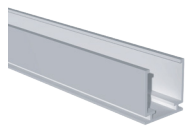
Under Water Lighting

Strip Light

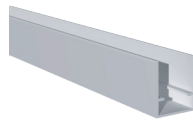
Tira LED River

Safe rain's range of river LED strip offers solutions fully adapted to ornamental fountains and swimming pools manufactured by double extrusion giving them IP 68 protection and IK resistance to impact the possibility of manufacturing strips of almost any length (custom made) ensures the success of the installation avoiding areas without light emission and optimizing the installation by adapting the product to each requirement we have lighting, White 3000k, 6000k, and RGB with IP67 degree of protection.

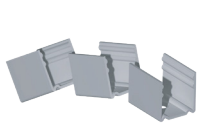
Clamps



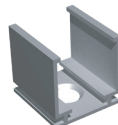
Low profile



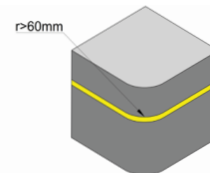
High profile



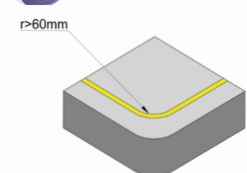
Mouldable profiles



Metal clamp



FRONT EMISSION/



LATERAL EMISSION/

Certifications IP67 IP68



Light emission	Reference	Protection	Color	Power	Lumens	Efficiency	Angle
	F5551503	IP68	RGB	12	280	23,3	120°
	F5551301		White/ Blanco 3000K	9,6	580	60,4	
	F5551108		White/ Blanco 6000K	9,6	580	60,4	
	F5553505	IP67	RGB	12	250	20,8	120°
	F5553303		White/ Blanco 3000K	9,6	660	68,7	
	F5553101		White/ Blanco 6000K	9,6	660	68,7	
	F5552504	IP68	RGB	12	280	23,3	120°
	F5552302		White/ Blanco 3000K	9,6	490	51,0	
	F5552109		White/ Blanco 6000K	9,6	510	53,1	
	F5554506	IP67	RGB	12	200	16,6	120°
	F5554304		White/ Blanco 3000K	9,6	530	55,2	
	F5554102		White/ Blanco 6000K	9,6	530	55,2	

Working temperature : -25°C/60°C

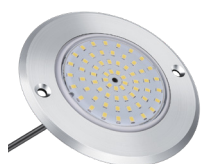
All the above references are 1m long. For other lengths, please consult us.

Ultra-Slim LED SS

Stainless Steel Ultra-Slim wall mounted underwater pool light

Specifications

- IP range: IP68
- Power Cable for DC: VDF H05RN-F 2X1.00MM (CW/WW)
VDF H05RN-F 4X0.5MM (RGB)
- Cable length: 2 meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- LED Color rendering index: Ra ≥80
- Compatible with RGB controller Code: CTR-200
- Operating temperature -40°C to + 45° C
- Material-SS316
- LED - SMD 2835
- Input voltage 12v DC



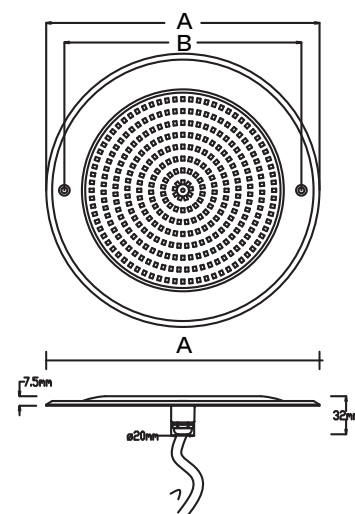
70006



70010



70018



Code	Power	Diameter (A)	B	Colour	Led qty	Lumen	Cable
70006-CW	6W	110mm	90mm	Cool White	63 pcs	700	2 Core
70006-WW	6W	110mm	90mm	Warm White	63 pcs	650	2 Core
70006-RGB	6W	110mm	90mm	RGB	63 pcs	-	4 Core
70010-CW	10W	160mm	130mm	Cool White	108 pcs	1100	2 Core
70010-WW	10W	160mm	130mm	Warm White	108 pcs	1000	2 Core
70010-RGB	10W	160mm	130mm	RGB	108 pcs	-	4 Core
70018-CW	18W	230mm	200mm	Cool White	252 pcs	2100	2 Core
70018-WW	18W	230mm	200mm	Warm White	252 pcs	2000	2 Core
70018-RGB	18W	230mm	200mm	RGB	252 pcs	-	4 Core
70035-CW	35W	280mm	240mm	Cool White	432 pcs	3500	2 Core
70035-WW	35W	280mm	240mm	Warm White	432 pcs	3400	2 Core
70035-RGB	35W	280mm	240mm	RGB	432 pcs	-	4 Core

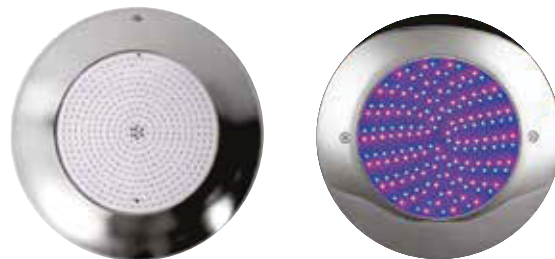
Under Water Lighting

STAINLESS STEEL WALL-MOUNTED FLAT UNDER WATER LED LIGHT - 70020 SERIES

Available in Cool White, Warm White and RGB.

Specifications

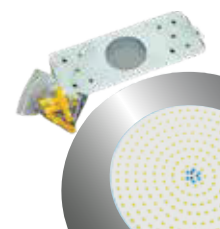
- IP range: IP68
- Power Cable: VDE HO7RN-F 2X1.00mm (WW/CW/RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- Compatible with RGB controller Code: CTR-100
- Operating temperature -40° C to +45° C
- Made in SS316
- LED - SMD 2835



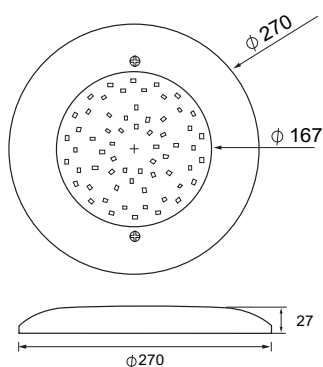
Front View



Side View



Included Spares
(SS Bracket & screws)



Code	70020-CW	70020-WW	70020-RGB	70030-CW	70030-WW	70030-RGB
Colour	Cool White 6000K	Warm White 3000K	RGB	Cool White 6000K	Warm White 3000K	RGB
Power	20W	20W	20W	30W	30W	30W
Lumen	2120	1820	1080	3180	2730	1620
Inp. Voltage	12V AC	12V AC	12V AC	12V AC	12V AC	12V AC
Cable Wires	2 wires	2 wires	2 wires	2 wires	2 wires	2 wires



Under Water Lighting

STAINLESS STEEL WALL-MOUNTED FLAT UNDER WATER LED LIGHT - 70015 SERIES

Available in Cool White, Warm White and RGB.

Specifications

- IP range: IP68
- Power Cable: VDE HO7RN-F 2X1.00mm (WW/CW/RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- Compatible with RGB controller Code: CTR-100
- Operating temperature -40° C to +45° C
- Made in SS316
- LED - SMD 2835



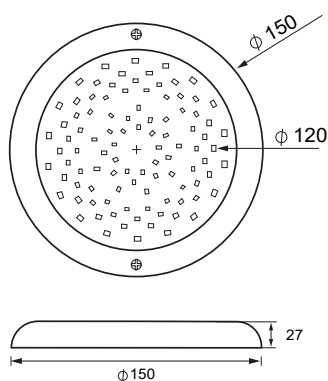
Front View



Side View



Included Spares (screws)



Code	70015-CW	70015-WW	70015-RGB
Colour	Cool White 6000K	Warm White 3000K	RGB
Power	15W	15W	15W
Lumen	1590	1380	810
Input. Voltage	12V AC	12V AC	12V AC
Cable Wires	2 wires	2 wires	2 wires



Ultra-Slim LED ABS

ABS Ultra-Slim wall mounted underwater pool Light

Specifications

- IP range: IP68
- Power Cable for DC: VDF H05RN-F 2X1.00MM (CW/WW)
VDF H05RN-F 4X0.5MM (RGB)
- Cable length: 2 meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- LED Color rendering index: Ra ≥80
- Compatible with RGB controller Code: CTR-200
- Operating temperature -40°C to + 45° C
- Material - ABS
- LED - SMD 2835
- Input voltage 12v DC



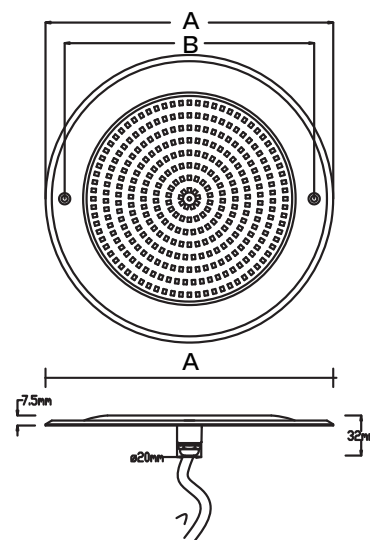
20006



20010



20018



Code	Power	Diameter (A)	B	Colour	Led qty	Lumen	Cable
20006-CW	6W	120mm	100mm	Cool White	63 pcs	700	2 Core
20006-WW	6W	120mm	100mm	Warm White	63 pcs	650	2 Core
20006-RGB	6W	120mm	100mm	RGB	63 pcs	-	4 Core
20010-CW	10W	160mm	130mm	Cool White	108 pcs	1100	2 Core
20010-WW	10W	160mm	130mm	Warm White	108 pcs	1000	2 Core
20010-RGB	10W	160mm	130mm	RGB	108 pcs	-	4 Core
20018-CW	18W	230mm	200mm	Cool White	252 pcs	2100	2 Core
20018-WW	18W	230mm	200mm	Warm White	252 pcs	2000	2 Core
20018-RGB	18W	230mm	200mm	RGB	252 pcs	-	4 Core

Under Water Lighting

ABS WALL - MOUNTED FLAT LIGHT 20020 SERIES

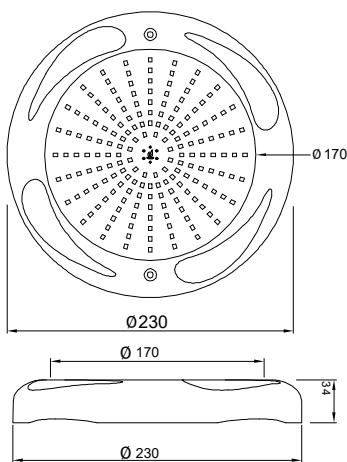
Specifications

- IP range: IP68
- Power Cable: VDE HO7RN-F 2X1.00mm (WW/CW/RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- Compatible with RGB controller Code: CTR-100
- Operating temperature -40 C to +45 C
- Made in ABS
- LED - SMD 2835



Side View

Included Spares
(ABS Bracket & Screws)



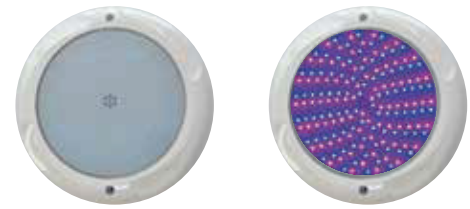
Code	20020-CW	20020-WW	20020-RGB
Colour	Cool White 6000K	Warm White 3000K	RGB
Power	20W	20W	20W
Lumen	2120	1820	1080
Input. Voltage	12V AC	12V AC	12V AC
Cable Wires	2 wires	2 wires	2 wires

Under Water Lighting

ABS WALL - MOUNTED FLAT LIGHT 20015 SERIES

Specifications

- IP range: IP68
- Power Cable: VDE HO7RN-F 2X1.00mm (WW/CW/RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- Compatible with RGB controller Code: CTR-100
- Operating temperature -40 C to +45 C
- Made in ABS
- LED - SMD 2835



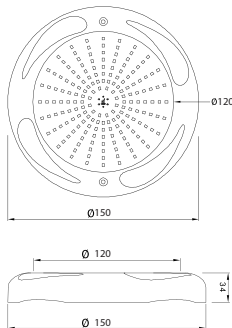
Front View



Side View



Included Spares (Screws)



Code	20015-CW	20015-WW	20015-RGB
Colour	Cool White 6000K	Warm White 3000K	RGB
Power	15W	15W	15W
Lumen	1590	1380	810
Inp. Voltage	12V AC	12V AC	12V AC
Cable Wires	2 wires	2 wires	2 wires



Under Water Lighting

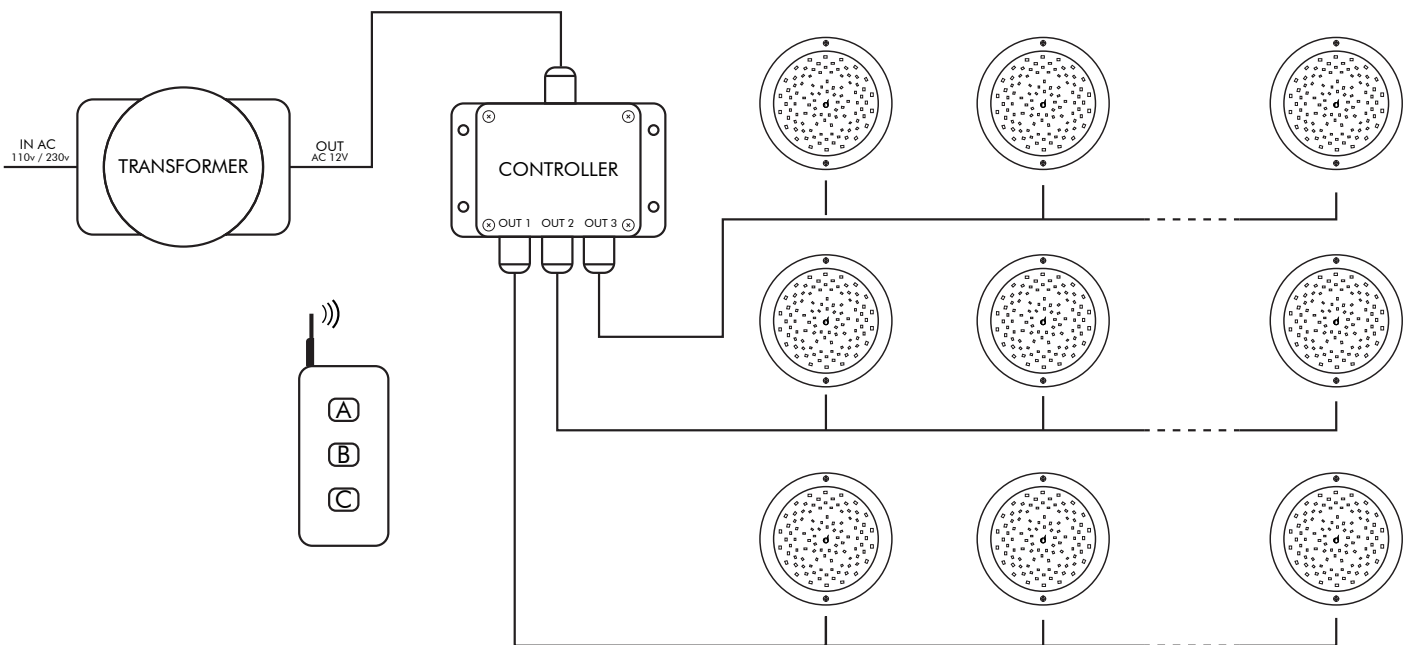
CTR-100 : RGB CONTROLLER

- input Voltage - AC12V
- Input Current - 30A(max)
- Dynamic Current According to your loads. (standard 0.5A)
- Output Voltage - AC12V
- Output Current - 30A(max)
- Provide Power - 250 x 3 VA
- Control Distance - 60M
- Working Humidity - 10%~90% RH
- Rfsensitivity (dBm)-112
- Input Voltage - AC12V
- It can control all AC12V input LED lights.



- Pack Dimension: 150mmx100mmx60mm
- Weight: 0.5kg
- Working Temperature: -40°C ~ +40°C

Connection Diagram



Code	Description
CTR-200	RGB Controller with remote for DC lights

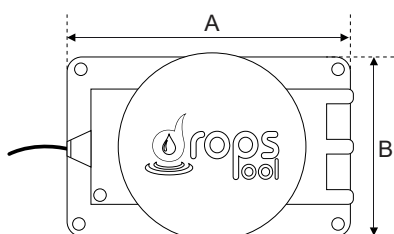


Under Water Lighting

TRANSFORMERS

Safety isolating transformer for swimming pool & fountain lightings.

- Maximum ambient temperature 40 C.
- Isolation class E.
- Protection system IP65.
- Rated supply voltage 220V AC.
- Rated output voltage 12V AC & 12V-16V AC.
- Frequency 50-60Hz.
- CE & ROHS Certified.
- Supplied with connector & plug on both sides.



CODE	POWER RATING (VA)	Output Voltage	A mm	B mm	C mm	Weight kg
81100	100	12V AC	197	130	60	2.7
81150	150	12V AC	197	130	60	2.7
81300	300	12V AC	200	145	75	3.9
81400	400	12V AC	222	150	75	4.6
81600	600	12V AC	—	—	—	—

CODE	POWER RATING (VA)	Output Voltage
81101	100	12V-16V AC
81151	150	12V-16V AC
81301	300	12V-16V AC
81401	400	12V-16V AC
81601	600	12V-16V AC

* Other voltages & ratings available upon request.

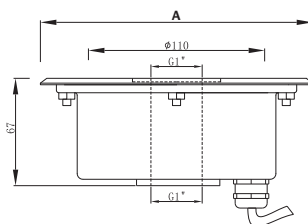
ORBIT FOUNTAIN LED

DropsPool ORBIT fountain circular LED light add a vibrant and colourful attraction to your fountain. Manufactured in high grade stainless steel 316 for long life and corrosion resistance.

ORBIT fountain LED light is available in colours - Cool white, Warm White & RGB.

Specifications

- IP range: IP68
- Power Cable: VDE HO7RN-F 2X1.00mm (WW/CW)
VDE HO7RN-F 4X1.00mm (RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- External control and DMX512 control option.
- Made in SS316
- Beam angle: 30° Standard
- Operating temperature -40° C to +55° C
- Suitable for 1" Nozzle connection



ORBIT fountain LED can insert any 1" Male connection nozzle. Suitable nozzle like - foam, crystal, bubbler, cascade, bell, etc.

Code	70100	70101	70102	70103
Colour	Cool White	Warm White	RGB	RGB
Power	9LED x 1W	9LED x 1W	9LED x 1W	9LED x 3W
Diameter A	170mm	170mm	170mm	200mm
Nozzle Connection (Size)	1"	1"	1"	1"
Lumen	846lm	846lm	460lm	654lm
Input Voltage	12V/24V DC/AC	12V/24V DC/AC	12V/24V DC/AC	12V/24V DC
Weight	1.8kgs	1.8kgs	1.8kgs	2.3kgs



Code	Description
33101	SS Flow regulator 1"



Code	Description
F2401018	1" foam nozzle in SS316 + black plastic

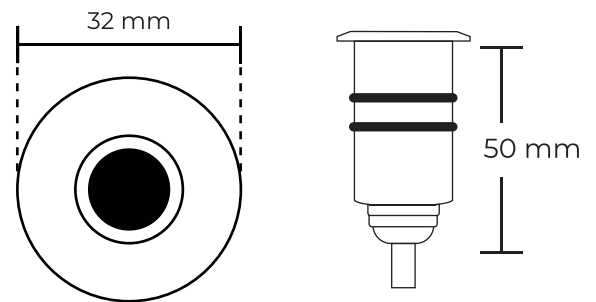


MONO LED

MONO LED light is available in colours - Cool white, Warm White & RGB.

Specifications

- IP range: IP68
- Power Cable:
VDE HO5RRR-F 2x0.5mm (WW/CW)
VDE HO5RRR-F 4X0.5mm (RGB)
- Cable length: 3meters
- Lifespan: > 50,000 hrs
- One piece PMMA lens
- External control and DMX512 control option.
- Made in SS316
- Beam angle: 30°Standard
- Operating temperature -40° C to +55° C
- CRI : >80
- Anti-aging silicon sealing ring
- High light transmission tempered glass



■ Installation type - Inground (underwater or surface)

Code	72100	72101	72102
Colour	Cool White	Warm White	RGB
Power	1LED x 1W	1LED x 1W	1LED x 1W
Diameter A	32mm	32mm	32mm
Lumen	104lm	96lm	R: 40lm G:80lm B: 16lm
Input Voltage	12VDC	12V DC	12VDC
Weight	0.35 kg	0.35 kg	0.8 kg

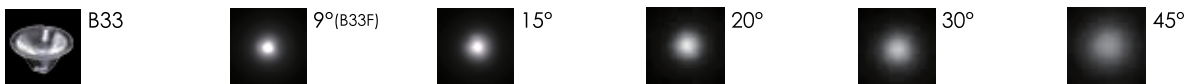


Under Water Lighting



FL300

OPTICS

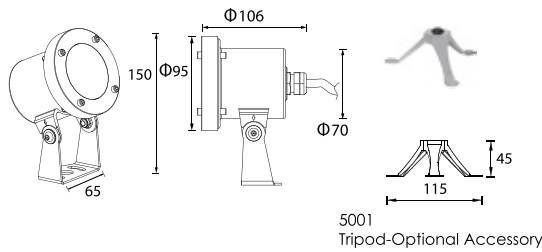


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• **Warning** : Must be installed under the water to prevent the light from burning up because of over-heating.

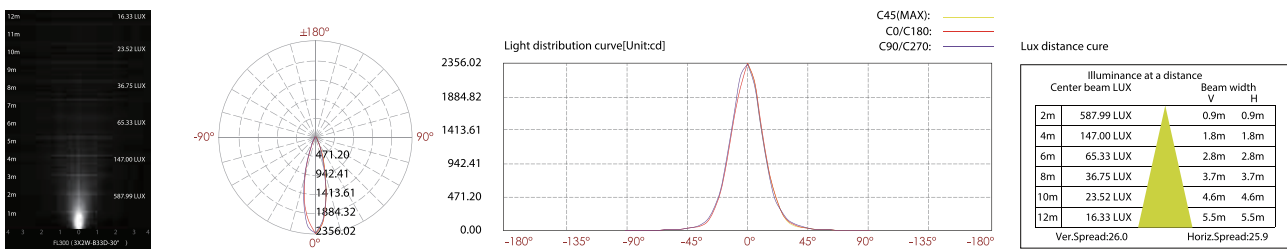
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel sus 316L#
- LIGHT WINDOW** | PMMA 8mm
- GASKET** | Silicone gasket
- LED** | Nichia
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth.
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FL300	3 x 2w 3 x 3w	B33D	30°	24V DC	320	7.7	Cool White = 760 Warm White = 674	08

PHOTOMETRIC CURVES



Under Water Lighting



FL600

OPTICS

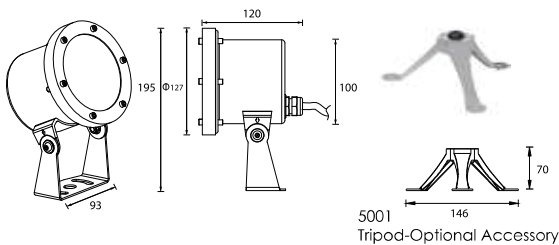


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• **Warning** : Must be installed under the water to prevent the light from burning up because of over-heating.

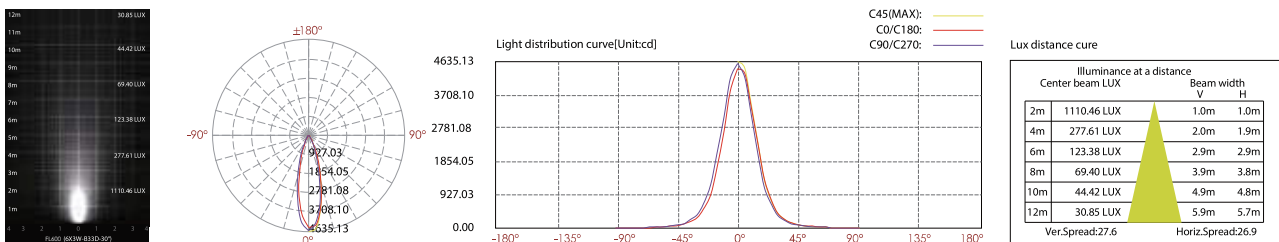
MATERIAL SPECIFICATIONS

- FRONT COVER & HOUSING** | Hard chrome plated molding shaped stainless steel sus 316L#
- LIGHT WINDOW** | PMMA 8mm
- GASKET** | Silicone gasket
- LED** | Nichia
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity $\geq 2.0w/mk$
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm² L=3.0m
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FL600	6 x 2w 6 x 3w	B33D	30°	24V DC	900	21.5	Cool White = 1700 Warm White = 1503	08

PHOTOMETRIC CURVES



TRIAC PWM 1-10V DALI IP68 OUTDOOR RATED

Under Water Lighting



FL1200

OPTICS

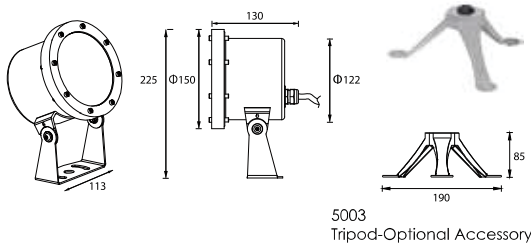


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



MATERIAL SPECIFICATIONS

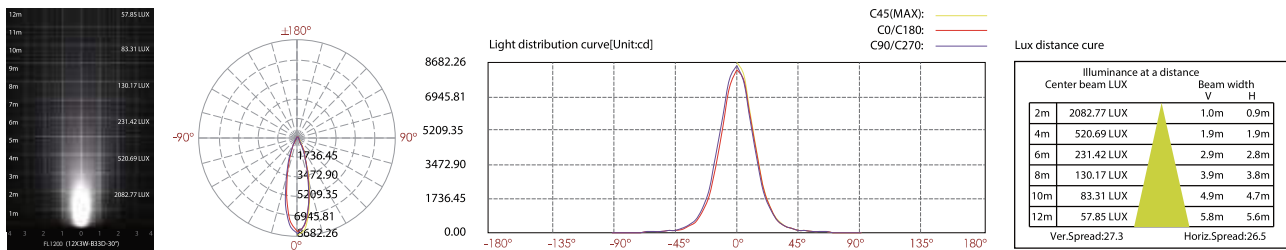
- FRONT COVER & HOUSING** | Hard chromeplated molding shaped stainless steel sus 316L#
- LIGHT WINDOW** | PMMA 8mm
- GASKET** | Silicone gasket
- LED** | Nichia
- CABLE GLAND** | IP68 PG-11 copper with nickel-coated
- PCB** | Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- POWER CABLE** | H07RN-F 2X1.0mm2 L=3.0m
- BUILT-IN OVERHEAT SENSOR SYSTEM** | Automatic Shutdown at 75°C
- APPLICATION ENVIRONMENT** | Temperature of water between -20°C~40°C less than 1 meter depth
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

•Warning : Must be installed under the water to prevent the light from burning up because of over-heating.

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FL1200	12 x 2w 12 x 3w	B33D	30°	24V DC	1600	38.4	Cool White = 3031 Warm White = 2668	08

PHOTOMETRIC CURVES



LT - 3600RF LED RGB Controller

LT-3600RF IS A MULTI-FUNCTIONAL RGB LED CONTROLLER, use the advanced PWM (pulse-Width modulation) control technique, built-in 32 kinds of changing mode. smooth changing effect with out flicker ; PC engineering plastic shell, exquisite appearance. the receiver has 8 keys, which are used for namely ON/OFF, PAUSE, MODE+/-, SPEED+/-, BRT+/-, compatible with RF remote (100m control distance). 12~24V DC wide voltage input, 3CH output (common anode), widely used for all kinds of LEDs with current- limiting resistor, like RGB LED modules, LED strips, SMD and so on.

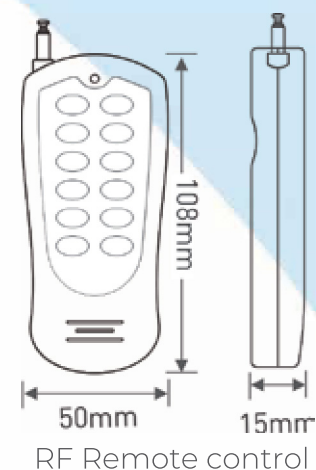
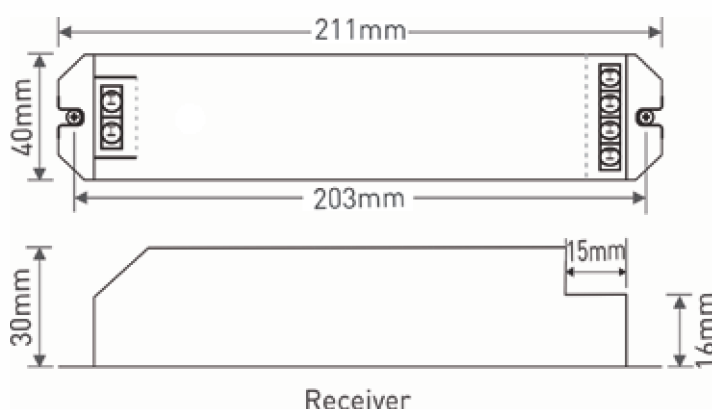


1. Technical Specs:

LT-3600RF (Common Anode)

- | | | | |
|-----------------------|-----------|------------------------|------------------|
| • Input voltage | 12~24V DC | • Remote output power: | 8mW |
| • Max current load: | 6A x 3CH | • Working Temp: | -30 ~ 55 |
| • Max output power: | 100m | • Dimensions: | L12xW40xH30(mm) |
| • RF remote distance: | 100m | • Package size | L313xW50xH32(mm) |
| • Radio frequency: | 433.92MHz | • Weight (G.W.): | 240g |

2. Product Size



3 CHANNEL CONSTANT VOLTAGE POWER REPEATER

Model NO: EV3-X

3 Channel/PWM signal input/Constant voltage output/3KV optoelectronic isolation

Features

- 12-36V constant voltage power repeater
- 3 channel 10A per channel
- To receive PWM signal control.
- Power repeater in series or in parallel to expand output unlimitedly
- Apply to single color or RGB constant voltage LED strip or module.



CE RoHS

Technical Parameters

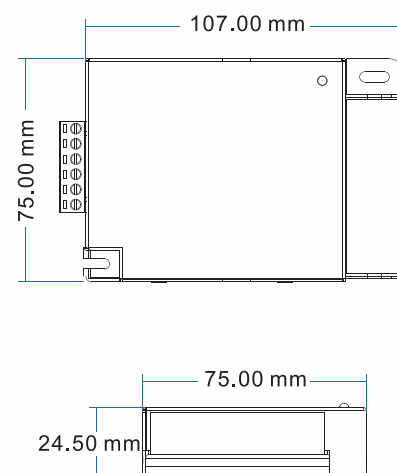
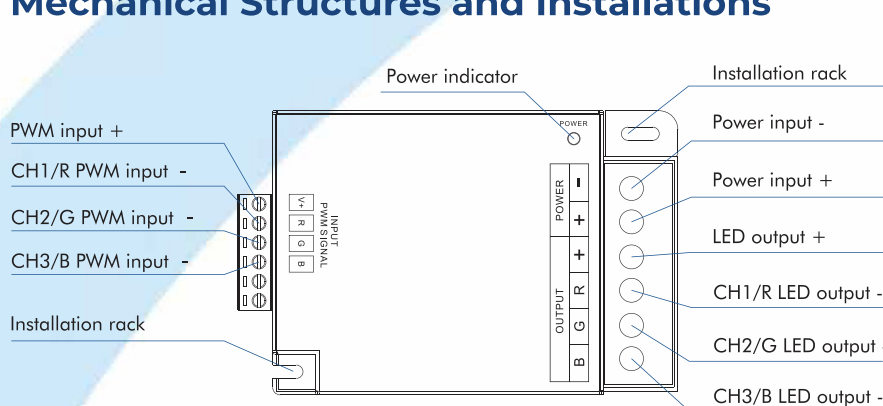
Input and output	
Input Voltage	12-36VDC
Input current	30.5A
Input signal	PWM
Output signal	3 x (12-36)VDC
Output current	3CH,10A/CH
Output power	3 x (120-360)W
Output type	Constant voltage

Safety and EMC	
EMC standard (EMC)	EN301 489,EN 62479
Safety standard(LVD)	EN60950
Certificate	CE,EMC,LVD
Protection	Reverse polarity

Weight	
Net weight	0.256kg
Gross weight	0.270kg

ENVIRONMENT	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature(Max.)	Ta: +85°C
IP rating	IP20

Mechanical Structures and Installations



Adobe Stock | #65249793



CLEANING ACCESSORIES





POOL FLEXIBLE VACUUM HEAD

Drops Pool flexible vacuum head collection is available in standard and heavy duty models both in 14 in. and 19 in. sizes with metal swivel handle and 1.5 in. Vacuum hose adapter for fast and thorough cleaning.

Standard model is suitable for residential small size pools, compact pools and small water bodies.

Heavy duty models are advisable for large residential and commercial pools.

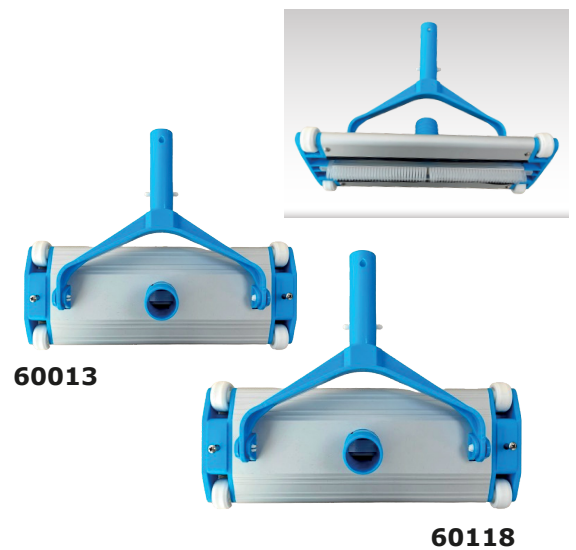


Code	Description	Box Qty.	Carton Wt. (kgs)
60014	Standard 14 in. flexible vacuum head with aluminium handle	6	8.00
60114	Heavy duty 14 in. flexible vacuum head with aluminium handle	12	26.40
60019	Heavy duty 19 in. flexible vacuum head with aluminium handle	12	32.30

POOL ALUMINIUM VACUUM HEAD

Deluxe vacuum heads rigid aluminium body in 13 in. and 18 in. with bottom thin brush for clean sweep and vacuum at bottom of pool. Fits for almost all telescopic poles of different lengths.

Code	Description	Box Qty.	Carton Wt. (Lbs.)
60013	Delux 13 in. vacuum head in aluminium body with butterfly handle	4	10.00
60118	Delux 18 in. vacuum head in aluminium body with butterfly handle	4	14.00



FLOATING CHLORINE DISPENSER

Code	Description	Box Qty.	Carton Wt. (Lbs.)
60005	Floating chlorine dispenser dia 5 in. twist lock cap	--	---
60007	Floating chlorine dispenser dia 7 in. twist lock cap	--	---

POOL BRUSHES



Code	Description	Box Qty.	Carton Wt. (kgs)
60010	10 in. / 26cm Nylon brush with aluminium handle	24	--
60018	18 in. / 45cm Standard nylon brush with aluminium handle	24	8.50
60205	5 in. / 13cm Stainless steel brush with aluminium handle (algae brush)	12	3.10
60210	10 in. / 26cm Stainless steel brush with aluminium handle (algae brush)	12	3.50
60218	18 in. / 45cm Stainless steel brush with aluminium handle (algae brush)	24	11.30



POOL NETS

Code	Description	Box Qty.	Carton Wt. (kgs)
66111	Heavy duty plastic flat net (leaf skimmer)	12	8.00
66222	Heavy duty plastic deep net with long wearing mesh (leaf rake)	12	26.40

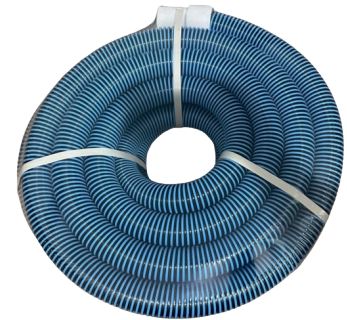
POOL THERMOMETER

Code	Description	Box Qty.	Carton Wt. (kgs)
60601	Round white thermometer	1	--
60602T	Animal head thermometer - turtle	1	--
60602D	Animal head thermometer - duck	1	--
60602F	Animal head thermometer - fish	1	--
60602W	Animal head thermometer - whale	1	--
60603	Analog thermometer	1	--





POOL VACUUM HOSE



Code	Description	Box Qty.	Carton Wt. (kgs)
60409	Spiral wound vacuum hose connc 1 1/2" - 9M	1	3.10
60412	Spiral wound vacuum hose connc 1 1/2" - 12M	1	3.50
60415	Spiral wound vacuum hose connc 1 1/2" - 15M	1	4.25
60430	Spiral wound vacuum hose connc 1 1/2" - 30M	1	8.50



Code	Description	Box Qty.	Carton Wt. (kgs)
60001	Test kit PH & OTO - 20ml	1	--
60001-R	Refill bottles PH & OTO - 20ml	1	--
60250-O	Refill bottle OTO - 250ml	1	--
60250-P	Refill bottle PH - 250ml	1	--



Cleaning Accessories

TELESCOPIC POLE



Code	Description	Box Qty.	Carton Wt. (kgs)
61836	Telescopic pole 1.8m to 3.6m	10	9.50
62448	Telescopic pole 2.4m to 4.8m	10	11.00
63672	Telescopic pole 3.6m to 7.2m	10	15.00



Code	Description
66250	Lifebouy ring - Kids
66500	Lifebouy ring - Adults
66600	Life hook in aluminium



INLINE CHLORINE / BROMINE DISPENSER

Chlorine dispenser made from durable ABS plastic, equipped with a dual safety cover featuring an integrated manual air release valve. It features a user-friendly adjustment regulation valve and a drainage plug. The unit includes a mounting apparatus for secure use and proper installation. It features 1 1/2" 2 threaded connections for both inlet and outlet. A flow direction marker on the casing guarantees proper installation.



Code	Description
40100	Inline Chlorine Feeder 4.20 lbs (2kgs)



Code	Description
40200	Inline chlorine feeder 9 lbs (4kgs)

FLOATING CHLORINE DISPENSER



60005

Code	Description
60005	Floating chlorine dispenser dia 5 in. twist lock cap



60007

Code	Description
60007	Floating chlorine dispenser dia 7 in. twist lock cap

CHLORINE GENERATOR

DSC

- Salt Chlorinator applied advanced micro-computer technology and customer oriented design, to provide
- the most energy saving and environmental friendly method to sanitize small and medium pools.
- Chlorine output is adjustable from 20% to 100% by simply pressing two buttons, satisfying different needs for different pools.
- Different from those traditional disinfecting equipments, this salt chlorinator doesn't produce any disgusting smells. Discomfort like pinkeye or skin itch can be avoided as well.



DSC

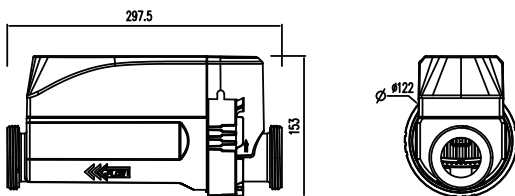


DSC ADVANCED

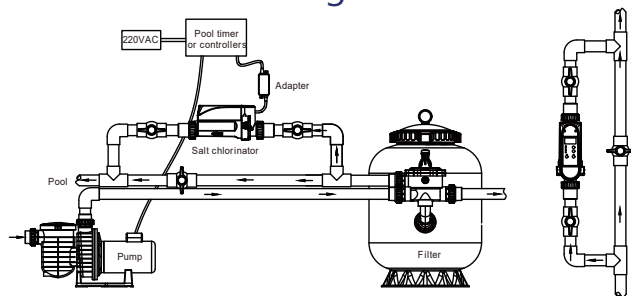
DSC ADVANCED

- Smart control: Can be managed by mobile phones conveniently.
- Self-adapting mode: Adaptive downshift in low salt mode.
- Self-cleaning function: Customize the self-cleaning time according to user's needs, to reduce the dirt and extend the life of the product.
- Salt shortage reminder: It will alarm the required amount of salt when the salt is insufficient.
- One-Click BOOST: BOOST can accelerate the chlorine production to disinfect microorganisms quickly.

Exploded view



Installation diagram



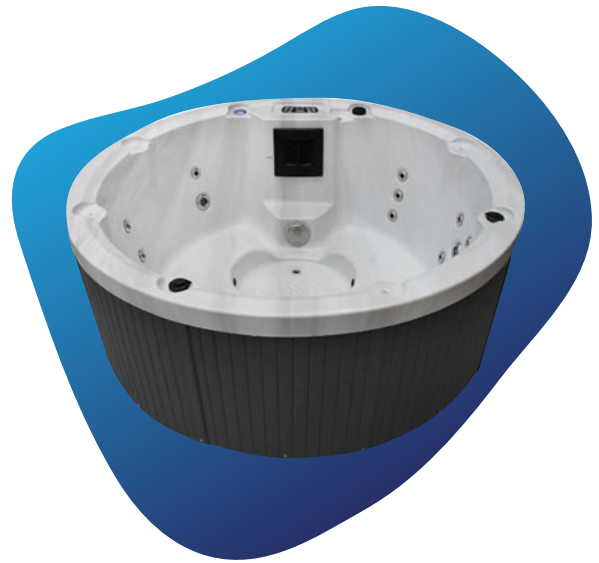
Model	Chlorine Output (g/h)	Voltage (V)	Current (A)	Pool Volume (m ³)	Inlet and Outlet diameter (inch/mm)
DSC-08	8	DC24	4	35	1.5"/ø50
DSC-12	12	DC24	4	50	1.5"/ø50
DSC-16	16	DC24	4	68	1.5"/ø50
DSC-20	20	DC24	4	85	1.5"/ø50
DSC-04-A	4	DC12	2	18	1.5"/ø50
DSC-08-A	8	DC24	4	35	1.5"/ø50
DSC-12-A	12	DC24	4	50	1.5"/ø50
DSC-16-A	16	DC24	4	68	1.5"/ø50
DSC-20-A	20	DC24	4	85	1.5"/ø50



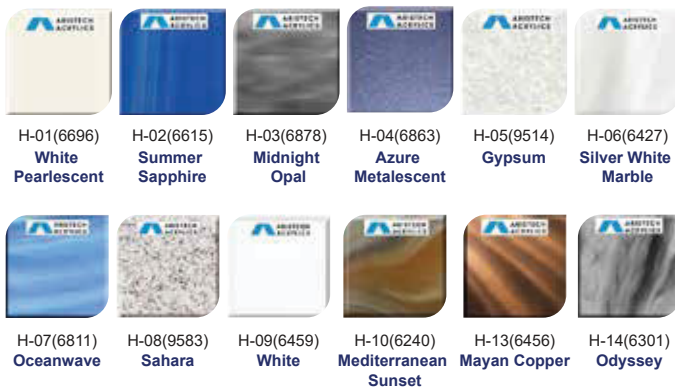
SPA



DP ▶ 9085



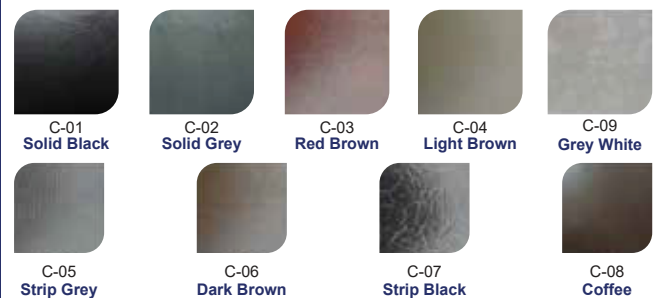
Shell Colour:



Cabinet color:



Cover Color:

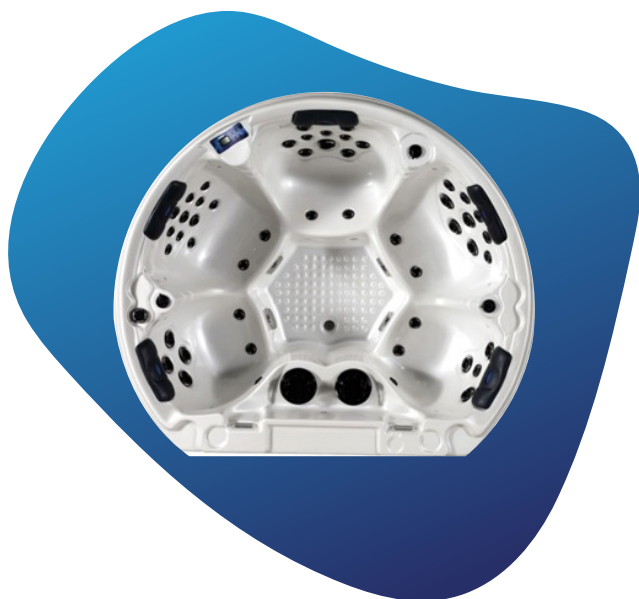


Reclining / Seating	0 / 7 persons
Dimension	Ø1950mm x 820mm
Packaging	Ø1950mm x 840mm x 2080mm
Net Weight	300kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	5.5kW / 26A
Air Blower	-
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	-
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

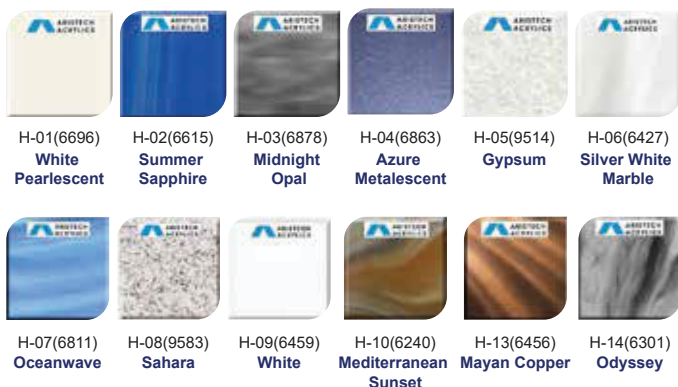
Jets (Stainless Steel Trim)	21pcs x Hydromassage Jets 3pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	16pcs

- Optional:**
- ▶ cabinet corner light
 - ▶ special pillow for the round spa

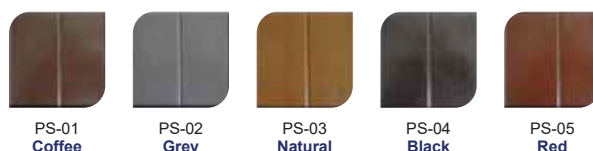
DP ▶ 6081



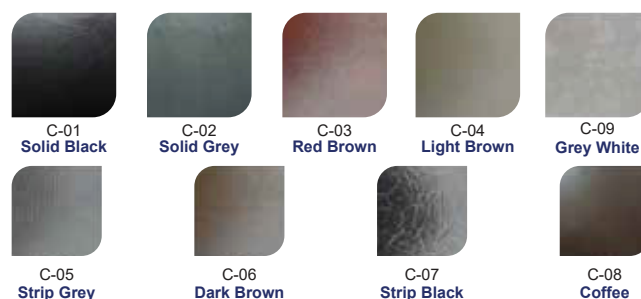
Shell Colour:



Cabinet color:



Cover Color:



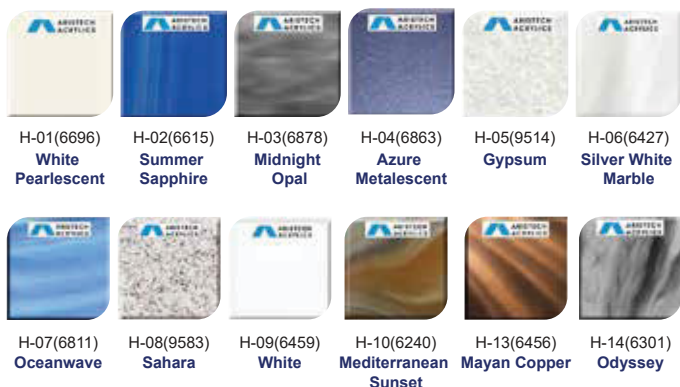
Reclining / Seating	0 / 5 persons
Dimension	2150mm x 1850mm x 930mm
Packaging	1870mm x 940mm x 2280mm
Net Weight	285kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	6.78kW / 31.0A
Air Blower	1 x 700W
Ozonator	50mg/h
Waterfall	1 pair (with LED lights)
Pillow	5pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	40 pcs x Hydromassage Jets 10 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 2hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	19pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 5084



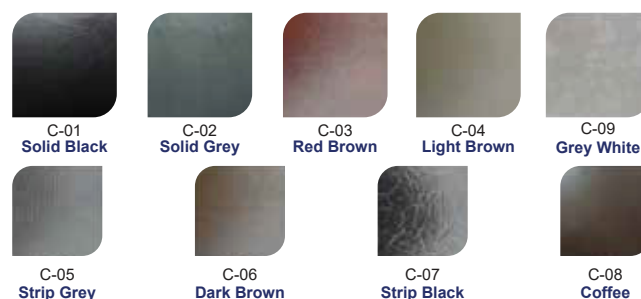
Shell Colour:



Cabinet color:



Cover Color:



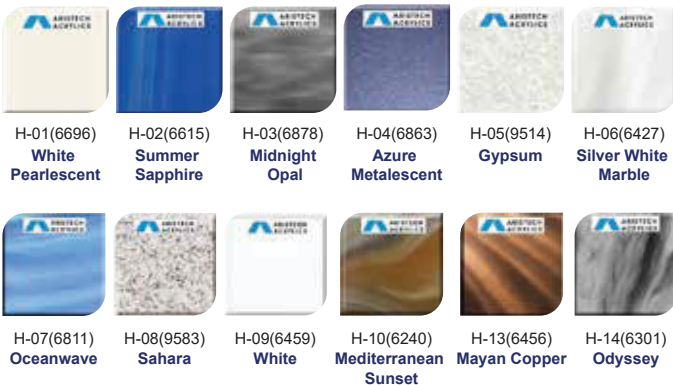
Reclining / Seating	2 persons / 0
Dimension	1950mm x 1400mm x 750mm
Packaging	1420mm x 770mm x 2080mm
Net Weight	215kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	5.94kW / 27A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	2pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	-

Jets (Stainless Steel Trim)	38 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	17pcs
Optional:	<ul style="list-style-type: none"> ▶ Big water fall with LED ▶ Cabinet corner light ▶ UV water sterilizer ▶ PS step

DP ▶ 2083



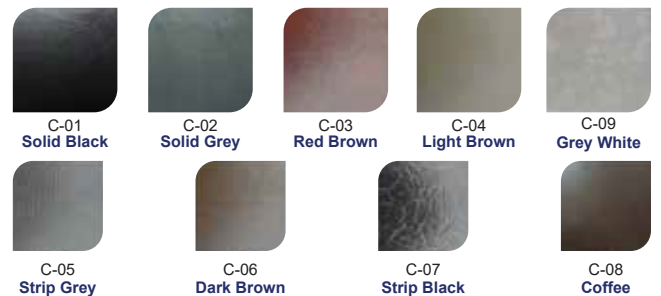
Shell Colour:



Cabinet color:



Cover Color:



Reclining / Seating	2 persons / 0
Dimension	2100mm x 1600mm x 770mm
Packaging	1620mm x 790mm x 2230mm
Net Weight	255kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	6.03kW / 27.38A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	2pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

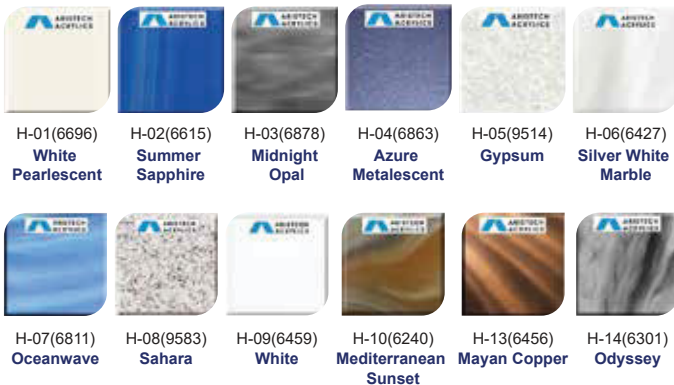
Jets (Stainless Steel Trim)	34 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	18pcs

- Optional:**
- ▶ cabinet corner light
 - ▶ aroma feeder
 - ▶ UV water sterilizer
 - ▶ pop-up fountain with LED lights

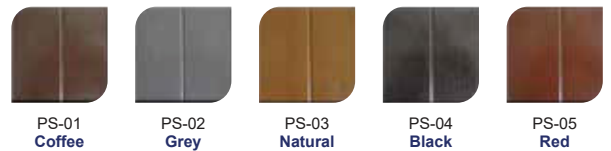
DP ▶ 5085



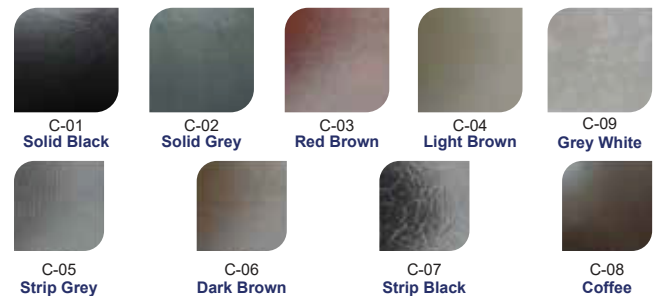
Shell Colour:



Cabinet color:



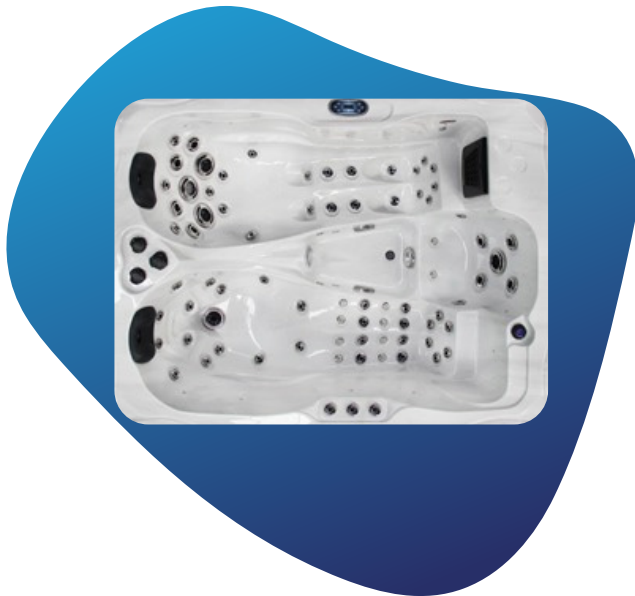
Cover Color:



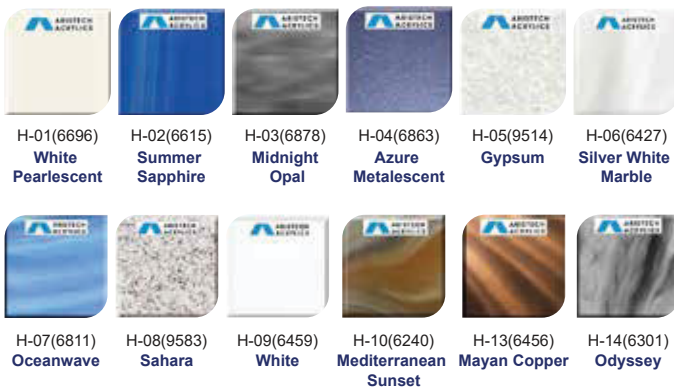
Reclining / Seating	1 person / 2 persons
Dimension	1950mm x 1270mm x 700mm
Packaging	1290mm x 720mm x 2080mm
Net Weight	210kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	5.63kW / 26A
Air Blower	-
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	3pcs
SPA cover	1pc
ABS base plate	1pc
Standard Step	-

Jets (Stainless Steel Trim)	29pcs x Hydromassage Jets -
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	8pcs
Optional:	<ul style="list-style-type: none"> ▶ Pop up fountain with LED light ▶ Cabinet corner light

DP ▶ 2001



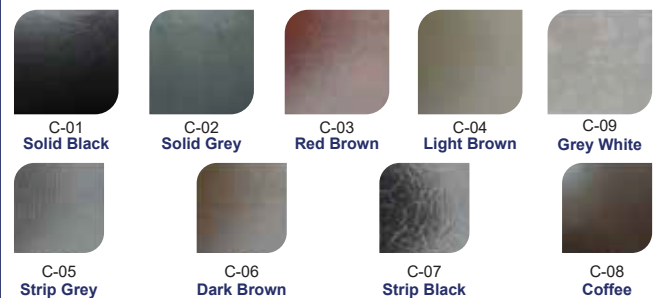
Shell Colour:



Cabinet color:



Cover Color:



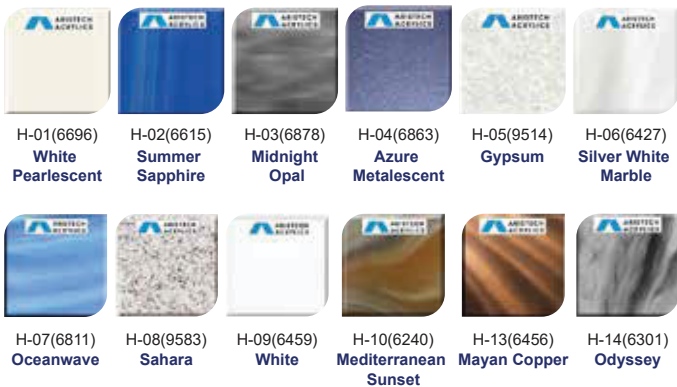
Reclining / Seating	2 persons / 1 person
Dimension	2100mm x 1600mm x 900mm
Packaging	1620mm x 920mm x 2230mm
Net Weight	280kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	8.14kW / 37A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	2pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	65 pcs x Hydromassage Jets 10 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	15pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 3001



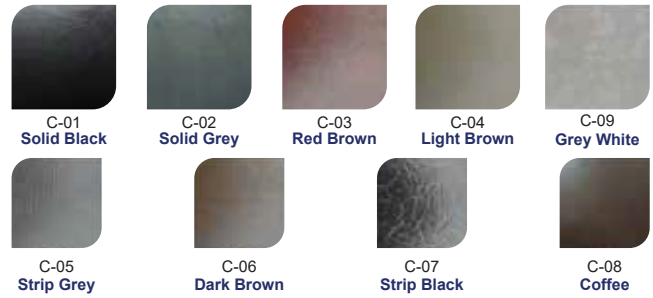
Shell Colour:



Cabinet color:



Cover Color:



Reclining / Seating	1 person / 2 persons
Dimension	2100mm x 1600mm x 920mm
Packaging	1620mm x 940mm x 2230mm
Net Weight	290kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	8.14kW / 37A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	3pcs (2pc with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

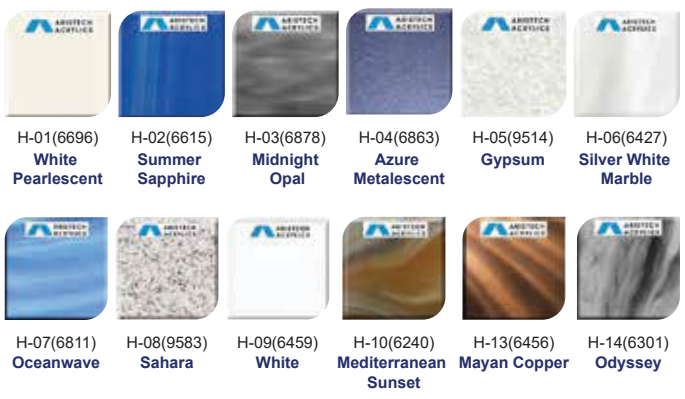
Jets (Stainless Steel Trim)	54 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	17pcs

- Optional:**
- ▶ cover lifter
 - ▶ aroma feeder
 - ▶ UV water sterilizer
 - ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 3083



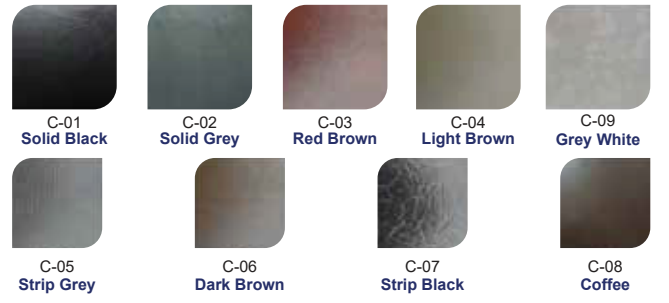
Shell Colour:



Cabinet color:



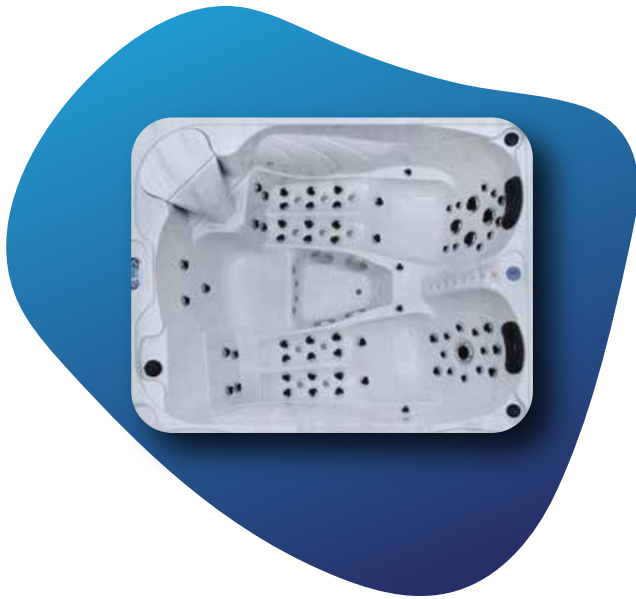
Cover Color:



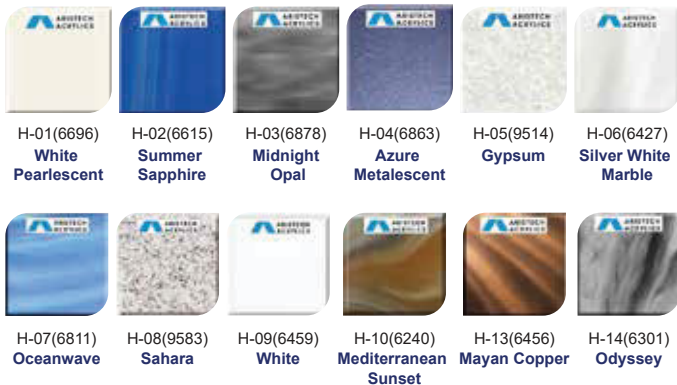
Reclining / Seating	1 person / 2 persons
Dimension	2100mm x 1600mm x 930mm
Packaging	1620mm x 950mm x 2230mm
Net Weight	290kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	6.78kW / 31A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	1pc (with LED light)
Pillow	3pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	52 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 2hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	25pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 5087



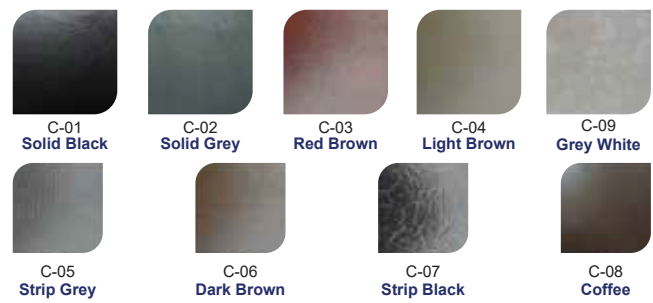
Shell Colour:



Cabinet color:



Cover Color:



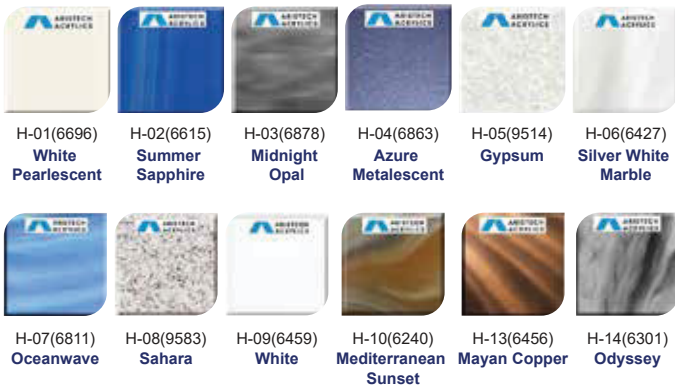
Reclining / Seating	2 persons / 1 person
Dimension	2100mm x 1700mm x 900mm
Packaging	1720mm x 920mm x 2230mm
Net Weight	320kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	7.88kW / 36A
Air Blower	1 x 400W
Ozonator	50mg/h
Water fall	1pc (with LED light)
Pillow	2pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	71 pcs x Hydromassage Jets 10 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	37pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 3086



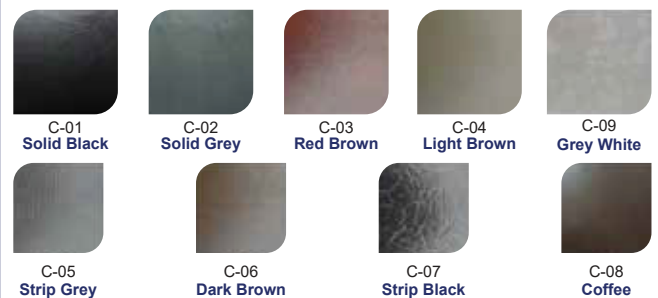
Shell Colour:



Cabinet color:



Cover Color:



Reclining / Seating	2 persons / 1 person
Dimension	2100mm x 1700mm x 920mm
Packaging	1720mm x 940mm x 2230mm
Net Weight	320kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	6.78kW / 31A
Air Blower	1 x 400W
Ozonator	50mg/h
Small waterfall	1pc (with LED light)
Pillow	2pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

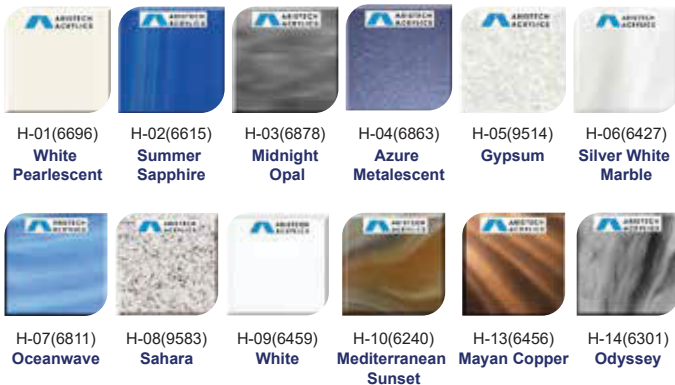
Jets (Stainless Steel Trim)	46 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 2hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	18pcs

Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ Bar table(120x30cm) with stools(2pcs)
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DP ▶ 4185



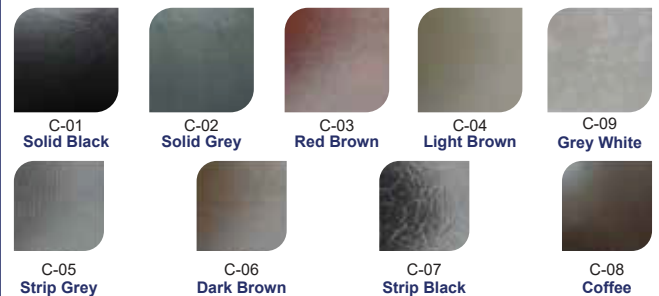
Shell Colour:



Cabinet color:



Cover Color:



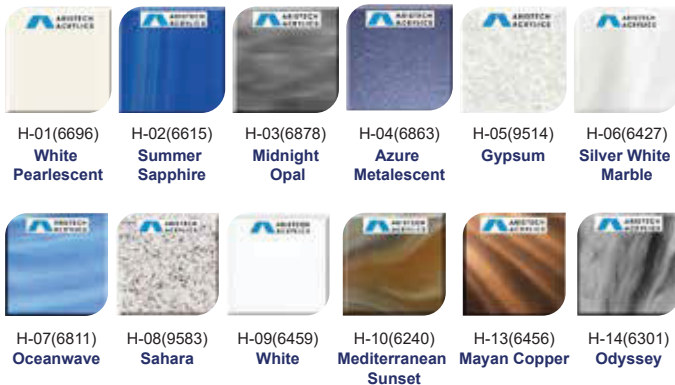
Reclining / Seating	2 persons / 3 persons
Dimension	2000mm x 2000mm x 900mm
Packaging	2020mm x 920mm x 2130mm
Net Weight	350kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	29A
Air Blower	1 x 700W
Ozonator	50mg/h
Fountain jets	3pcs (with LED lights)
Pillow	3pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	36 pcs x Hydromassage Jets 12 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	28pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 2085



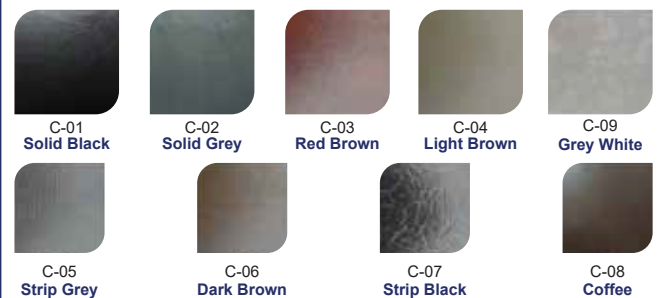
Shell Colour:



Cabinet color:



Cover Color:



Reclining / Seating	1 persons / 5 persons
Dimension	2000mm x 2000mm x 920mm
Packaging	2020mm x 940mm x 2130mm
Net Weight	350kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	28A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	4pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	35 pcs x Hydromassage Jets 8 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump

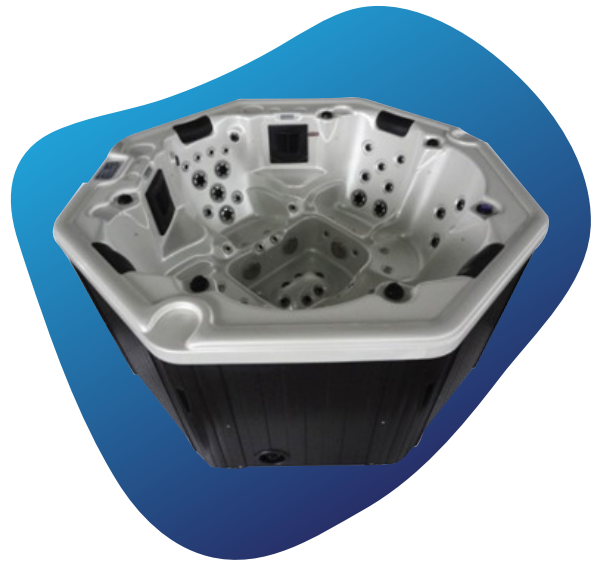
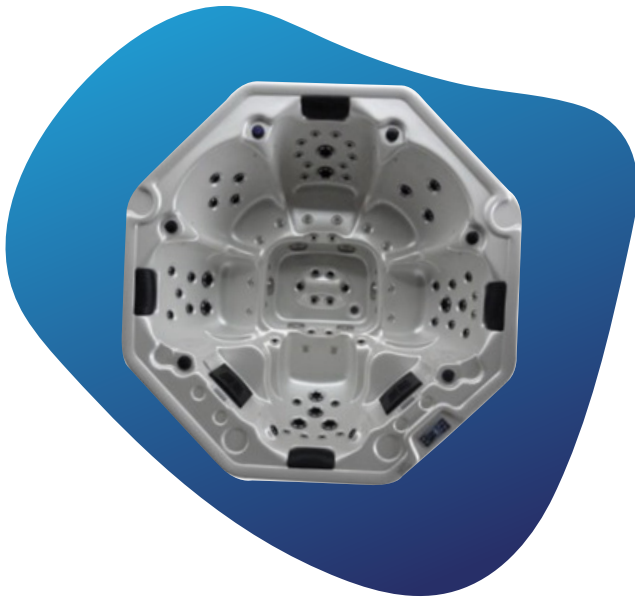
Balboa system with 3KW Heater 1 set

Filter House with one paper filter 1 set

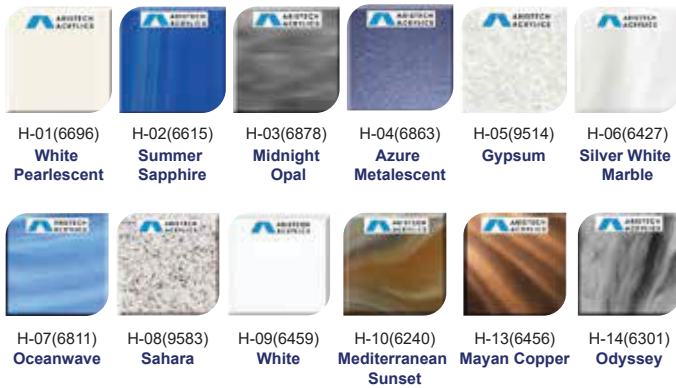
LED optic light (multi-coloured) 23pcs

- Optional:**
- ▶ cover lifter
 - ▶ aroma feeder
 - ▶ UV water sterilizer
 - ▶ bar table(120x30cm) with stools(2pcs)
 - ▶ pop up fountain with LED lights

DP ▶ 8081



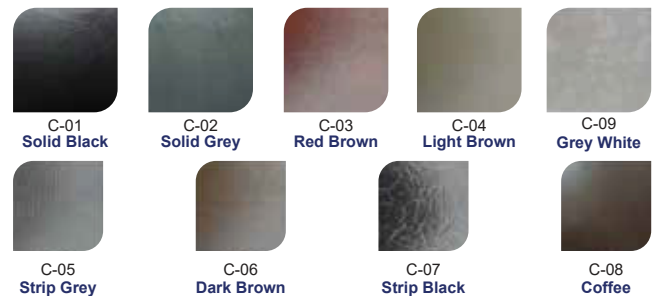
Shell Colour:



Cabinet color:



Cover Color:

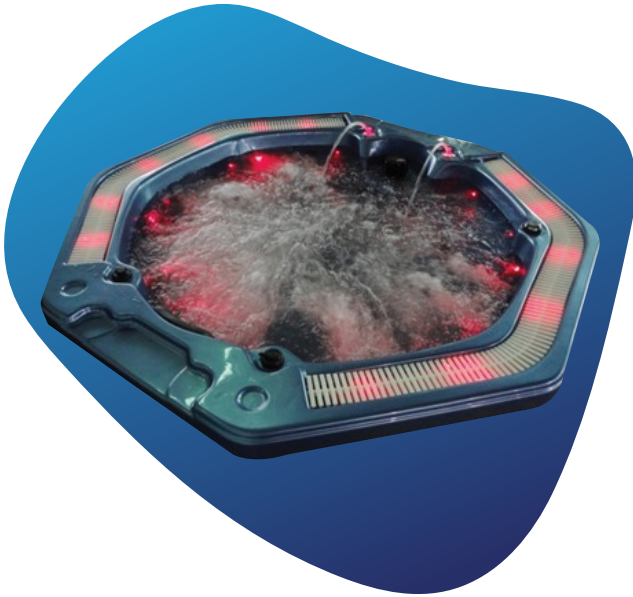


Reclining / Seating	0 / 6 persons
Dimension	2200mm x 2200mm x 970mm
Packaging	2220mm x 990mm x 2330mm
Net Weight	350kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	8.3kW / 38A
Air Blower	1 x 700W
Ozonator	50mg/h
Waterfall	2pcs (with LED light)
Pillow	4pcs
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

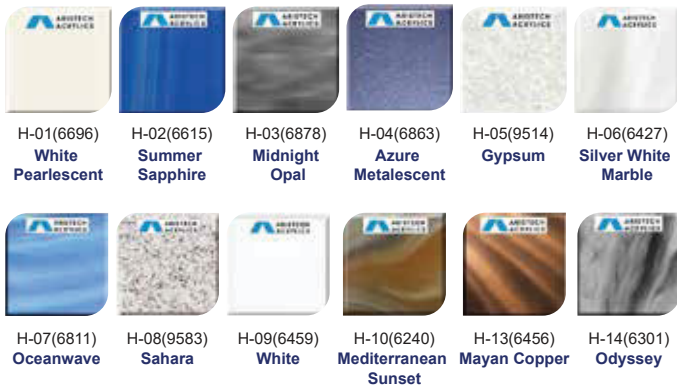
Jets (Stainless Steel Trim)	60 pcs x Hydromassage Jets 12 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 3hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	2 set
LED optic light (multi-coloured)	18pcs

- Optional:**
- ▶ cover lifter
 - ▶ aroma feeder
 - ▶ UV water sterilizer
 - ▶ cabinet corner light

DP 7081



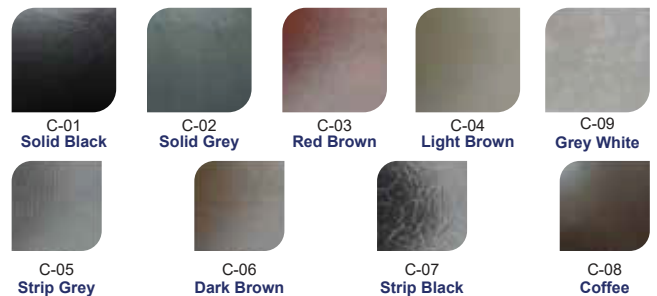
Shell Colour:



Cabinet color:



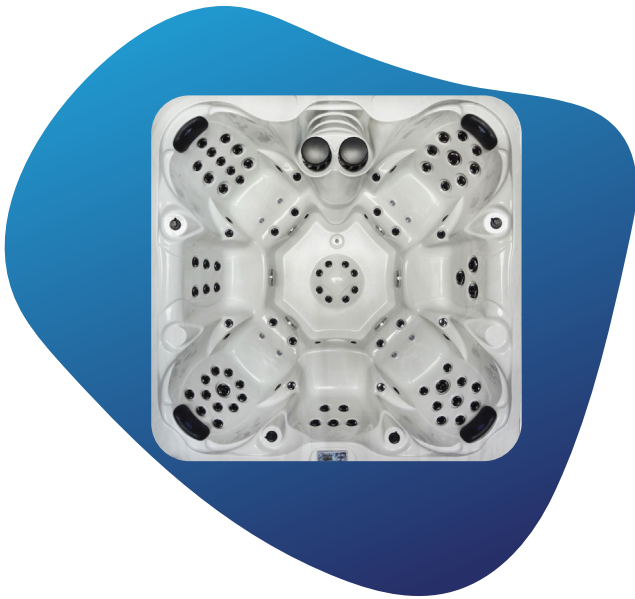
Cover Color:



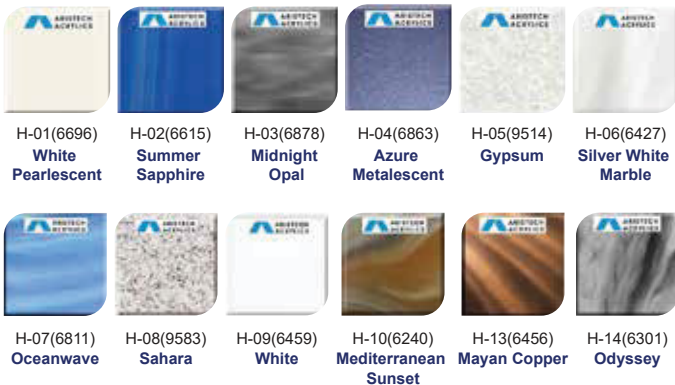
Reclining / Seating	0 / 7 persons
Dimension	2200mm x 2200mm x 970mm
Packaging	2220mm x 990mm x 2330mm
Net Weight	350kg
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	6.8kw / 31A
Air Blower	1 x 700W
Ozonator	50mg/h
Grating	1set
Pillow	1pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	47 pcs x Hydromassage Jets 12 pcs x Air Jets
Pumps	1 x 0.5hp circulation pump 2 x 2hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	1 set
LED optic light (multi-coloured)	27pcs
Optional:	<ul style="list-style-type: none"> ▶ cover lifter ▶ aroma feeder ▶ pop up fountain with LED lights ▶ bar table(120x30cm) with stools(2pcs)

DP ▶ 2082



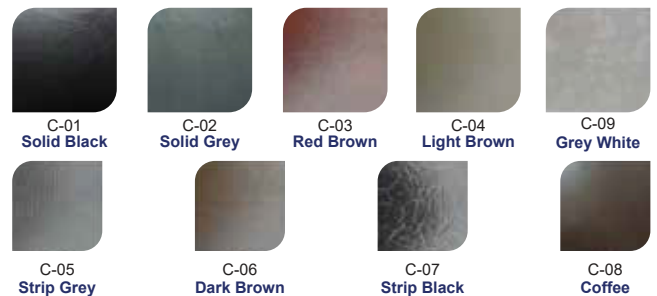
Shell Colour:



Cabinet color:



Cover Color:



Reclining / Seating	0 / 7 persons
Dimension	2300mm x 2300mm x 950mm
Packaging	2320mm x 970mm x 2430mm
Net Weight	445kgs
Electric Supply	220v/50-60Hz or 380v/50-60Hz
Power / Current	9.03kW / 41A
Air Blower	1 x 400W
Ozonator	50mg/h
Mushroom Fountain	-
Pillow	4pcs (with LED lights)
SPA cover	1pc
ABS base plate	1pc
Standard Step	1pc

Jets (Stainless Steel Trim)	88 pcs x Hydromassage Jets 8 pcs x Air Jets (with LED lights)
Pumps	1 x 0.5hp circulation pump 1 x 3hp hydromassage pump 2 x 2hp hydromassage pump
Balboa system with 3KW Heater	1 set
Filter House with one paper filter	2 sets
LED optic light (multi-coloured)	34pcs
Optional:	<ul style="list-style-type: none"> ▶ cabinet corner light ▶ aroma feeder ▶ UV water sterilizer ▶ bar table(120x30cm) with stools(2pcs) ▶ cover lifter

COLOUR SWATCHES



Shell Colour:



H-01(6696)
White
Pearlescent



H-02(6615)
Summer
Sapphire



H-03(6878)
Midnight
Opal



H-04(6863)
Azure
Metalescent



H-05(9514)
Gypsum



H-06(6427)
Silver White
Marble



H-07(6811)
Oceanwave



H-08(9583)
Sahara



H-09(6459)
White



H-10(6240)
Mediterranean



H-13(6456)
Mayan Copper



H-14(6301)
Odyssey



Cabinet color:



PS-01
Coffee



PS-02
Grey



PS-03
Natural



PS-04
Black



PS-05
Red

Cover Color:



C-01
Solid Black



C-02
Solid Grey



C-03
Red Brown



C-04
Light Brown



C-09
Grey White



C-05
Strip Grey



C-06
Dark Brown



C-07
Strip Black



C-08
Coffee



SPA FITTINGS

HYDRO MASSAGE JET

Hydro massage jet are made in UV- resistant white ABS with connection sizes 50 mm x 50 mm and 1.5" x 1.5 for both water and air.

Ideal flowrate require per nozzle/jet- 4.5m3/hr.

Atmospheric pressure - 0.8 bar

CODE	DESCRIPTION
12215	Hydro massage jet 1.5 x 1.5 in full ABS
12215SS	Hydro massage jet 1.5 x 1.5 in ABS & SS 316 face with ring
12250	Hydro massage jet 50mm x 50mm in full ABS
12250SS	Hydro massage jet 50mm x 50mm in ABS & SS 316 face with ring

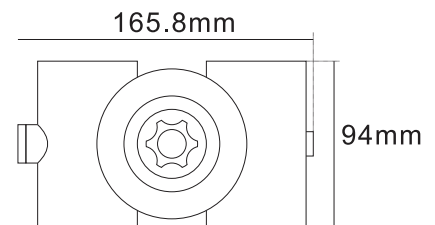
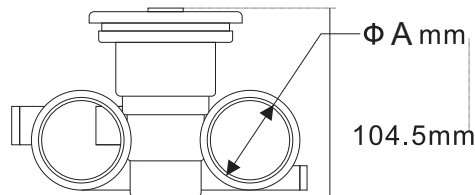
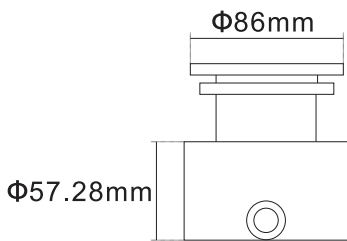


Massage jet with SS 316 ring

CODE	SIZE (A)
12250	50mm
12215	1.5 inch



Massage jet in full ABS



SPA FITTINGS



pneumatic switch use to send signal to on/off for jacuzzi

CODE	Description
12310	Pneumatic switch



Adjustable Air Controller Made In White Abs & Chrome Face Plate. 1inch orifice For Air Regulation.

CODE	Description
12330	Air controller (adjustable)



Pneumatic push button use for jacuzzi on/off (manual) made in white ABS.

CODE	Description
12330	Pneumatic push button chrome plated



Pneumatic push button use for jacuzzi on/off (manual) made in white ABS.

CODE	Description
12330	Pneumatic push button chrome plated

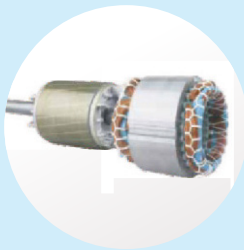
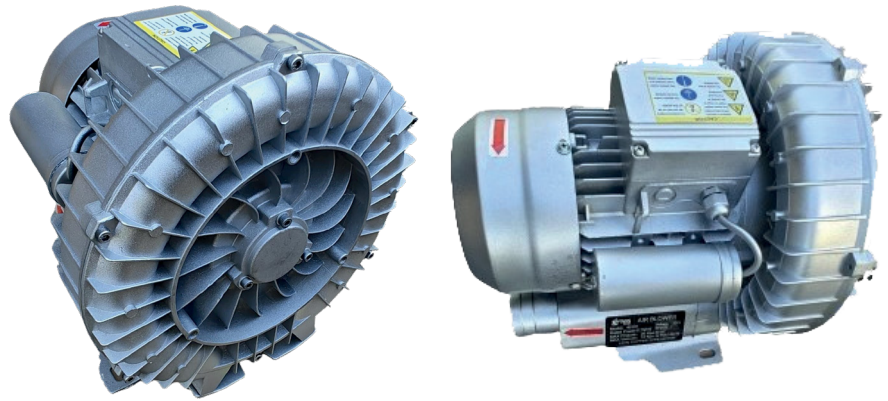


Transparent flexible pipe internal Dia 3mm

CODE	Description
12340	Pneumatic push button chrome plated

AIR BLOWER

Drops Pool air blower can be used in almost all areas without pulsating vacuum and pressure operation requirements. This kind of blower can be installed horizontally or Vertically. Die casting aluminum material make the structure extremely strong.



Adopt cold rolling machine core, make the motor run more efficiently and the temperature rise is lower.



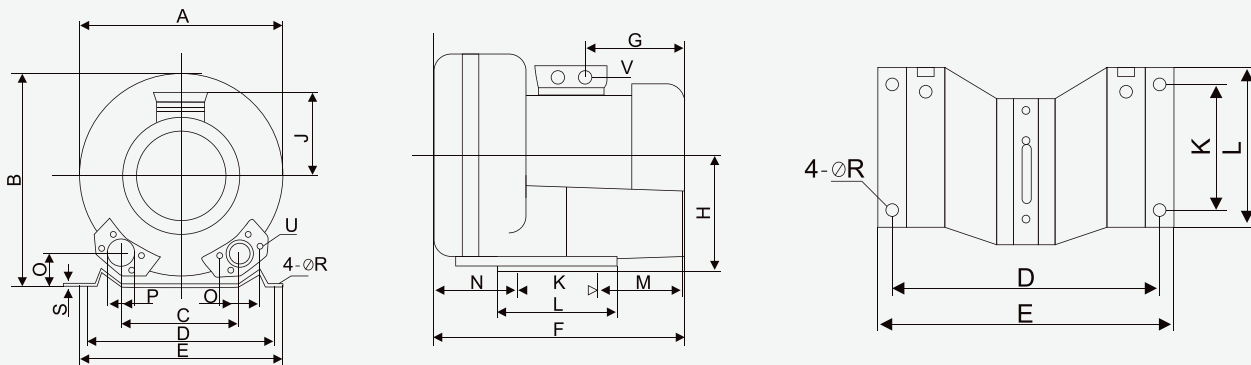
Imported heat-resistant sealed bearings.



High precision machining, strongly cast aluminum material the medium delivery pressure constant and efficient.

MODEL		RATED POWER		CURRENT (A)		HYDRAULIC				
monophase	triphase	Hp	kW	monophase	triphase	QMAX m ³ / H	MP (mPa)	MNP (mPa)	Noise (dB)	Weight (KG)
40501	40503	0.5	0.37	2	0.97/1.5	65	13	-11	<56	11
40751	40753	0.75	0.55	3.5	1.2/2.5	85	16	-14	<56	15
40101	40103	1.0	0.75	6.5	2/3.3	140	20	-18	<56	18
40151	40153	1.5	1.1	7.2	2.8/4.4	180	28	-23	<60	23
40201	40203	2.0	1.5	9	3.4/6	200	32	-24	<60	25
40301	40303	3.0	2.2	12	5.5/8.5	260	40	-30	<60	35
-	40403	4.0	3.0	-	7/11	280	45	-30	<70	39
-	40503	5.0	3.8	-	7.8/12.5	300	50	-31	<70	43
-	40553	5.5	4.0	-	8.2/14.7	400	55	32	<70	54

DIMENSIONS



MODEL		DIMENSIONS														
monophase	triphas	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	O (mm)	P (mm)	R (mm)	S (mm)
40501	40503	248	248	88	208	235	275	145	130	120	83	158	40	40	10	3.0
40751	40753	268	272	95	208	235	275	150	140	133	83	158	40	40	10	3.0
40101	40103	287	306	114	224	255	302	178	153	150	83	158	40	40	10	3.0
40151	40153	335	338	118	275	305	328	182	175	163	95	130	45	50	12	3.5
40201	40203	335	340	118	275	305	345	190	215	163	140	190	50	60	12	3.5
40301	40303	385	390	130	290	305	369	212	220	190	140	190	50	60	12	3.5
-	40403	385	393	135	298	330	402	242	220	205	140	234	70	60	12	3.5
-	40503	405	416	135	319	330	410	252	220	205	140	234	85	62	12	3.5
-	40553	420	470	145	325	330	420	265	220	220	193	234	85	74	12	3.5

SpaPilot

- ENERGY TRACKER
- COST CONTROL
- PLANNER

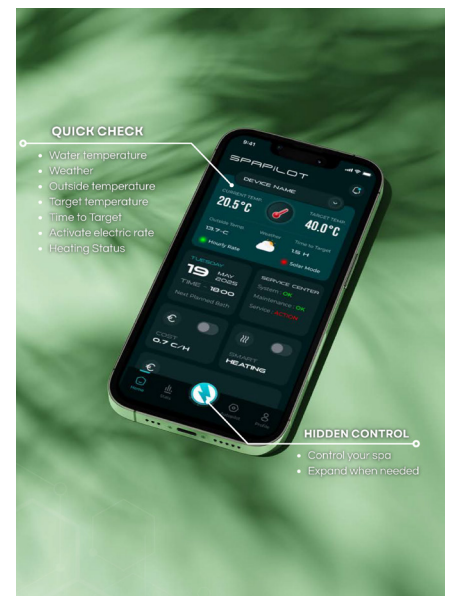


THE SMARTER WI-FI SOLUTION FOR YOUR SPA

SPA Control

With SpaPilot you have total control over your spa. The Spa Control feature allows you to manage and monitor all key functions directly from your smartphone, no matter where you are.

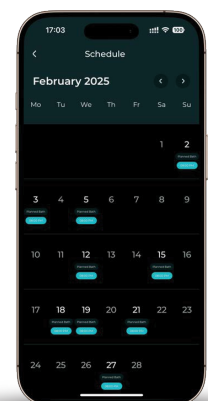
- **Remote Control:** Adjust temperature, start pumps, and other settings via the app – perfect for preparing your spa before you get home.
- **User-Friendly App:** A simple and intuitive design makes it easy to manage your spa without any technical knowledge.
- **Always Connected:** With Wi-Fi connectivity, your spa is always accessible for real-time control and updates.



Planner

With SpaPilot, planning your spa usage has never been easier. Our intuitive Planner feature allows you to schedule heating and operations directly in the app, ensuring your spa is always ready when you are – without wasting energy.

- **Flexible Scheduling:** Adjust heating to fit your lifestyle and avoid warming the spa when it's not in use.
- **Easy Control:** Set specific times and days for your spa to be ready, all with just a few clicks in the app.
- **Energy Efficient:** Smart planning helps reduce both energy consumption and costs.

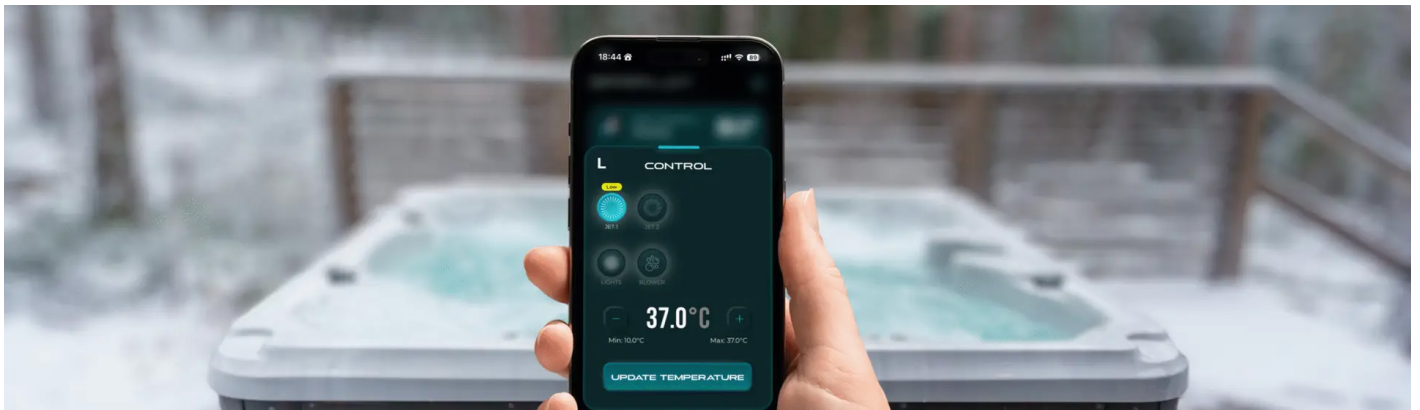
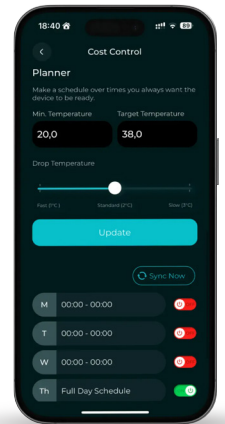


Cost Control

With Spapilot, you gain full control over your spa expenses. The system helps you optimize energy consumption and reduce unnecessary costs, while making your spa experience smarter and more sustainable.

- **Energy Savings:** Spapilot can reduce heating costs by up to 80%.
- **Smart Management:** Easily adjust settings and schedule heating through the app, ensuring your spa is ready when you are.
- **Real-Time Insights:** Get a overview of your energy consumption and costs directly in the app.

Spapilot is the solution for anyone who wants to enjoy their spa without worrying about unexpected energy bills. Smart, simple, and efficient – that's SpaPilot.



Always Up-to-date

SpaPilot is built to evolve with you. Thanks to Over-the-Air (OTA) updates, your system always stays ahead with the latest features, performance improvements, and security enhancements – no need for manual updates or complicated processes.

- **Seamless Updates:** OTA updates ensure your SpaPilot hardware stays current, while app updates are conveniently delivered through app marketplaces.
- **Future-Proof Technology:** Our hardware is designed to adapt and grow, ensuring compatibility with future innovations and features.
- **Enhanced Security:** Regular updates improve system security, giving you peace of mind while controlling your spa remotely.

With SpaPilot, you're not just buying a product – you're investing in a system that gets smarter, more efficient, and more capable over time.



System Compatibility:

- Balboa BP -Series • Gecko YE -Series
- SpaPilot is designed to be easy to install and works with most standard spa and pool systems.

Easy water analysis

Say goodbye to complicated water testing and confusing setups. Easy Water Analysis 2.0 makes hot tub and pool care beautifully simple. Just install the smart inline sensor-no extra adapters or tricky steps needed.

Let E.W.A. 2.0 handle the monitoring for you, with real-time, accurate readings and instant notifications sent straight to your phone.

It's that simple:

Check your water quality instantly with a glance at your phone-anytime, anywhere. Get step-by-step recommendations and instant alerts when action is needed. Enjoy more spa time and less time worrying about maintenance.

What's new?

Effortless Bluetooth setup-no magnets or manual triggers. Powerful, precise readings thanks to advanced noise isolation and improved sensor design. Simple LED indicator for instant status updates. Modern app experience with live data, push notifications, and easy access to support.

Perfect water shouldn't be complicated. With Easy Water Analysis 2.0, it isn't just smarter, safer, and more reliable than ever.



How E.W.A. Makes Your Life Simpler

Your smart inline sensor continuously monitors the four essentials for perfect water-so you don't have to.

pH Levels - for balanced, gentle water

Enjoy water that's kind to your skin and eyes, while ensuring your chemicals work exactly as they should.

Sanitizer Levels - for crystal clear, safe results

Rest easy knowing your water is always clean and bacteria-free, for a healthy and fresh bathing experience.

Conductivity - see what's really in your water

Instantly view total dissolved substances, so you can spot changes early and keep your water in peak condition. (Released later)

Temperature - always in your comfort zone

Check the exact water temperature at any time, so your spa or pool is always ready and perfectly warm for relaxation.

With Easy Water Analysis 2.0, you get peace of mind and more time to enjoy your spa -while the technology takes care of the details.



- **Why E.W.A.?**

Imagine always stepping into sparkling, safe water -never second-guessing your chemical levels or struggling with complicated testing.

Easy Water Analysis 2.0 makes it possible.

- **Continuous, precise water monitoring 24/7**

The new inline sensor is installed directly in your plumbing for stable, accurate readings -free from surface interference.

- **Instant alerts and recommendations, right on your phone**

Thanks to BLE-enabled setup and push notifications, you always know when action is needed -no magnets, no manual triggers, just seamless updates.

- **Optimized chemical use for less waste and lower costs**

Advanced data accuracy and real-time analysis help you use just the right amount of chemicals, saving you money and reducing your environmental impact.

- **Protects your spa equipment**

Clean, balanced water means less wear and tear -so your spa or pool stays in top shape, season after season.

- **Reduces your environmental footprint**

Smarter monitoring means fewer chemicals, less water wasted, and a greener way to enjoy your spa.

- **Plug & Play power and installation**

The built-in voltage converter and ground loop isolator mean safe, easy installation-no extra adapters or electrical worries.

- **Modern, intuitive app experience**

The new Flutter-based app for iOS and Android makes setup, live monitoring, and getting support easier than ever -with push notifications, maintenance alerts, and direct links to FAQs and spare parts.

- **Simple LED status indicator**

Instantly see if everything's running smoothly or if attention is needed, at a glance.



Smart Features, Simply Delivered

- **No monthly fee -**

Enjoy all advanced features and updates without any subscription costs.

- **No monthly cartridge replacements -**

Our durable, high-quality sensors are built to last, so you save time and money.

- **Works with all spa and pool brands -**

Universal compatibility, now with refined inline sensor for stable, accurate readings in any system.

- **Fixed installation -**

nothing floating in the water - The new inline design installs directly in your plumbing for continuous, reliable monitoring-no floating devices, no clutter.

- **All features and data included in the app -**

Access real-time water quality, instant alerts, step-by-step guidance, and support directly from the newly redesigned app for iOS and Android.

- **Effortless Bluetooth setup -**

Configure your device quickly and securely via Bluetooth (BLE) from your smartphone-no magnets or manual triggers needed.

- **Plug & Play installation -**

Integrated voltage reduction and electrical noise isolation ensure safe, simple installation with any power source.

- **Instant LED status indicator -**

See at a glance if everything's running smoothly or if action is needed.

All the smart features you want-delivered simply, reliably, and with zero hassle.

Dehumidifiers

The dehumidifiers of the P and WP series have been developed for use in premises with high humidity where a pleasant appearance is required.

The most well-known application is swimming pools therefore generically this series is called for swimming pool. However P and WP level taking into account aesthetic appearance. These are residential houses, laundries, museums, fitness industry, libraries etc.

The P Series are dehumidifiers in a plastic case that installed on the floor.

WP Series (wall) is a beautiful metal case that can be installed on the floor or hung on the wall indoors to save space and design.

All models can drain condensate into the drainage or back into the pool. The 1700P models has an integrated tank with electric pump for condensate automatic drain.



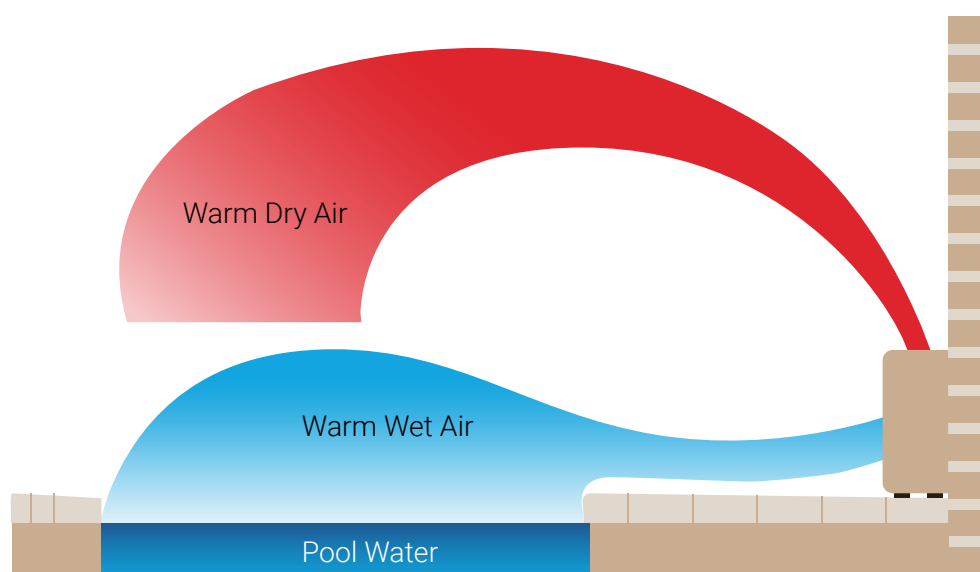
WP- Series



P- Series

Specification Sheet

MODEL	1200P	1700P	600WP	1000WP	1700WP	2000WP
Maximum capacity, L / Day (30C, 80%)	108	168	60	100	170	200
Maximum capacity, L / Day (20C, 60%)	45,6	62	21,6	32,9	54,1	65,5
Supply airflow, m3/h	850	850	300	500	850	1100
Operating range, °C	+5 ...+32	+5 ...+32	+5 ...+38	+5 ...+38	+5 ...+38	+5 ...+38
Remote control	-	-	+	+	+	+
Power, W	1300	1628	760	1250	1610	2100
Current, A	5,8	7,4	3,4	5,5	6,8	9,3
Voltage	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Noise level, dB	48	48	< 46	< 48	< 46	< 48
Refrigerant	R410A*850g	R410A*1000g	R32*280g	R32*500g	R32*780g	R32*900g
Size in wooden packaging, mm (depth * width * height)	370*565*1930	470*565*1930	350*840*800	350*990*800	380*1470*800	380*1470*800
Size without packaging, mm (depth * width * height)	310*485*1735	410*485*1735	270*760*695	270*900*695	270*1410*695	270*1410*695
Weight with wooden packaging, kg	64	80	56,5	69	100	105
Net weight, kg	49	67	45	50	75	80



Enjoy water rhythm!

ARCHITECTURAL FOUNTAINS EQUIPMENT MANUFACTURERS

Safe-Rain S. L. was founded in 1977 and dedicated its early years to manufacture irrigation equipment, shortly after, in 1982, started its activity in the architectural fountains area. Today, we **design, manufacture and market architectural fountains equipment, exporting our products to all 5 continents.**

We offer a **wide range of products and services**, adapted to a constantly evolving industry, our R + D + i is always open to new goals. Currently, we have 4.200m² facilities, including factory, offices and large testing area where we check the quality of our products. Our premise is to adapt to your needs, and therefore, we do all that can go.

from simple adaptations of standard products, to a full product development. We want to connect, as closely as possible, with the needs of our customers and for that, we strongly emphasize the work of technical advice, **supporting our customers with our expertise to realize the projects and facilities where they compete**, a marketing help that certainly our customers worldwide, appreciate.

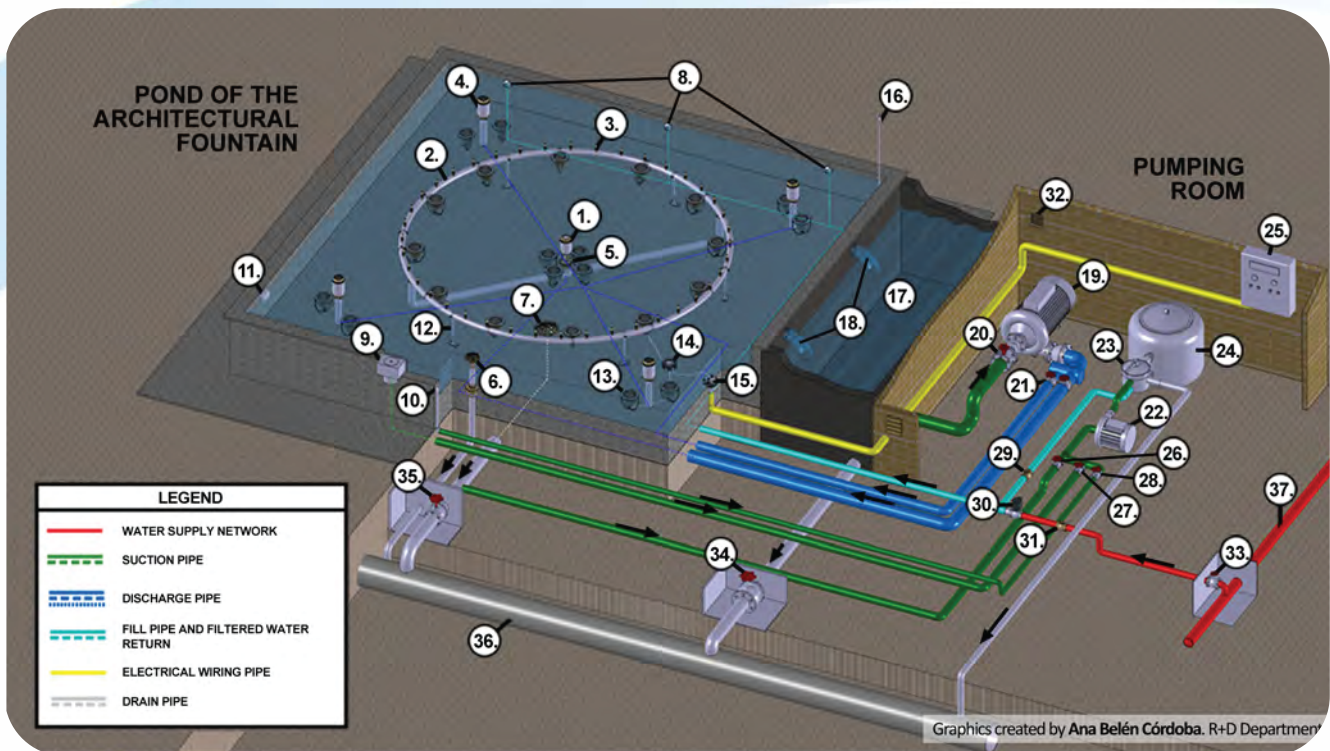



Calle Cobre nº 6 - 45520. Villaluenga de la Sagra (Toledo) - SPAIN.

Many of our customers are facing for the first time this type of facility, and others look for new ways to solve the technical requirements of their projects. The main issue is to be **spectacular, optimizing spending**. For this, we advise our customers and have all the necessary accessories to provide the available solutions.

Technical and environmental factors, make each project a challenge. That is why, **we offer you our team of specialist engineers** that will guide you throughout the whole process. Design, survey and construction. From the size of the basin and piping, to the prescription and sale of accessories: lighting, water pumps, valves, anemometers, level controllers, control panels...

ARCHITECTURAL FOUNTAIN EQUIPMENT



- | | | | |
|---|---|---------------------------------------|--|
|  | 8. DIRECTIONAL AND FILLER NOZZLES | 18. WATER INLET OF THE AUXILIARY TANK | 28. BOTTOM CLEANING VALVE |
| 1. GEYSER NOZZLE | 9. SKIMMER | 19. ELECTRIC PUMP | 29. CHECK VALVE IN THE FILTERED WATER |
| 2. COLLECTOR RING | 10. SUCTION NOZZLE FOR CLEANING BASES | 20. GATE VALVE | 30. ELECTRICALLY OPERATED VALVE |
| 3. LANCE JET NOZZLES | 11. LEVEL SENSOR FOR REFILLING THE FOUNTAIN | 21. GATE VALVE | 31. CHECK VALVE AT THE FILLING INLET |
| 4. FOAM JET TYPE NOZZLE | 12. COLLECTOR SUPPORT FEET | 22. ELECTRIC PUMP | 32. VENTILATION GRATES |
| 5. BALL TYPE ARTICULATED JOINT | 13. IP-68 UNDERWATER LIGHTS WITH LED BULBS | 23. PURIFICATION UNIT SELECTION VALVE | 33. SUPPLY VALVE |
| 6. OVERFLOW | 14. IP-68 UNDERWATER JUNCTION BOXES | 24. SILEX SAND TANK | 34. AUXILIARY TANK DRAINAGE VALVE |
| 7. BOTTOM WATER INTAKE | 15. IP-68 WALL BUSHING | 25. CONTROL PANEL FOR THE FOUNTAIN | 35. ARCHITECTURAL WATER FEATURE DRAINAGE VALVE |
| | 16. ANEMOMETER | 26. BOTTOM OUTLET VALVE | 36. GENERAL WASTE WATER PIPES |
| | 17. AUXILIARY TANK | 27. SKIMMER VALVE | 37. PUBLIC SUPPLY NETWORK |

WATER SHOW

Dancing fountain

Digital curtain

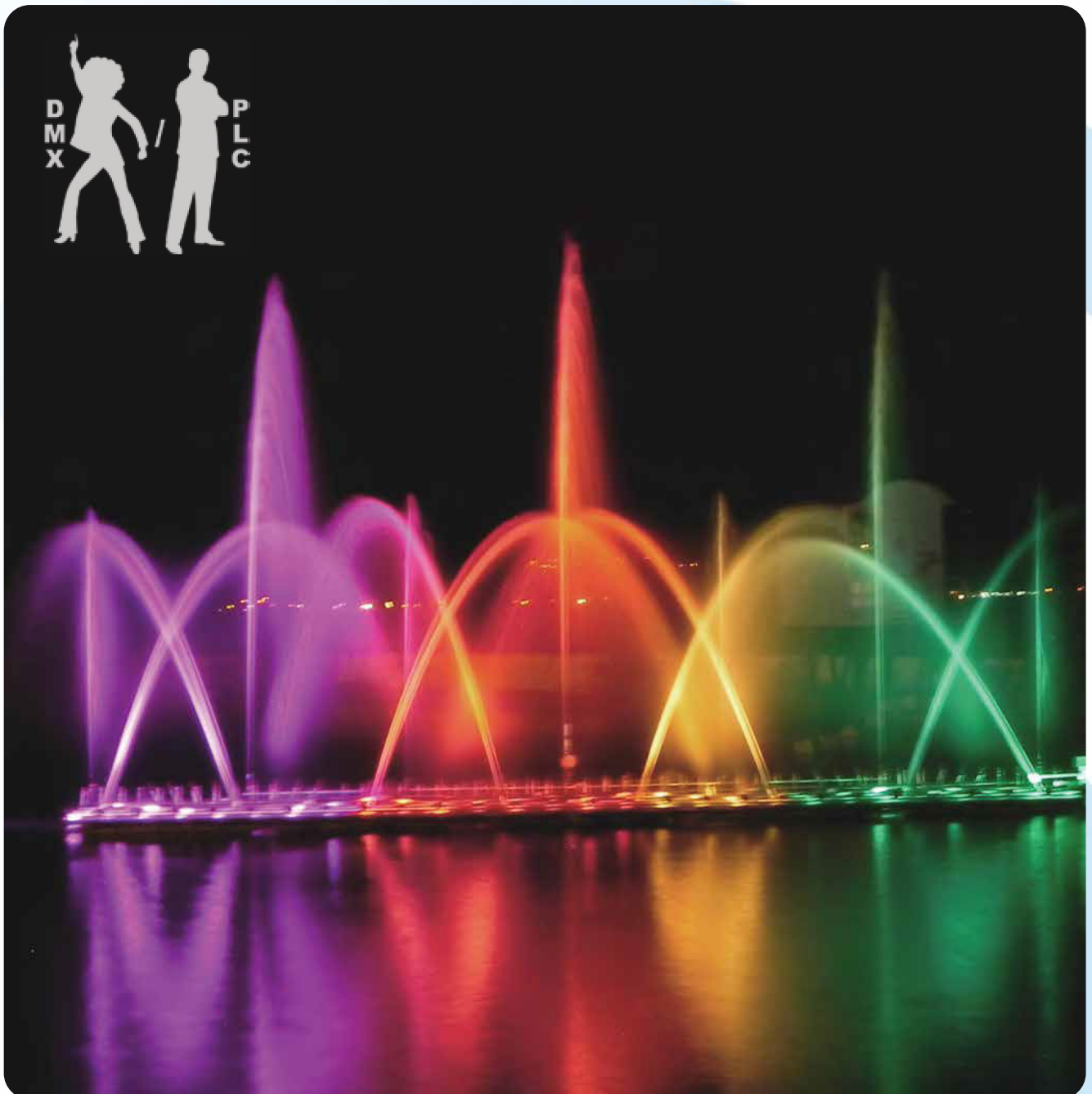
3D Fountain animation



Get an impressive water show thanks to the products you will find in this section. they combine water, light sound and technology to provide the viewer a water entertainment show that will never leave anybody unmoved. Starting with the dancing fountains where water dances to the music beat, thanks to PLC or DMX technologies incorporated in our Control Panels, and ending with digital water curtains that thanks to its different geometrical shapes can print all sorts of symbols. All these products are specifically designed by safe-rain and incorporate the latest water entertainment technologies to empower your water show.

Dancing Fountains

Get spectacular water effects into your **musical or dancing fountains DMX or PLC technology** control panels. Our **DMX control panels** integrate a PC, software and the DMX technology needed to make the water dance to the beat of the music. For those projects where dynamism in the water is required but there is no music, we recommend using our **PLC technology control panels**



DMX Control panels

The musical fountain show **make water dance to the beat of the music** and are currently one of the most demanded shows around the world. This type of **water entertainment technologies** are based on the **DMX technology integrated into the Control Panel that rules the whole show**. These control panels are designed by Safe-Rain expressly for the needs of your dancing fountain, and contain a **touchscreen PC, DMX software and electronics** to make water dance to the beat of the music.



- They include **computer technology and DMX** necessary to be able to install **amusical fountain**.
- **Software** allows you to program dancing water. **Set the synchronization between water displays, lighting and musical choreography.**
- If desired, the **Control Panel can be delivered programmed** and ready to run the aquatic choreography you've defined in your **dancing fountain**.
- For any project your **show can be modified** (water features, light and music) **as many times as desired**, in a simple and intuitive way.
- There is the option of **programming remotely** through an internet secure connection.
- This water entertainment technology allows communication between the software and the equipment, by a single cable, **greatly reducing the wiring inside the basin of the dancing fountain.**
- **Control of all the elements of the musical fountain**, either individually or in sets, thanks to the DMX protocol.

PLC Control panels



When we talk about interactive fountain that do not include music , usually the best option is to use PLC (Programmable Logic Controller) technology Control Panels with except of large projects where we recommend the DMX technology that is easily configurable.



BESPOKE
A MEDIDA

TECHNICAL FEATURES

- Recommended for **dancing water fountain projects with low or medium complexity that do not incorporate musical choreography.**
- **The Control Panel is delivered programmed** with the water displays that you've defined in your dancing fountain.
- Incorporates PLC technology, with **maximum reliability and stability of operation.**
- **Simplicity of the Panel wiring.**
- **Cheaper than DMX technology** for not too complex fountain projects.
- You can change the programming of the water displays thanks to the PLC software.

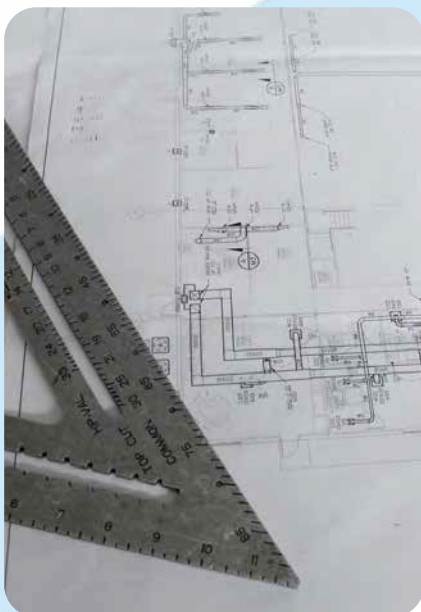
3D Fountain animation

Is there a better way to sell a dancing fountain, that watching it running before installing it?

In SafeRain we believe that it doesn't, that is why we offer this exclusive service for our Customers and Partners worldwide. We just need you to provide us all the relevant information about your project and we'll do the whole 3d fountain animation.



WHAT DO WE NEED TO MAKE A FOUNTAIN ANIMATION?/



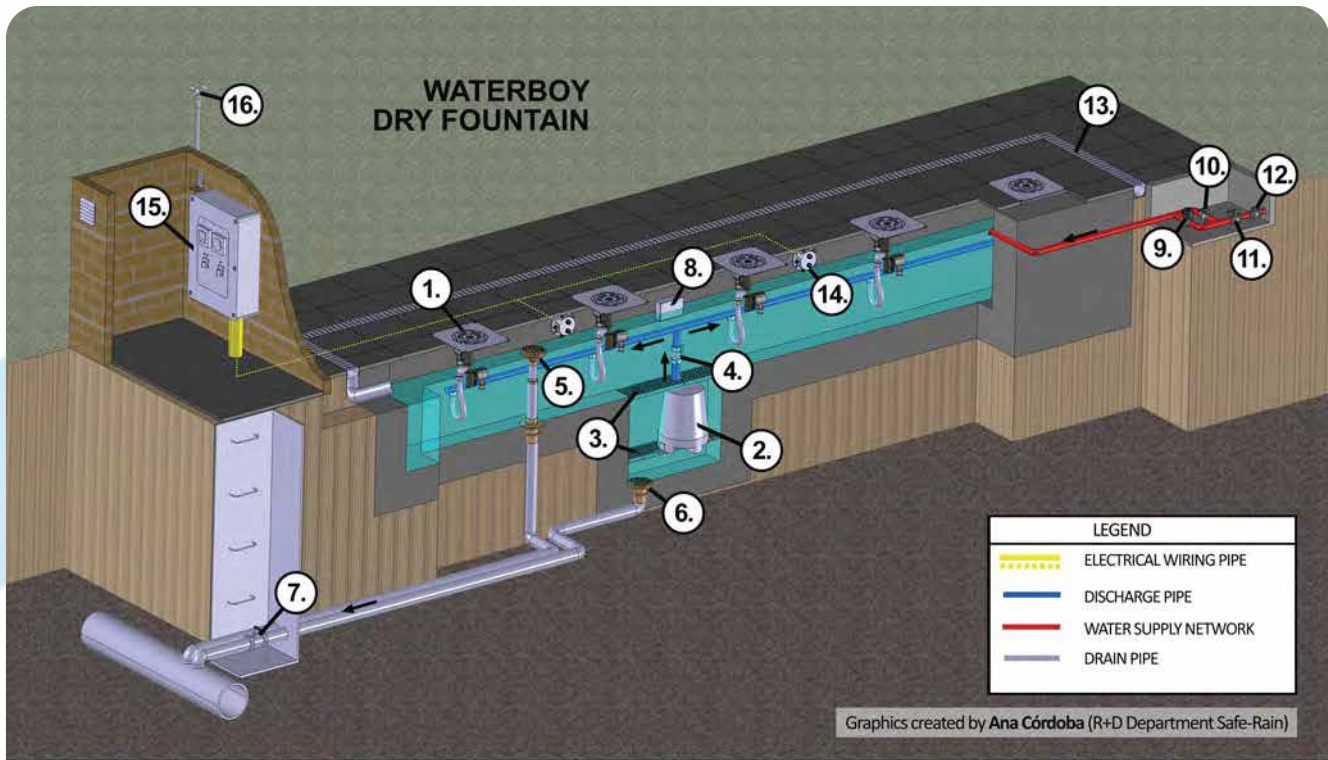
- Shape and dimensions of the architectural fountain basin.
- Number of nozzles, type, location, orientation and dimensions of the jets.
- Number of solenoids and frequency converters, also their location.
- Optionally, photos of the environment where the architectural fountain will be placed.
- For a musical fountain project, we will need the song for the 3D fountain animation, and should never exceed 2 mins.


DRY DECK FOUNTAINS



The Waterboy dry fountain kits are **easy to install** and **adapt to a wide range of designs for this type of installation**. They are found in public squares and shopping centers, since they provide playful water displays in a minimum of space, while the dry fountain is running, yet allow for a dry walking environment when the fountain is turned off. The Waterboy is a kit made of stainless steel and **especially designed to be installed in pavement and resist vandalism**, since its grid is durable and shock-resistant, protecting the kit.

DRY DECK FOUNTAIN EQUIPMENT



- | | | | |
|---|-------------------------------|--|--|
|  | 3. GRID OR MESH | 8. LEVEL PROBE FOR FILLING | 13. PERIMETER CANAL WITH GRID |
| | 4. PUMP FLOW REGULATION VALVE | 9. SOLENOID FOR FILLING | 14. IP68 BUSHING |
| | 5. OVERFLOW | 10. MANUAL FILLING VALVE | 15. ELECTRICAL PANEL FOR THE WATERBOY AND PUMP |
| 1. WATERBOY | 6. BASE OUTLET | 11. SUPPLY VALVE | 16. ANEMOMETER |
| 2. WATER PUMP | 7. DRY FOUNTAIN DRAIN VALVE | 12. RETENTION VALVE IN THE FILLING INLET | |

Dry deck fountains are distinguished by having a hidden structure beneath our feet, which means that we can have an architectural fountain in the same space as a dry environment, when the fountain is not running. For this, we use a concrete conduit, a structure that contains the water for the proper operation of the architectural fountain. This water returns to the tank through a perimetral grid placed around it, and through the dry fountain kit, which includes a grid for returning and draining water to the tank. You must use a filtering and purification system for water maintenance.

LED SEA Ring/ Corona LED SEA

AISI 304 LED: **RGB DMX**

- LED RGB and White, 27W power (12-24V DC), Lens angle 10° and 30°, DMX Controllable
- LED RGB y Blanco, 27W de potencia (12-24V DC), Angulo de lente de 10° y 30°, Controlable DMX



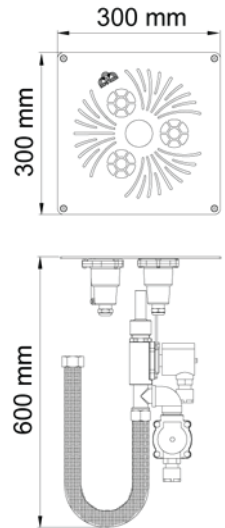
WATERBOY

A complete interactive fountain that is expressly designed for installations where children and adults can enjoy themselves among spectacular water changes, creating an atmosphere full of life.

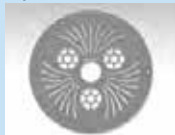
- A complete **easy-to-install interactive fountain set**.
- It **includes a nozzle**.
- We fit **three LED (White/ RGB) spotlights** lighting.
- Energy savings of 85% with LED technology.
- We fit a secondary underwater electric valve in addition to the main one in order to maintain constant pressure at all times.
- As an **option**, you can fit an **control panel to program the different interactive water features**.
- Exclusive Safe-Rain design.



Dimensions/



Optional



Round upper plate
Add "R" letter at the end
the reference



AISI 304

LED

RGB

White LED	F4201119		F4202111		F4209118	
RGB LED	F4201121		F4202122		F4209129	
Without lights	F4201132		F4202133		F4209131	
Nozzle	Lance jet/	G 1"	Lance jet G 1"		Crown of jets G 3/4"	
Water outlet (mm)	Ø12		Ø16		12 + 6 + 1	
Connection	G 1" F					
Material	Stainless steel - Brass					
Weight (kg)	10					
Height (m)	Q	P	Q	P	Q	P
	l/min	m.c.a	l/min	m.c.a	l/min	m.c.a
0,5	30	4,9	35	4,3	22	4,1
1,0	37	5,3	54	5,2	34	4,6
1,5	44	5,9	70	6,1	40	5,2
2,0	50	6,5	80	7,1	47,5	5,7

Waterboy PLUS

Dry fountain kit made of stainless steel and specifically designed by Safe-Rain to be installed in pavement. It includes an LED lighting system Controllable RGB or white, which creates attractive water and light displays for the viewer that are easily programmable and installable.



Brass

Stainless steel

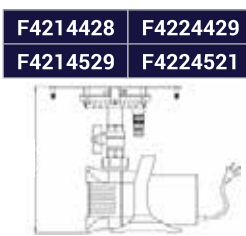
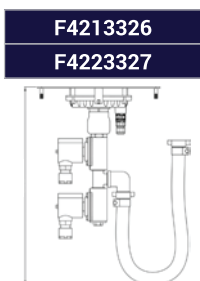
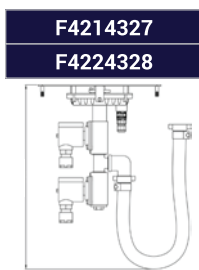
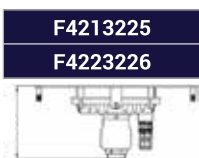
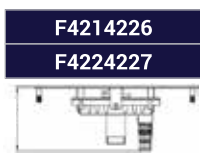
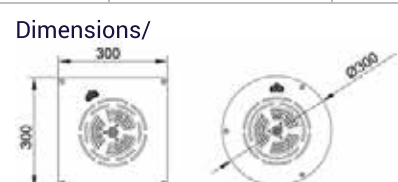
AISI 304 **LED** **RGB** **DMX** **PWM**

Dimensions								Performance										
Product name	Reference	LED	Nozzle	Outlet	Adjust. Angle	Connection	Weight (kg)	Height/ (m)	0,5	1,0	1,5	2,0	2,5	3,0				
Waterboy PLUS	F4214226	RGB	Multijet/	Equivalent/ Ø12	5°	1" M BSP/ NPT	4,5	Q	l/min	26	38	47	54	59	64			
	F4224227	White						P	m.c.a	0,9	1,8	2,5	3,5	4,3	5,2			
	F4213225	RGB	Snowy jet/	Ø24	-	1/2" M BSP/ NPT	4,5	Q	l/min	68	92	112	125					
	F4223226	White						P	m.c.a	3	5,5	8,1	10,8					
Waterboy PLUS + 2 Solenoid valves	F4214327	RGB	Multijet/	Equivalent/ Ø12	5°	1" F/H BSP/ NPT	8,5	Q	l/min	26	38	47	54	59	64			
	F4224328	White						P	m.c.a	1,6	3,7	5,2	6,8	8,4	10			
	F4213326	RGB	Snowy jet/	Ø24	-	1" F/H BSP/ NPT	8,5	Q	l/min	68	92	112	125					
	F4223327	White						P	m.c.a	4	7,4	10,8	14,1					
Waterboy PLUS +Under water pump	50Hz	F4214428	RGB	Multijet/	Equivalent/ Ø12	5°	-	11	Height/ (m)	Max 2,5								
		F4224429	White															
	60Hz	F4214529	RGB															
		F4224521	White/															

Electrical data						
LED Lighting			Solenoid Valves		Waterpump	
LED	Power	Voltage	Power	Voltage	Power	Voltage
RGB	17W	12/24V DC	20W	24V DC	220W	240V AC/ 50Hz
White	21W				250W	120V AC/ 60Hz

Optional

Round upper plate
Add "R" letter at the end of the reference



Control Software

the control of dry deck fountains is now possible thanks to the development of a new software that allows full control of the PLC (Programmable Logic Controller) without the need of having prior computer skills. Thanks to a 7" touch screen, the configuration of the dry fountain is as simple as adjusting all electronic parameters required so that the water features act as desired.



PRODUCT FEATURES

- Schedule a **maximum of 8 turning on and off daily**, both hydraulics and electrical.
- Define a **maximum of 10 sets or sequences of operation** of the dry fountain jets. It is also possible to associate the water features scheduled for different days of the week so that each day, chosen sets are performed automatically.
- Adjust the values of the variable speed drives to **define the height of the jets**. It is possible to define the transition time of the previous value of speed to the current (rampa).
- Define the water jets height based on wind speed (decreasing it if they are equipped with a frequency converter or turning them off).
- Verify individually the proper operation of each element connected to the panel in the installation phase.

FLOATING FOUNTAINS AND AERATORS

Professional Safe-Rain series

Safe-Rain series

Safe-Rain aerators

Domestic fountain

Select and Titan series



loating fountains and aerators are fountain kits that can be **easily installed in lakes or ponds, both artificial and natural**. . Safe-Rain sells a wide variety of models ranging from 1/2 hp. to 40 hp. providing its own range of manufactured products, and Titan, Select, and Evolution series by Aqua Control. In addition to its impressive effect on water, it is used for artificial lakes aeration. without sufficient circulation, a pond becomes stratified with warmer water on the surface and colder, oxygen-depleted water on the bottom, lack of oxygen increases the anaerobic. (with out oxygen) decomposition of the sludge at the bottom. This decomposition helps to develop nutrients in the pond, which, in turn, increases algae blooms.

Professional Safe-Rain Series

the professional safe-rain series of floating fountains take a step forward in the concept of easy installation complete floating fountain, we have developed strong system, reliable and versatile, prepared to achieve dynamism and can be easily converted into spectacular dynamic fountains.



PRODUCT FEATURES/

- Compact floating fountains ideal **for lakes and ponds.**
- Optimal solution for the best performance point of SAFERAIN nozzles.
- 15 different water spray patterns available.
- High performance **stainless steel pumps** with stable flow.
- 2,5mm stainless steel prefilter.
- **Simplicity and robustness** in design that ease installation and prevent maintenance problems.
- Single-phase and three-phase motors available between 0,75 and 2 HP.
- Optional integration with **Smart Fountain Manager**, allowing to incorporate dynamism to the fountain.
- Possibility of **integrating the appropriate lighting** for each combination.

Professional Safe-Rain Series floating fountains



Reference/	VOLGA/ VOLGA				
	Pump/		Voltage/ Tensión	Performance/	
	Power/ Potencia	hp		Height/ altura	Diam. Ø
W		V/Hz	A (m)	(m)	
F4421002	550	0,75	230/ 50	3,50	6,00
F4422003			3 x 400/ 50		
F4423004			*V/ 60 Hz		
F4424005			3x**V / 60 Hz		
F4431003	750	1,00	230/ 50	4,25	7,00
F4432004			3 x 400/ 50		
F4433005			*V/ 60 Hz		
F4434006			3x**V / 60 Hz		
F4451005	1100	1,50	230/ 50	4,50	8,00
F4452006			3 x 400/ 50		
F4453007			*V/ 60 Hz		
F4454008			3x**V / 60 Hz		

Reference/	DANUBE/ DANUBIO					
	Pump/		Voltage/ Tensión	Performance/		
	Power/ Potencia	hp		Height/ altura	Diam. Ø	
W		V/Hz	A (m)	B (m)	(m)	
F4421035	550	0,75	230/ 50	5,50	2,65	5,75
F4422036			3 x 400/ 50			
F4423037			*V/ 60 Hz			
F4424038			3x**V / 60 Hz			
F4431036	750	1,00	230/ 50	5,75	2,75	6,00
F4432037			3 x 400/ 50			
F4433038			*V/ 60 Hz			
F4434039			3x**V / 60 Hz			
F4451038	1100	1,50	230/ 50	6,00	4,00	6,20
F4452039			3 x 400/ 50			
F4453031			*V/ 60 Hz			
F4454032			3x**V / 60 Hz			



Reference/ Referencia	MISSISSIPPI/ MISISIPI					
	Pump/ Electrobomba		Voltage/ Tensión	Performance/ Rendimiento ***		
	Power/ Potencia	hp		Height/ altura	Diam. Ø	
W		V/Hz	A (m)	B (m)	(m)	
F4421046	550	0,75	230/ 50	2,75	1,10	6,00
F4422047			3 x 400/ 50			
F4423048			*V/ 60 Hz			
F4424049			3x**V / 60 Hz			
F4431047	750	1,00	230/ 50	3,00	1,20	6,50
F4432048			3 x 400/ 50			
F4433049			*V/ 60 Hz			
F4434041			3x**V / 60 Hz			
F4451049	1100	1,50	230/ 50	3,50	1,50	7,00
F4452041			3 x 400/ 50			
F4453042			*V/ 60 Hz			
F4454043			3x**V / 60 Hz			

Reference/	PALM TREE/ PALMERA				
	Pump/		Voltage/ Tensión	Performance/	
	Power/ Potencia	hp		Height/ altura	Diam. Ø
W		V/Hz	A (m)	(m)	
F4421057	550	0,75	230/ 50	3,00	5,00
F4422058			3 x 400/ 50		
F4423059			*V/ 60 Hz		
F4424051			3x**V / 60 Hz		
F4431058	750	1,00	230/ 50	3,25	5,50
F4432059			3 x 400/ 50		
F4433051			*V/ 60 Hz		
F4434052			3x**V / 60 Hz		
F4451051	1100	1,50	230/ 50	4,00	6,00
F4452052			3 x 400/ 50		
F4453053			*V/ 60 Hz		
F4454054			3x**V / 60 Hz		



*V/ 60 Hz Single phase voltages available 110V, 120V and 220V, to be selected when ordering
 3x**V / 60 Hz Three phase voltages available 3x220V, 3x380V, 3x440V to select when ordering

Professional Safe-Rain Series floating fountains/



THAMES/ TÁMESIS							
Reference/	Pump/		Voltage/ Tensión V/Hz	Performance/			Diam. Ø (m)
	Power/ Potencia W	hp		Height/ altura A (m) B (m) C (m)			
	F4421079	550	0,75	230/ 50	4,50	2,20	1,00
F4422071	3 x 400/ 50						
F4423072	*V/ 60 Hz						
F4424073	3x**V / 60 Hz						
F4431071	750	1,00	230/ 50	4,75	2,30	1,20	7,50
F4432072			3 x 400/ 50				
F4433073			*V/ 60 Hz				
F4434074			3x**V / 60 Hz				
F4451073	1100	1,50	230/ 50	6,00	2,20	1,50	7,50
F4452074			3 x 400/ 50				
F4453075			*V/ 60 Hz				
F4454076			3x**V / 60 Hz				

SEINE/ SENA						
Reference/	Pump/		Voltage/ Tensión V/Hz	Performance/		Diam. Ø (m)
	Power/ Potencia W	hp		Height/ altura A (m) B (m)		
	F4421081	550	0,75	230/ 50	4,75	1,85
F4422082	3 x 400/ 50					
F4423083	*V/ 60 Hz					
F4424084	3x**V / 60 Hz					
F4431082	750	1,00	230/ 50	5,00	2,00	13,00
F4432083			3 x 400/ 50			
F4433084			*V/ 60 Hz			
F4434085			3x**V / 60 Hz			
F4451084	1100	1,50	230/ 50	5,50	2,50	13,00
F4452085			3 x 400/ 50			
F4453086			*V/ 60 Hz			
F4454087			3x**V / 60 Hz			



WILLOW/ SAUCE					
Reference/	Pump/		Voltage/ Tensión V/Hz	Performance/	
	Power/ Potencia W	hp		Height/ altura A (m)	Diam. Ø (m)
	F4421114	550	0,75	230/ 50	6,00
F4422115	3 x 400/ 50				
F4423116	*V/ 60 Hz				
F4424117	3x**V / 60 Hz				
F4431115	750	1,00	230/ 50	3,25	5,00
F4432116			3 x 400/ 50		
F4433117			*V/ 60 Hz		
F4434118			3x**V / 60 Hz		
F4451117	1100	1,50	230/ 50	4,50	6,00
F4452118			3 x 400/ 50		
F4453119			*V/ 60 Hz		
F4454111			3x**V / 60 Hz		

CALIX/ CALIZ					
Reference/	Pump/		Voltage/ Tensión V/Hz	Performance/	
	Power/ Potencia W	hp		Height/ altura A (m)	Diam. Ø (m)
	F4421013	550	0,75	230/ 50	1,10
F4422014	3 x 400/ 50				
F4423015	*V/ 60 Hz				
F4424016	3x**V / 60 Hz				
F4431014	750	1,00	230/ 50	1,50	6,00
F4432015			3 x 400/ 50		
F4433016			*V/ 60 Hz		
F4434017			3x**V / 60 Hz		



*V/ 60 Hz Single phase voltages available 110V, 120V and 220V, to be selected when ordering
 3x V / 60 Hz Three phase voltages available 3x220V, 3x380V, 3x440V to select when ordering
 ***Go to the diagram at the end of the section

Professional Safe-Rain Series floating fountains/



THAMES/ TÁMESIS							
Reference/	Pump/		Voltage/ Tensión	Performance/			Diam. Ø
	Power/ Potencia		V/Hz	Height/ altura			
	W	hp		A (m)	B (m)	C (m)	
F4421079	550	0,75	230/ 50	4,50	2,20	1,00	6,00
F4422071			3 x 400/ 50				
F4423072			*V/ 60 Hz				
F4424073			3x**V / 60 Hz				
F4431071	750	1,00	230/ 50	4,75	2,30	1,20	7,50
F4432072			3 x 400/ 50				
F4433073			*V/ 60 Hz				
F4434074			3x**V / 60 Hz				
F4451073	1100	1,50	230/ 50	6,00	2,20	1,50	7,50
F4452074			3 x 400/ 50				
F4453075			*V/ 60 Hz				
F4454076			3x**V / 60 Hz				

SEINE/ SENA						
Reference/	Pump/		Voltage/ Tensión	Performance/		
	Power/ Potencia		V/Hz	Height/ altura		
	W	hp		A (m)	B (m)	Diam. Ø
F4421081	550	0,75	230/ 50	4,75	1,85	11,00
F4422082			3 x 400/ 50			
F4423083			*V/ 60 Hz			
F4424084			3x**V / 60 Hz			
F4431082	750	1,00	230/ 50	5,00	2,00	13,00
F4432083			3 x 400/ 50			
F4433084			*V/ 60 Hz			
F4434085			3x**V / 60 Hz			
F4451084	1100	1,50	230/ 50	5,50	2,50	13,00
F4452085			3 x 400/ 50			
F4453086			*V/ 60 Hz			
F4454087			3x**V / 60 Hz			



WILLOW/ SAUCE					
Reference/	Pump/		Voltage/ Tensión	Performance/	
	Power/ Potencia		V/Hz	Height/ altura	
	W	hp		A (m)	Diam. Ø
F4421114	550	0,75	230/ 50	6,00	7,00
F4422115			3 x 400/ 50		
F4423116			*V/ 60 Hz		
F4424117			3x**V / 60 Hz		
F4431115	750	1,00	230/ 50	3,25	5,00
F4432116			3 x 400/ 50		
F4433117			*V/ 60 Hz		
F4434118			3x**V / 60 Hz		
F4451117	1100	1,50	230/ 50	4,50	6,00
F4452118			3 x 400/ 50		
F4453119			*V/ 60 Hz		
F4454111			3x**V / 60 Hz		

CALIX/ CALIZ					
Reference/	Pump/		Voltage/ Tensión	Performance/	
	Power/ Potencia		V/Hz	Height/ altura	
	W	hp		A (m)	Diam. Ø
F4421013	550	0,75	230/ 50	1,10	3,50
F4422014			3 x 400/ 50		
F4423015			*V/ 60 Hz		
F4424016			3x**V / 60 Hz		
F4431014	750	1,00	230/ 50	1,50	6,00
F4432015			3 x 400/ 50		
F4433016			*V/ 60 Hz		
F4434017			3x**V / 60 Hz		



*V/ 60 Hz Single phase voltages available 110V, 120V and 220V, to be selected when ordering
 3x V / 60 Hz Three phase voltages available 3x220V, 3x380V, 3x440V to select when ordering
 ***Go to the diagram at the end of the section

Professional Safe-Rain Series floating fountains

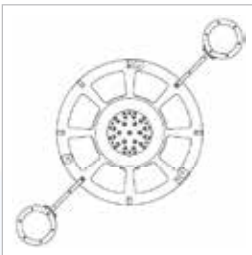


ROTARY DOUBLE FAN OF JETS					
Reference/	Pump/		Performance/		
	Power/ Potencia	Voltage/ Tensión	Height/ altura	Diam. Ø	
	W	hp	V/Hz	A (m)	(m)
F4461131	550W	0,75	230/ 50	4,50	9,00
F4462132			3 x 400/ 50		
F4463133			*V/ 60 Hz		
F4464134			3x**V / 60 Hz		

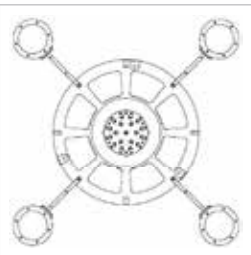
DANCING/ DANCING						
Reference/	Pump/		Performance/			
	Power/ Potencia	Voltage/ Tensión	Height/ altura		Diam. Ø	
	W	hp	V/Hz	A (m)	B (m)	(m)
F4451062	1100	1,50	230/ 50	7,50	5,50	7,00
F4452063			3 x 400/ 50			
F4453064			*V/ 60 Hz			
F4454065			3x**V / 60 Hz			



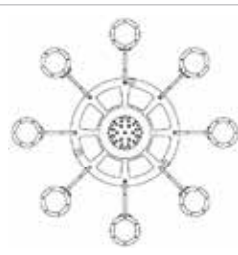
ILUMINATION/



Floating fountain with 2 spotlights/ Fuente flotante con 2 focos



Floating fountain with 4 spotlights/ Fuente flotante con 4 focos



Floating fountain with 8 spotlights/ Fuente flotante con 8 focos

F4501001 Spotlight support for Safe-Rain floating fountains/



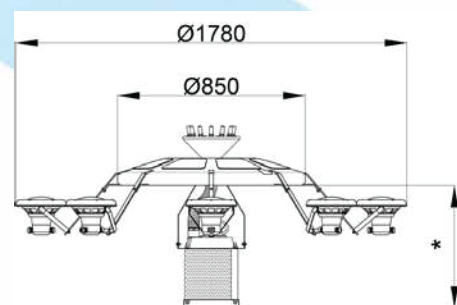
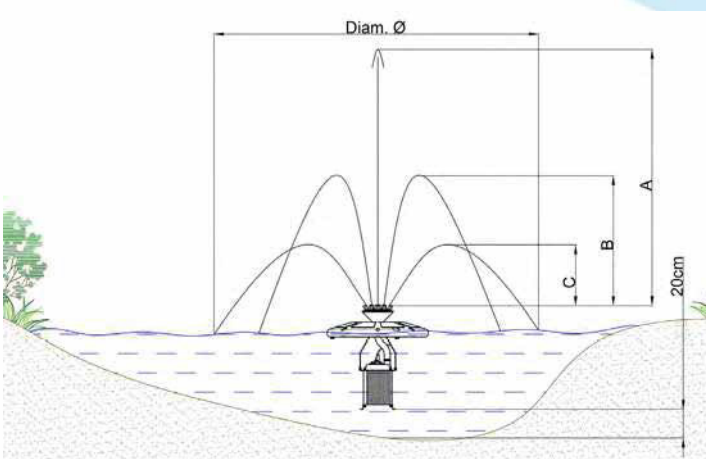
LED Lake

RGB or White
RGB o Blanco

PAR 56



DIMENSIONS/



550W	*557mm	1100W	*594mm
750W	*569mm	1500W	*614mm

CONTROL PANEL/

Request the suitable control panel for your Professional Floating Fountain/



Reference/ Referencia	Voltage/ Tensión	Illumination/ Iluminación	VFD
F63560XX	230V / 50Hz *V/ 60Hz	🟢	🔴
F63561XX	3 x 400/ 50Hz 3x**V/ 60 Hz	🟢	🟢

*V/ 60 Hz Single phase voltages available 110V, 120V and 220V, to be selected when ordering/
3x**V / 60 Hz Three phase voltages available 3x220V, 3x380V, 3x440V to select when ordering/

***Go to the diagram at the end of the section

Safe-Rain series

Safe-Rain floating fountains have been specifically designed for decorating swimming pools, ponds and lakes providing a perfect complement still, these kits incorporate a pump between 0.75 hp. - 1.34 hp. and with the addition of different nozzles can achieve different water features.




PRODUCT FEATURES



- **Easy to install.** These kits incorporate everything needed for proper operation.
- As easy as **plug and play**, and starts up.
- Depending on the model is provided with a **vertical pump with 0.75 hp. or horizontal with 1.34 hp.**
- **Only one person is needed to complete installation.**
- They can be installed in **pools and ponds with a minimum depth of 60 cm.**
- **Optionally**, can be provided with 2-4-6-8 PAR-56 lights or 2-4-6-8 LED RGB Lake lights.
- **Optionally**, we provide the protection and control panel.



Safe-Rain series floating fountains

VOLGA									
Reference	Pump			Control panel	Performance				Módulo aireación
	Motor		Voltage		Height A	Diameter	Flow		
	W	hp					V/ Hz	l.p.m	
F4500009	560	0,75	230/ 50	F6357104	3,00	5,00	330	19,8	
F4501203			120/ 60						





CALIX									
Reference	Pump			Control panel	Performance				Aeration module
	Motor		Voltage		Height A	Diameter	Flow		
	W	hp					V/ Hz	l.p.m	
F4500011	560	0,75	230/ 50	F6357104	1,50	6,00	430	25,8	
F4501012			120/ 60						
F4502013	1000	1,34	230/ 50	F6357104	2,00	7,50	540	32,4	
F4503014			120/ 60						





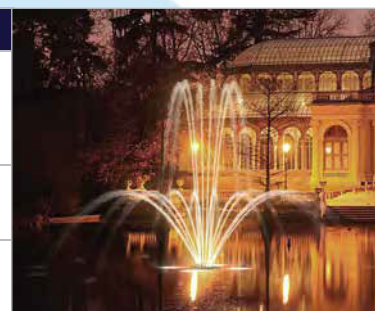
ARUM LILY									
Reference	Pump/			Control panel	Performance				Aeration module
	Motor		Voltage		Height A	Height B	Diameter	Flow	
	W	hp							





DANUBE										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Height B	Diameter	Flow		
	W	hp						V/ Hz		m
F4500033	560	0,75	230/ 50	F6357104	2,75	1,50	3,00	260	15,6	
F4501034			120/ 60							
F4502035	1000	1,34	230/ 50	F6357104	4,75	2,25	4,60	313	18,8	
F4503036			120/ 60							




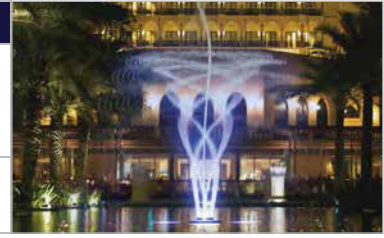
MISSISSIPPI MISISIPI										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Height B	Diameter	Flow		
	W	hp						V/ Hz		m
F4500044	560	0,75	230/ 50	F6357104	2,50	1,00	5,20	315	18,9	
F4501045			120/ 60							
F4502046	1000	1,34	230/ 50	F6357104	3,75	1,50	6,40	404	24,2	
F4503047			120/ 60							





PALM TREE									
Reference	Pump			Control panel	Performance				Aeration module
	Motor		Voltage		Height A	Diameter	Flow		
	W	hp					V/ Hz	m	
F4500055	560	0,75	230/ 50	F6357104	2,50	3,60	285	17,1	
F4501056			120/ 60						
F4502057	1000	1,34	230/ 50	F6357104	3,50	5,00	400	24	
F4503058			120/ 60						





DANCING										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Height B	Diameter	Flow		
	W	hp								V/ Hz
F4500066	560	0,75	230/ 50	F6357104	2,50	2,30	3,50	100	6,0	
F4501067			120/ 60							





THAMES											
Reference	Pump			Control panel	Performance				Aeration module		
	Motor		Voltage		Height A	Height B	Height C	Diameter		Flow	
	W	hp									V/ Hz
F4500077	560	0,75	230/ 50	F6357104	2,75	1,50	0,75	3,40	278	16,7	
F4501078			120/ 60								
F4502079	1000	1,34	230/ 50	F6357104	4,00	2,00	1,00	5,40	329	19,7	
F4503071			120/ 60								




SEINE/ SENA										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Height B	Diameter	Flow		
	W	hp								V/ Hz
F4500088	560	0,75	230/ 50	F6357104	3,25	1,25	5,20	227	13,6	
F4501089			120/ 60							
F4502081	1000	1,34	230/ 50	F6357104	4,50	1,75	8,40	269	16,1	
F4503082			120/ 60							





LANCE JET										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Diameter	Flow			
	W	hp						V/ Hz		m
F4500099	560	0,75	230/ 50	F6357104	3,50	1,00	264	15,8		
F4501091			120/ 60							F6357205
F4502092	1000	1,34	230/ 50	F6357104	4,75	1,30	300	18,0		
F4503093			120/ 60							F6357205



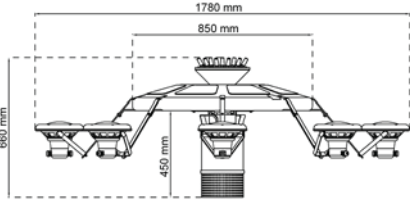
EUPHRATES/ EUFRATES										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Diameter	Flow			
	W	hp						V/ Hz		m
F4500101	560	0,75	230/ 50	F6357104	0,50	1,60	560	33,6		
F4501102			120/ 60							F6357205



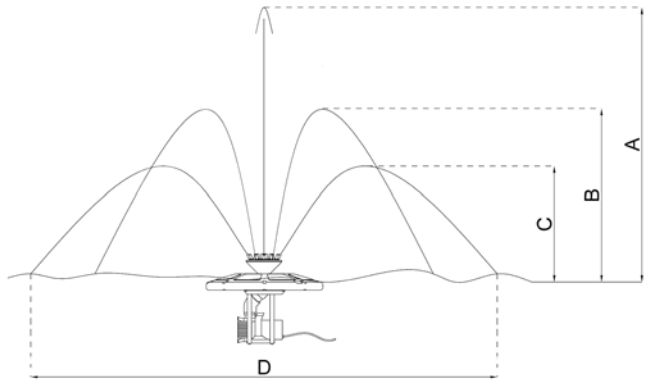
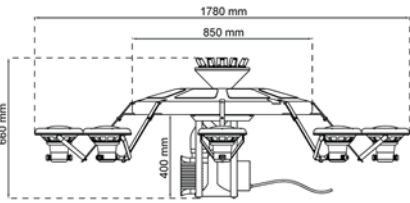
WILLOW/ SAUCE										
Reference	Pump			Control panel	Performance				Aeration module	
	Motor		Voltage		Height A	Diameter	Flow			
	W	hp						V/ Hz		m
F4500112	560	0,75	230/ 50	F6357104	2,50	3,30	275	16,5		
F4501113			120/ 60							F6357205
F4502114	1000	1,34	230/ 50	F6357104	3,50	4,00	325	19,0		
F4503115			120/ 60							F6357205



Vertical pump
560 W, 0,75 hp.

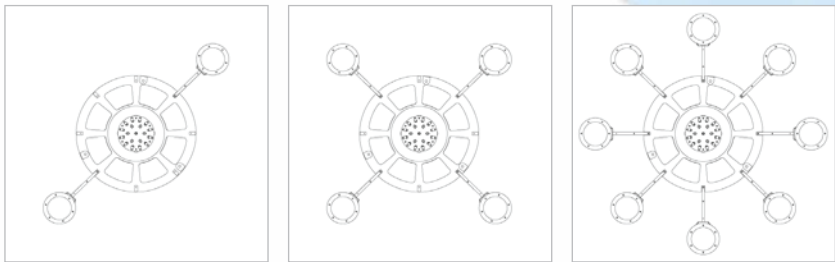


Horizontal pump
1000 W, 1,34 hp.



FLOATING FOUNTAINS LIGHTING																		
Lighting	Voltage V/ Hz	Control panel	Lights type	PAR 56 Lights number	LAKE Lights number	VOLGA	CALIX	ARUM LILY	DANUBE	MISSISSIPPI	PALM TREE	DANCING	THAMES	SEINE	LANCE JET	EUPHRATES	WILLOW	
						LED	230/ 50	F6357115	RGB	8	-	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
4	-	Recommended	Recommended	Recommended	Recommended					Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	
White	8	-	Optimal	Optimal	Optimal				Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
	4	-	Recommended	Recommended	Recommended				Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
120/ 60	F6357216	RGB	8	-	Optimal		Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
			4	-	Recommended		Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended		
		White	8	-	Optimal		Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
			4	-	Recommended		Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	
230/ 50	F6357148	RGB	-	8	Optimal		Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
	F6357159	White	-	8	Optimal		Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
120/ 60	F6357249	RGB	-	8	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	
	F6357251	White	-	8	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	
Incandescent	230/ 50	F6357135	4		-	Optimal	Not available	Not available	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	
			2		-	Not available	Optimal	Optimal	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available		
	120/ 60					Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	

Optimal
 Recommended
 Not available



* Floating fountain with aeration max 6 spotlights

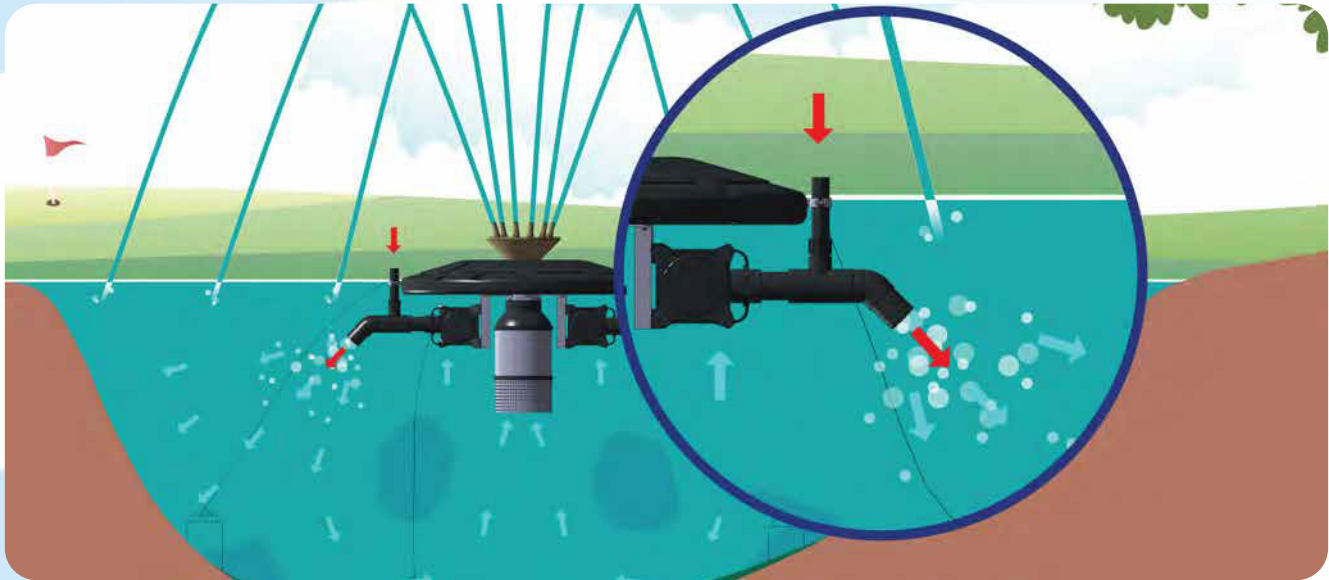
F4501001 Spotlights support for Safe-Rains floating fountains/

CONTROL PANEL



Safe-Rains floating fountains Control Panel/

Safe-Rain aerators and aeration modules



Thanks to water pond aeration system manufactured by Safe-Rain you could oxygenate the water if any lake facilitating biological cycles and ensuring the effectiveness of bacterial products that reduce nutrients and clarify water.

SUBMERGED AERATOR/ AIREADOR SUMERGIDO							
Reference/	Pumps number/	Pump/		Air flow/		O ₂ Flow/	
		Motor	Voltage	l/h	m ³ /h	l/h	m ³ /h
		W	V/Hz				
F4612408	2	130	230/ 50	10800	10,8	2268	2,3
F4612509	2	220	230/ 50	12000	12,0	2520	2,5
F4612601	2	420	230/ 50	14760	14,8	3096	3,1
F4612702	2	420	120/ 60	14760	14,8	3096	3,1
F4610801	1	500	230/ 50	17500	17,5	2100	2,1
F4610902	1	500	120/ 60	17500	17,5	2100	2,1



the submersible pond aerator is designed to meet the need of those who want to oxygenate water of a pond without the water jets included in a floating fountain.



SUBMERGED AERATOR MODULE							
Reference	Pumps numbers	Pump		Air flow		O ₂ Flow	
		Motor	Voltage	l/h	m ³ /h	l/h	m ³ /h
		W	V/Hz				
F4622409	2	2 x 130	230/ 50	10800	10,8	2268	2,3
F4622501	2	2 x 220	230/ 50	12000	12,0	2520	2,5
F4622602	2	2 x 420	230/ 50	14760	14,8	3096	3,1
F4622703	2	2 x 420	120/ 60	14760	14,8	3096	3,1
F4620802	1	500	230/ 50	17500	17,5	3675	3,7

* Safe-Rain floating fountains accessory module.

Pools floating fountain

Pool floating fountain is a set of water jets, nozzle crown with ring of 48 LED fountain lights and submersible pump. it is ideal for its simplicity and size, to install in ponds and swimming pool.



PRODUCT FEATURES

- Size of the Set: Ø 350mm x 190mm (h), cable length 10 mts.
- Height of jets: 1.016mm x Ø 762mm wide, adjustable height through the water pump.
- Brilliant Led lights, with auto-changing colour in red, green, blue and different possibilities, it does not need controller.
- Easy assembly and installation, just join the pump with the float system and leave over the water, connect the two cables directly at the plug and the system will work easily.



Chromed option

- Look for **CHROME** icon for articles that can be ordered chromed.



Interested in chrome nozzles? we have almost the entire range of nozzles in its chromed version.



Titan and Select Series

Select series ranging from 1 hp to 7.5 HP. such compacts are the cornerstone of all floating fountains, because they offer an impressive performance. Safe-Rain sells this pond fountains in Two different orientations to provide water intake at virtually any depth



- Vertical Orientation
- Horizontal Orientation



Titan fountains are between 7,5 HP and 40 HP and specially designed for lakes and have the motor and pump mounted horizontally. advantages include a simple installation that requires little or no adjustment. the water fountain can be operated in as little as 37 inches (1,2 meters) of water and can be lit with up to 20 submersible lights and a choice of up to six colors. the suction screen is cleaned from a boat and is easily removed without tools for complete cleaning.



VISIT OUR BLOG

• Why is important pond and lake earation?

FOUNTAIN NOZZLES

Crystalline jets

Frothy jets

Rotatory nozzles

Spray features

Spherical shapes

Bespoke nozzles



nozzles are an important part of our catalogue and the colorful part of any water show or architectural fountain. they are a key element in any project, as not only effect the final effect, but also water and energy consumption.

in Safe-Rain we haced sorted out nozzles depending on the type of water jet produced to make it easier to get an idea of the final result. crystalline jets, frothy jets, rotatory nozzles, spray features, spherical shapes and bespoke nozzles also called distribution boxes. our range of nozzles is constantly evolving, so we recommend you to visit the website in order to access an update catalogue.

Crystalline fountain jets

- Lance Jet I
- Lance Jet I stainless steel
- Lance jet adjustable
- Lance Jet II
- Lance Jet III
- Hollow jet
- Palm Tree jet
- Willow Palm tree
- Willow
- Fan of jets
- Laminar fan
- Crown of jets
- Special crowns with fixed jets
- Special crowns
- Calix jet
- Arum lily jet
- Mushroom jet
- Compact crystal jet
- Compact rainbow jet



These fountain nozzles produce a crystalline feature effect in the fountain jets and ensure that its flow inside the jet pipe is laminar. In order to prevent turbulence, all nozzles in the series are fitted with jet disturbers to claim the water flow. The aim is to ensure that the water jet is transparent which means there must be no air inside it. The most representative jet produced by this jet pipe is the crystal clear jet.

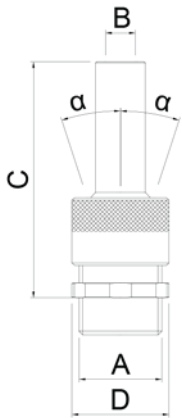
Lance Jet I

This serie is the most widely used in the world of water feature fountains. they are also fitted with one or two inner jet cut-offs that ensure the optimal quality of the water jet up to the height shown on the technical data sheet they also have a smooth ball joint that can reach a maximum slope of 20°, therebt enabling parabolic jets to be designed with no additional parts.



CHROME **ON STOCK**

Brass



Accessory

Bubble level/

For nozzles between Ø4 and Ø19/

F2303807

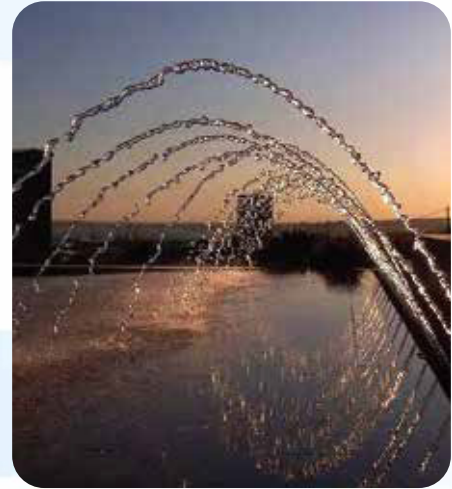


- Water appearance **Clear**
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Dimensions							Performance														
Reference	Connection A BSP-NPT	Outlet B	Length	Straighteners	Angle	Weight (kg)	Spray height	0,5	1,0	1,5	2,0	3,0	4,0	5,0	6,0	7,0	8,0	10,0	12,0		
F2313832	G 3/8" M	Ø4	45 x Ø20	1	18°	0,05	l/min	2,3	3,3	4,3											
							m.c.a	0,7	1,5	2,2											
F2313865	G 3/8" M	Ø6	45 x Ø20	1	18°	0,05	l/min	5,0	7,2	9,0	10,5										
							m.c.a	0,6	1,1	1,6	2,2										
F2311233	G 1/2" M	Ø8	65 x Ø23	1	12°	0,10	l/min	12,0	14,0	16,0	20,0	25,0	29,0								
							m.c.a	0,5	1,0	1,6	2,1	3,4	4,5								
F2311266	G 1/2" M	Ø10	65 x Ø23	1	12°	0,08	l/min	15,0	22,0	27,0	31,0	39,0	45,0								
							m.c.a	0,5	1,1	1,7	2,3	3,6	4,9								
F2311031	G 1" M	Ø12	96 x Ø39	2	18°	0,34	l/min	19,0	30,0	37,0	43,0	51,0	60,0	68,0	76,0						
							m.c.a	0,6	1,3	2,0	2,6	3,8	5,0	6,4	8,0						
F2311064	G 1" M	Ø14	96 x Ø39	2	18°	0,33	l/min	26,0	41,0	49,0	56,0	72,0	84,0	92,0	100,0	107,0	114,0				
							m.c.a	0,7	1,4	2,1	2,8	4,2	6,2	7,5	8,4	9,2	10,1				
F2311536	G 1 1/2" M	Ø16	142 x Ø55	2	20°	0,90	l/min	33,0	50,0	63,0	74,0	92,0	110,0	121,0	128,0	139,0	150,0	169,0			
							m.c.a	0,4	1,0	1,7	2,3	3,5	5,2	6,1	6,7	7,5	8,5	10,0			
F2311569	G 1 1/2" M	Ø19	142 x Ø55	2	20°	0,87	l/min	46,0	70,0	89,0	104,0	130,0	144,0	159,0	176,0	188,0	202,0	231,0	261,0		
							m.c.a	0,4	1,1	1,8	2,5	4,0	4,9	5,7	6,6	7,5	8,3	10,1	11,8		

Lance Jet I stainless steel

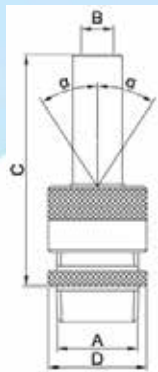
Serie that is 100% stainless steel AISI 304 made (AISI 316 optional) , with the maximum resistance to corrosion, oxidation and abrasion, is the most widely used in the world of water feature fountains, developed to set a new quality standard in the market. they are also fitted with one or two inner jet water straighteners that ensure the optimal quality of the water jet up to the height shown on the technical data sheet. they also have a smooth ball joint that can reach a maximum slope of 20°, thereby enabling parabolic jets to be designed with no additional parts.



AISI 304

ON STOCK

Stainless steel



Optional

AISI 316



Accessory

Bubble level

For nozzles between Ø4 and Ø19

F2303807



- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Dimensions							Performance								
Reference	Connection A BSP-NPT	Outlet B	Length	Straighteners	Angle	Weight (kg)	Spray height	0,5	1,0	1,5	2,0	3,0	4,0	5,0	6,0
F2353836	G 3/8" M	Ø4	45 x Ø20	1	18°	0,05	l/min	2,3	3,3	4,3					
							m.c.a	0,7	1,5	2,2					
F2353869	G 3/8" M	Ø6	45 x Ø20	1	18°	0,05	l/min	5,0	7,2	9,0	10,5				
							m.c.a	0,6	1,1	1,6	2,2				
F2351237	G 1/2" M	Ø8	65 x Ø23	1	12°	0,10	l/min	12,0	14,0	16,0	20,0	25,0	29,0		
							m.c.a	0,5	1,0	1,6	2,1	3,4	4,5		
F2351261	G 1/2" M	Ø10	65 x Ø23	1	12°	0,08	l/min	15,0	22,0	27,0	31,0	39,0	45,0		
							m.c.a	0,5	1,1	1,7	2,3	3,6	4,9		
F2351035	G 1" M	Ø12	96 x Ø39	2	18°	0,34	l/min	19,0	30,0	37,0	43,0	51,0	60,0	68,0	76,0
							m.c.a	0,6	1,3	2,0	2,6	3,8	5,0	6,4	8,0
F2351068	G 1" M	Ø14	96 x Ø39	2	18°	0,33	l/min	26,0	41,0	49,0	56,0	72,0	84,0	92,0	100,0
							m.c.a	0,7	1,4	2,1	2,8	4,2	6,2	7,5	8,4
F2351531	G 1 1/2" M	Ø16	142 x Ø55	2	20°	0,90	l/min	33,0	50,0	63,0	74,0	92,0	110,0	121,0	128,0
							m.c.a	0,4	1,0	1,7	2,3	3,5	5,2	6,1	6,7
F2351564	G 1 1/2" M	Ø19	142 x Ø55	2	20°	0,87	l/min	46,0	70,0	89,0	104,0	130,0	144,0	159,0	176,0
							m.c.a	0,4	1,1	1,8	2,5	4,0	4,9	5,7	6,6

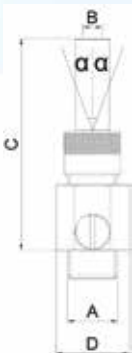
Lance jet adjustable flow

In this new series we have added to the most used nozzle the most common complement: a valve for regulating and adjusting the flow rate; we have achieved this without losing the functionality of the ball joint that allows tilting and thus achieve the parabolic shots without the need for additional pieces. this element has been developed with the least possible effect on the water regime, compact design, avoiding the use of a hand for regulation, which in most cases are manufactured in iron that must be removed from the fountain after adjustment for avoid the production of oxidations. this new series therefore shortens the installation time by reducing the numbers of parts needed while maintaining performance and utilities



- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Brass



Accessory

Bubble level

For nozzles between Ø4 and Ø19

F2303807



Dimensions							Performance								
Reference	Connection A BSP-NPT	Outlet B	Length	Straighteners	Angle	Weight (kg)	Spray height	0,5	1	1,5	2	3	4	5	6
F2303831	G 3/8" M	Ø4	50 x Ø22	1	18°	0,05	l/min	2,2	3,4	4,2					
							m.c.a	0,8	1,6	2,3					
F2303864	G 3/8" M	Ø6	50 x Ø22	1	18°	0,05	l/min	5,0	7,1	9,2					
							m.c.a	1,2	2,4	3,7					
F2301232	G 1/2" M	Ø8	88 x Ø30	2	12°	0,15	l/min	12	14	17	21	26			
							m.c.a	0,8	1,5	2,3	3,2	4,8			
F2301265	G 1/2" M	Ø10	88 x Ø30	2	12°	0,15	l/min	16	23	28	32	39			
							m.c.a	1,2	2,3	3,4	4,6	7,2			
F2301039	G 1" M	Ø12	130 x Ø44	2	18°	0,60	l/min	22	30	37	44	53	62	69	75
							m.c.a	0,8	1,5	2,4	3,3	4,8	6,4	7,8	9,1
F2301063	G 1" M	Ø14	130 x Ø44	2	18°	0,60	l/min	28	41	50	57	72	83	92	101
							m.c.a	1,1	2,1	3,1	4,1	6,3	8,2	10,2	12,2

Further information at www.saferain.com |

Lance Jet II

Nozzles serie suited to greater height in outdoor architectural fountains. they are cast in brass before being machined and fitted with a flange-ball joint, which is designed to correct the tilt of the actual installation rather than create parabolic water jets, since tilt levels of around 8 can be achieved. they are also fitted with jet locator or cut-off ensure a perfect water column.



CHROME

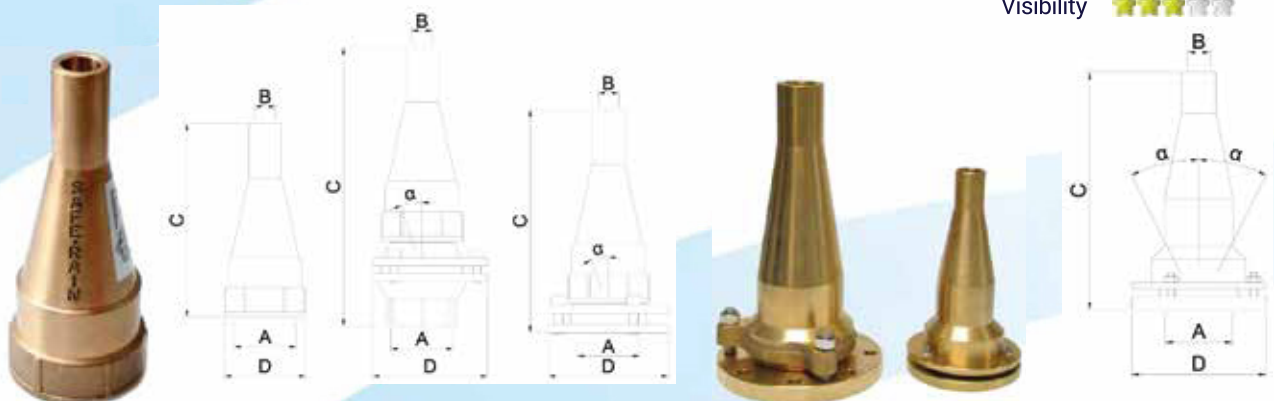
ONESTOCK

Brasstt

Straighteners/

Water appearance Clear
 Wind resistance ★★★★★
 Splash ★★★★★
 Sound level ★★★★★
 Visibility ★★★★★

(*)



Dimensions											Performance										
Reference	Integrated flange/	Without flange/	With balla joint/	With flange/	Connection A BSP	Adaptor BSP-NPT	B Outlet	Length/ Long. CxD	Angle (α)	Weight	Spray height	1	3	5	7	9	10	15	20		
											m.c.a	1,25	3,75	6,25	8,75	11,3	12,5	18,8	25,0		
F2322538					G 2 ½" F/	F7380257 2½" M-M	Ø25	256x Ø146	10°	5,20	l/min	147	248	310	370	420	440				
F2322562					G 2 ½" F/		Ø29	256x Ø146	10°	5,00	l/min	194	347	440	530	575	620	750			
F2323001 (*)					G 3" F/	F7380303 3" M-M	Ø25	230x Ø100	-	1,73	l/min	147	246	310	370	420	440				
F2323034 (*)					G 3" F/		Ø29	230x Ø100	-	1,72	l/min	194	347	440	530	575	620	750			
F2323056 (*)					G 3" F/		Ø25	272x Ø146	7°	3,93	l/min	147	246	310	370	420	440				
F2323067 (*)					G 3" F/		Ø29	272x Ø146	7°	3,92	l/min	194	347	440	530	575	620	750			
F2323012 (*)					G 3" F/		Ø25	355x Ø186	20°	6,38	l/min	147	246	310	370	420	440				
F2323045 (*)					G 3" F/		Ø29	355x Ø186	20°	6,37	l/min	194	347	440	530	575	620	750			
F2324035					DN 100		Ø38	370x Ø212	8°	14,5	l/min	235	535	673	797	903	952	1166	1347		
F2324068					DN 100		Ø44	370x Ø212	8°	13,5	l/min	444	770	993	1175	1333	1405	1721	1987		
F2326037					DN 150	Ø64	545x Ø297	9°	35,5	l/min	983	1702	2197	2600	2948	3108	3806	4395			
F2326061					DN 150	Ø76	545x Ø297	9°	32,8	l/min	1386	2400	3099	3666	4157	4382	5367	6197			

Lance Jet III

These fountain nozzles are similar to the two previous models in terms of their operating principle. its manufacture uses more economical materials and manufacturing technique than the previous two series. in this model, the brass body is replaced by an AISI 304 stainless steel casing. because the previous series have a smaller deflection cone at great heights, they perform better; however for the first three quarters of the water jet height, they both provide similar quality. they are supplied with an outer swivel joint or with no joint



- Water appearance Clear
- Wind resistance Wind resistance
- Splash Splash
- Sound level Sound level
- Visibility Visibility

Brass + Stainless steel

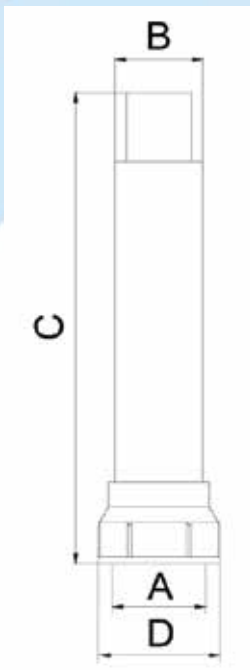
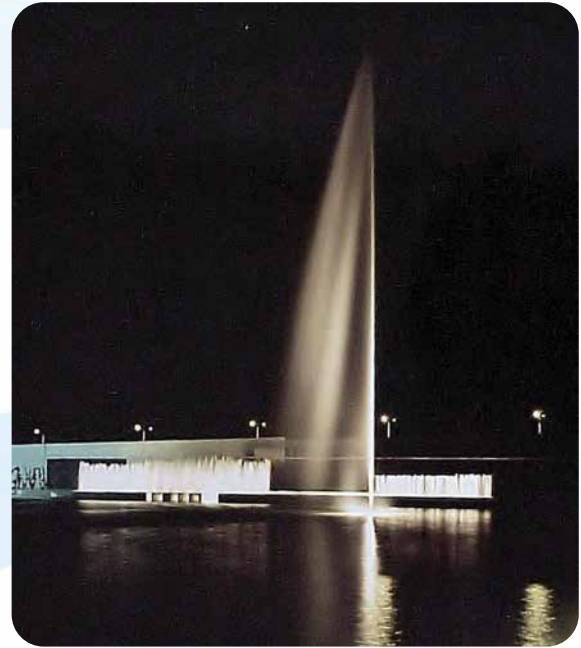
Straighteners

Dimensions							Performance												
Reference	With flange/	With ball joint	Connection A	B	Length CxD (mm)	Weight (kg)	Spray height	1	3	5	7	9	10	15	20	30	40	60	
F2342002			G 2"F/	Ø25	178,5xØ71	0,90	l/min	143	247	319	378	428	452	553					
F2342057					266xØ116	2,94	m.c.a	1,20	3,60	6,00	8,40	10,8	12,0	18,0					
F2342013			G 2"F/	Ø30	178,5xØ71	0,88	l/min	206	356	460	544	617	651	796	920				
F2342068					266xØ116	2,92	m.c.a	1,20	3,60	6,00	8,40	10,8	12,0	18,0	24,0				
F2343003					300xØ102	2,40	l/min	366	633	817	967	1097	1157	1416	1635	1990			
F2343036			G 3"F/	Ø40	355xØ146	4,60													
F2343058					420xØ163	7,05	m.c.a	1,20	3,60	6,00	8,40	10,8	12,0	18,0	24,0	36,0			
F2343014					300xØ102	2,30	l/min	527	912	1177	1393	1580	1665	2039	2355	2887	3330		
F2343047			G 3"F/	Ø48	355xØ146	4,50													
F2343069					420xØ163	6,95	m.c.a	1,20	3,60	6,00	8,40	10,8	12,0	18,0	24,0	36,0	48,0		
F2343025					360xØ102	3,30	l/min	1120	1940	2503	2962	3360	3542	4336	5008	6114	7082	8675	
F2343082			G 3"F/	Ø70	415xØ146	5,50													
F2343071					480xØ163	7,95	m.c.a	1,20	3,60	6,00	8,40	10,8	12,0	18,0	24,0	36,0	48,0	72,0	

Further information at www.saferain.com

Chorro Hueco

The hollow jet nozzle achieves the same performance as the lance jet nozzle III, but with considerable savings in flow and energy. The water jet, being hollow, requires less power in a pump than its equivalent in lance jets, which means significant energy saving in operation due to low power consumption of the pump.




- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Brass + Stainless steel

AISI 304

ON STOCK

 Straighteners

Dimensions/							Performance/									
Reference/	Connection/ A BSP	Outlet/ B (mm)	Length/ C x D (mm)	Suction filter/	Balljoint/ 	Weight/ (kg)	Spray height/ (m)	1	3	5	7	9	10	15	20	
F2333002	3" F/	Ø48	327 x Ø101	2		2,2	l/min	168	305	405	478	525	550			
							m.c.a	1,80	5,00	8,00	11,40	14,30	15,90			
F2333013	3" F/	Ø70	409 x Ø102	2		3,1	l/min	395	700	920	1120	1390	1510	1870		
							m.c.a	1,60	4,10	6,60	9,70	12,20	13,50	17,50		
F2335004	DN125	Ø125	701 x Ø247	2		15,2	l/min	1583	2333	3000	3667	4350	4700	5720	6060	
							m.c.a	1,70	4,50	7,60	11,00	14,00	15,60	20,30	21,80	

Más información en www.saferain.com

Palm Tree Jet

Simple fountain nozzle comprised of set of 4 mm water jets arranged in such a way that on rising they look like the trunk of palm tree and on falling like its leaves. the angle given to the jets means that, from wherever they are positioned, spectators can see the front and back jets cross over producing an esthetic effect of great beauty in the architectural fountain. the range is comprised of four sizes with 16, 20, 50 and 59 fountain jets.



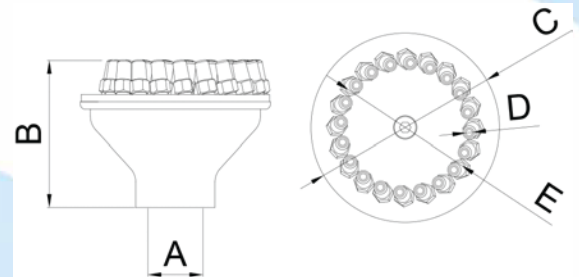
CHROME

ON STOCK

Brass

Straighteners/

- Water appearance Clear
- Wind resistance ☆☆☆☆
- Splash ☆☆☆☆
- Sound level ☆☆☆☆
- Visibility ☆☆☆☆



Dimensions							Performance							
Reference	Connection A BSP	Length B x C (mm)	Outlet/ D (mm)	Jets number	Length E (mm)	Weight (kg)	Spray height (m)	0,5	1,0	1,5	2,0	2,5	3,0	3,5
F2441024	G 1" F/	64 x 87	Ø4	16	Ø60	1,03	l/min	42	55	66				
							m.c.a	0,7	1,4	2,2				
							Diameter (cm)	80	140	200				
F2441305	G 1¼" F/	90 x 113	Ø4	20	Ø81	1,14	l/min	50	68	85	100			
							m.c.a	0,6	1,4	2,3	3,3			
							Diameter (cm)	110	190	250	350			
F2442508	G 2½" F/	150 x 258	Ø4	50	Ø198	7,10	l/min		174	218	250	285	310	
							m.c.a		1,2	2,0	2,8	3,6	4,4	
							Diameter (cm)		220	320	420	520	620	
F2443004	G 3" F/	182 x 312	Ø4	59	Ø236	13,80	l/min		200	240	290	330	370	400
							m.c.a		1,5	2,0	2,7	3,4	4,4	5,2
							Diameter (cm)		220	320	420	520	620	720

Willow- Palm tree

In our constant search to develop new nozzles, the technical department of SAFE RAIN has integrated the palm tree nozzle and the willow nozzle, combining the spectacularity and beauty of both. the palm tree rises majestically in the centre, surrounded by the willow of lower height, the result is simply magnificent, full of elegance and very original. highly recommended for medium and large outdoor fountains.



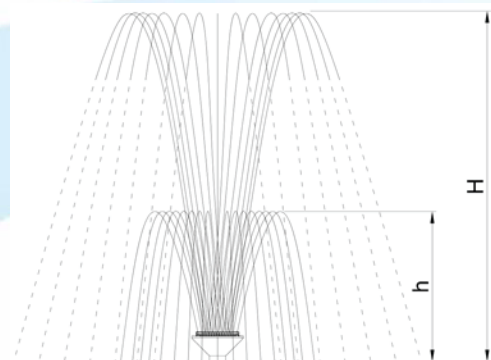
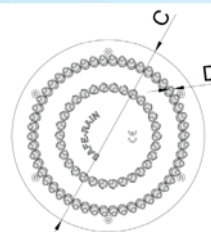
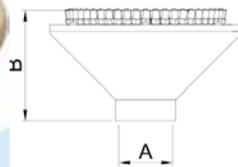
CHROME

IN STOCK

Brass

Straighteners

- Water appearance **Clear**
- Wind resistance
- Splash
- Sound level
- Visibility



Dimensions							Performance							
Reference	Connection A BSP	Adaptor BSP-NPT	Length B x C (mm)	Outlet D (mm)	Jets number	Weight (kg)	Spray height (m) H							
							1,0	1,5	2,0	2,5	3,0			
F2412505	G 2½" F/	F7380257 2½" M-M	150xØ258	Ø4	80	7,40	Height/ Altura (m) h	0,40	0,60	0,90	1,10	1,25		
l/min							220	255	295	322	360			
m.c.a							1,10	1,80	2,60	3,30	4,00			
Diameter (cm)							200	290	360	440	500			
F2413001	G 3" F/	F7380303 3" M-M	182xØ312	Ø4	104	13,90	Height/ Altura (m) h	0,50	0,86	1,10	1,34	1,72		
l/min							253	335	400	448	490			
m.c.a							1,20	2,00	2,80	3,50	4,40			
Diameter (cm)							220	310	380	460	550			

Willow Tree

Brass made nozzle, molds water emulating the shape of the willow tree, the water rises in a parabola to the outside and then descend remembering the shape of this beautiful ornament tree. available in 4 sizes with 16, 20, 50 and 59 jets, which allows you to always find the nozzle that fits the size of any pond.



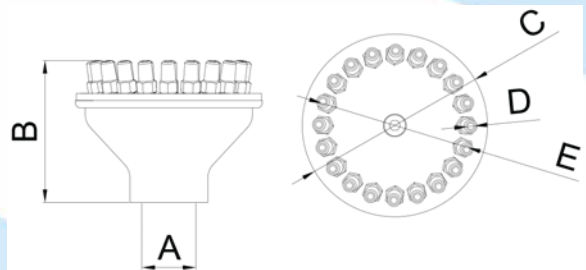
CHROME

ON STOCK

Brass

 Straighteners

- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★



Dimensions							Performance							
Reference	Connection A BSP	Length B x C (mm)	Outlet D (mm)	Jets number	Length E (mm)	Weight (kg)	Spray height (m)	0,5	1,0	1,5	2,0	2,5	3,0	3,5
F2421009	G 1" H	67 x 84	Ø4	16	Ø64	1,03	l/min	43	61	75				
							m.c.a	0,6	1,4	2,7				
							Diameter (cm)	80	150	190				
F2421303	G 1¼" H	90 x 113	Ø4	20	Ø97	1,14	l/min	50	74	93	108			
							m.c.a	0,6	1,5	2,2	2,9			
							Diameter (cm)	100	175	250	300			
F2422506	G 2½" H	150 x 258	Ø4	50	Ø215	7,10	l/min		162	195	240	275	290	
							m.c.a		1,3	1,9	2,8	3,7	4,0	
							Diameter (cm)		150	200	275	325	350	
F2423002	G 3" H	182 x 312	Ø4	59	Ø247	13,80	l/min		190	240	280	312	345	377
							m.c.a		1,4	2,0	2,6	3,3	4,0	4,9
							Diameter (cm)		100	150	250	320	400	450

Fan of jets

This fountain nozzle is water manifold that houses up to 21 divergent lance jets, with 4mm diameter jet nozzle heads. because of the outlet angle, these jets are also parabolic, i.e. it combines both pattern: divergent fans and parabolic water jets. it is usually used in outdoor fountains and swimming pools as a secondary feature. to keep the jets compact, heights of over 5 metres are not recommended.

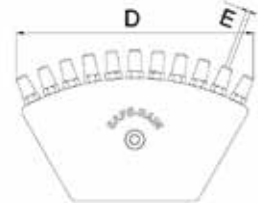
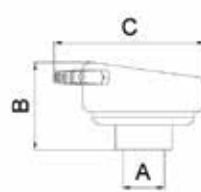
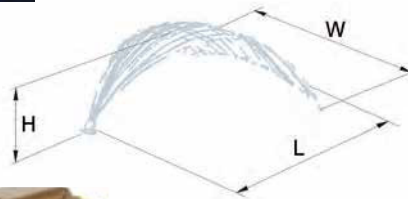


CHROME

ON STOCK

Brass

Straighteners



- Water appearance Clear
- Wind resistance ★★★★☆
- Splash ★★★★☆
- Sound level ★★★★☆
- Visibility ★★★★☆

Reference	Connect A BSP-NPT	Length B x C (mm)	Length D (mm)	Outlet E (mm)	Jets No	Angle	Weight (kg)	Performance					
								Horizontal range (m) L	1	2	3	4	5
F2751006	G 1" F/	62 x 107	168,5	Ø4	11	30°	1,280	l/min	30	51	66	76	78
								m.c.a	1,15	2,20	2,90	3,55	4,00
H x W (mm)	144x 1200	268x 2050	433x 2700	577x 3150	722x 3500								
40°	l/min	35	47	55	59	62							
	m.c.a	1,20	1,80	2,20	2,50	2,65							
H x W (mm)	250x 2200	500x 3200	750x 3850	1000x 4300	1250x 4500								
F2751017	G 1" F/	62 x 107	168,5	Ø4	21	30°	1,365	l/min	55	85	110	128	137
								m.c.a	1,05	2,00	2,75	3,30	3,70
H x W (mm)	144x 1050	266x 1850	433x 2500	577x 2900	722x 3100								
40°	l/min	53	80	102	120	136							
	m.c.a	1,05	1,70	2,10	2,40	2,55							
H x W (mm)	250x 1250	500x 2200	750x 2850	1000x 3250	1250x 3450								

Más información en www.saferain.com |

Laminar fan

This nozzle generates a narrow film of water that widens out over its parabolic trajectory due to exit angle it is commonly used in outdoor water fountains and swimming pools in combination with other main features.



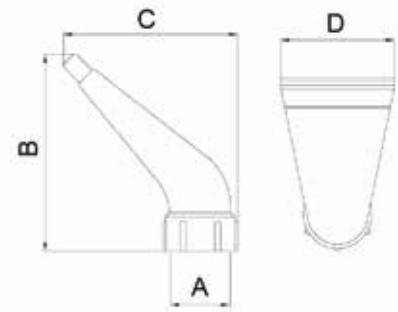
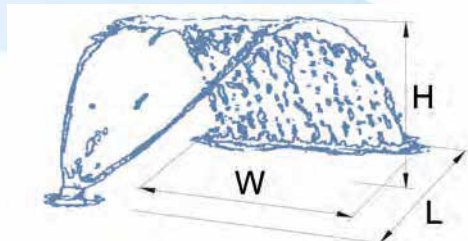
CHROME

ON STOCK

Brass



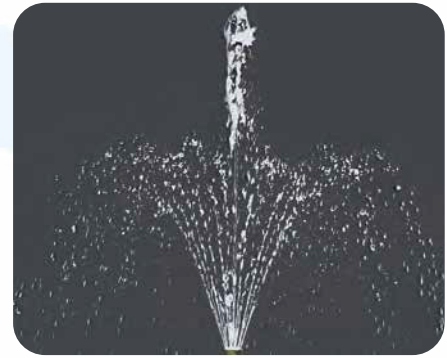
- Water appearance Clear
- Wind resistance
- Splash
- Sound level
- Visibility



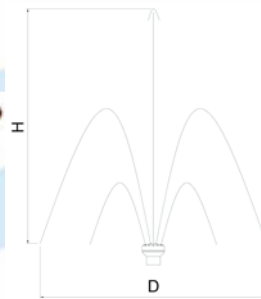
Dimensions						Performance						
Reference	Connection A BSP-NPT	Length B x C (mm)	Length D (mm)	Jets thickness (mm)	Weight (kg)	Spray range (m) L	0,5	1	2	3	4	5
F2693406	G 3/4"/F/	98 x 86	56,5	3	0,37	l/min	29	34	38			
						m.c.a	1,00	1,35	1,78			
						H x W (mm)	120x 220	250x 380	500x 700			
F2691009	G 1"/F/	149 x 120	88	4	0,79	l/min	40	60	95	122		
						m.c.a	0,50	1,00	1,70	2,10		
						H x W (mm)	120x 310	250x 530	500x 980	750x 1410		
F2691505	G 1 1/2"/F/	178,5 x 147	119	5	1,25	l/min	67	106	165	212	250	280
						m.c.a	0,25	0,50	1,00	1,40	1,70	1,90
						H x W (mm)	120x 450	250x 780	500x 1400	750x 2000	1000x 2700	1250x 3300

Crown of jets

This nozzles are jet manifolds that combine various tilt angles to produce a variety of water falls at different heights, this nozzle, on its own is able to fill both small and large diameter ponds due to the wide range of sizes available.



Brass



Water appearance Clear
 Wind resistance
 Splash
 Sound level
 Visibility

CHROME

ON STOCK

Dimensions						Performance						
Reference	Water shape	Connection A BSP-NPT	Length B x C (mm)	Jets number (mm)	Weight (kg)	Spray height (m) H	0,5	1,0	1,5	2,0	2,5	3,0
F2803419		G $\frac{3}{4}$ " F/	46 x \varnothing 48	6 (\varnothing 3)	0,29	l/min	8,0	11,5	16,5	21,0		
						m.c.a	1,0	1,8	2,7	3,8		
						Diameter (cm) D	130	200	260	310		
F2803421		G $\frac{3}{4}$ " F/	46 x \varnothing 48	6 (\varnothing 3) 1 (\varnothing 6)	0,27	l/min	11,0	17,5	22,5	27,5		
						m.c.a	0,6	1,1	1,7	2,2		
						Diameter (cm) D	65	150	200	240		
F2803432		G $\frac{3}{4}$ " F/	46 x \varnothing 48	6 (\varnothing 3) 6 (\varnothing 3) 1 (\varnothing 6)	0,25	l/min	17,0	24,5	30,7	35,0		
						m.c.a	0,6	1,1	1,7	2,2		
						Diameter (cm) D	60	145	200	240		
F2803443		G $\frac{3}{4}$ " F/	46 x \varnothing 48	12 (\varnothing 3)	0,26	l/min	17,0	24,0	30,0	35,0		
						m.c.a	1,2	2,2	3,4	4,8		
						Diameter (cm) D	120	205	270	330		
F2803454		G $\frac{3}{4}$ " F/	46 x \varnothing 48	12 (\varnothing 3) 1 (\varnothing 6)	0,25	l/min	17,0	25,0	31,5	36,5		
						m.c.a	0,6	1,1	1,7	2,2		
						Diameter (cm) D	70	125	165	200		
F2803465		G $\frac{3}{4}$ " F/	46 x \varnothing 48	12 (\varnothing 3) 6 (\varnothing 3) 1 (\varnothing 6)	0,22	l/min	22,0	34,0	40,0	47,5		
						m.c.a	0,6	1,1	1,7	2,2		
						Diameter (cm) D	60	110	150	180		
F2801079		G1" F/	69 x \varnothing 84	24 (\varnothing 3) 12 (\varnothing 3) 1 (\varnothing 6)	1,06	l/min	31,0	50,0	63,0	74,0	82,0	90,0
						m.c.a	0,6	1,1	1,6	2,3	2,9	3,5
						Diameter (cm) D	55	100	145	180	210	240
F2801081		G1" F/	69 x \varnothing 84	24 (\varnothing 3) 12 (\varnothing 3) 6 (\varnothing 3) 1 (\varnothing 6)	1,01	l/min	43,0	58,0	70,0	82,0	92,0	100,0
						m.c.a	0,6	1,1	1,6	2,2	2,8	3,2
						Diameter (cm)	36	80	118	155	190	215

Special crowns with fixed jets

Jets manifolds without ball joint combined with different inclinations and disposition. available with several configurations valid for medium and large ponds always taking into account the aesthetic aspect, proportion and elegance. the use of the fixed lance, with which the water jet leaves the nozzle, has allowed us to create a family that will surely set a trend in the market.



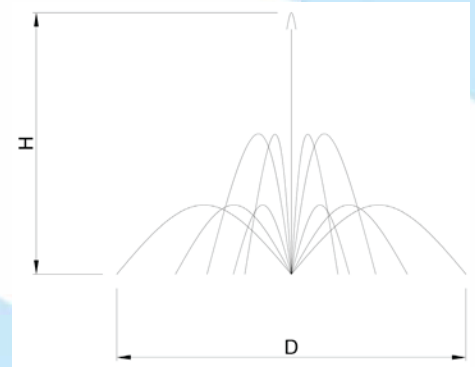
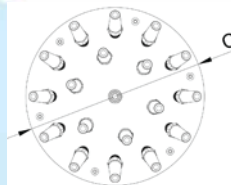
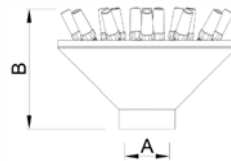
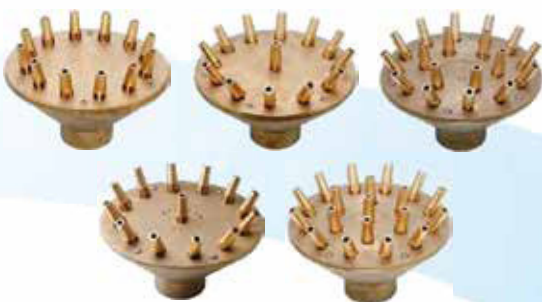
- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★☆
- Sound level ★★★★☆
- Visibility ★★★★☆

CHROME

IN STOCK

Brass

Straighteners



Dimensions							Performance											
Reference	Water shape	Connection A	Adaptor	Length B x C	Jets number	Weight	Spray height (m) H	1	2	3	4	5	6					
		BSP	BSP-NPT	(mm)		(kg)												
F2802519		G 2 1/2" F/ 1/2" M - M	F7380257	221 x Ø255	12 Ø8	7,9	I/min	156	225	280	410							
Volga							m.c.a	1,50	2,80	4,30	5,80							
							Diameter (cm) D	200	400	500	600							
F2802532					G 2 1/2" F/ 1/2" M - M	F7380257	221 x Ø255	1 Ø8 12 Ø8	8,0	I/min	120	165	200	220	230			
Danubio										m.c.a	1,20	2,40	3,60	4,90	6,10			
										Diameter (cm) D	130	210	290	370	440			
F2802521								G 2 1/2" F/ 1/2" M - M	F7380257	221 x Ø255	6 Ø8 12 Ø8	8,4	I/min	190	280	350		
Missisipi		m.c.a	2,30	4,90									7,80					
		Diameter (cm) D	250	450									700					
F2802543		G 2 1/2" F/ 1/2" M - M	F7380257	221 x Ø255							1 Ø8 12 Ø8	8,0	I/min	130	205	250	285	
Sena					m.c.a	1,40	2,70						4,00	5,30				
					Diameter (cm) D	280	500						610	700				
F2802554					G 2 1/2" F/ 1/2" M - M	F7380257	221 x Ø255				1 Ø8 6 Ø8 12 Ø8	8,5	I/min	167	220	285	330	375
Tamesis								m.c.a	1,20	2,70			3,90	5,20	7,90	9,00		
								Diameter (cm) D	180	280			380	500	630	770		

Special crowns

Jet manifolds that combine various tilt angles to produce a variety of water falls at different heights. they are equipped with internally to produce circular crowns of different heights using a single water inlet. this nozzle, on its own, is able to fill both small and large diameter ponds due to the wide range of sizes available.



CHROME

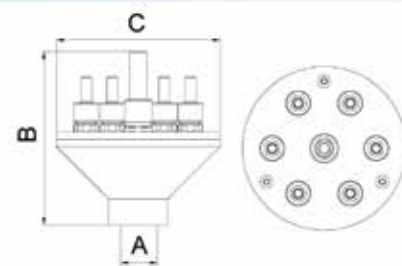
IN STAINLESS



SS



- Water appearance **Clear**
- Wind resistance
- Splash
- Sound level
- Visibility



Dimensions					Performance									
Reference	Connection A BSP	Length B x C (mm)	Jets number	Weight	Spray height	1	2	3	4	5	6	8	10	12
F2801305	G1 1/4" F/	140 x Ø132	1 Ø8 6 Ø6	2,10	I/min	44	67	90	110	126	141			
					m.c.a	1,30	2,30	3,60	4,70	5,90	6,90			
					Diam. (cm) D	90	175	260	345	430	515			
F2802508	G2 1/2" F/	221 x Ø255	1 Ø12 6 Ø8 12 Ø8	9,40	I/min	232	310	390	472	520	590	708		
					m.c.a	1,90	3,10	4,30	5,60	6,80	8,00	10,50		
					Diam. (cm) D	90	175	260	345	430	515	680		
F2803004	G3" F/	304x Ø312	1 Ø16 6 Ø10 12 Ø8 12 Ø8	17,00	I/min	439	589	733	870	996	1108	1312	1477	1653
					m.c.a	2,20	3,50	4,60	6,30	7,30	8,80	10,60	14,60	16,70
					Diam. (cm) D	70	135	200	260	325	390	517	640	770

Calix jet

This fountain nozzle produces a more turbulent sheet of water than the mushroom jet and rises to a greater height. The film of water leaves the fountain nozzle at an exit angle to produce a parabolic pattern, and when it falls, the film is broken to create a calix shape. It generates more noise in normal operation than the mushroom jet because the film of water is broken, making it suitable for outdoor fountains as a feature combined with other higher jet



Brass + Stainless steel

0757004

AISI 304



Water appearance

Clear

Wind resistance



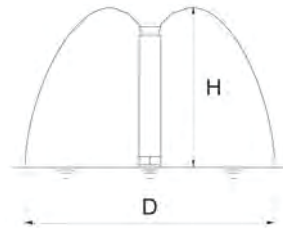
Splash



Sound level



Visibility

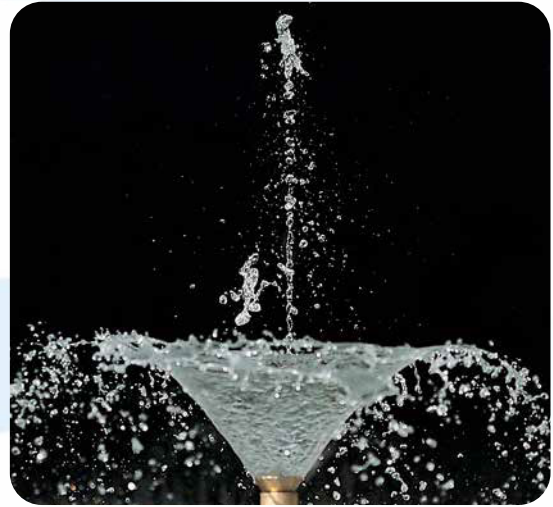


Dimensions						Performance											
Reference	Connection A	Length B (mm)	Angle (α)	Jets thickness (mm)	Weight (kg)	Diameter (cm) D	40	60	80	100	120	140	160	180	200	250	300
F2633409	G 3/4" F/ BSP-NPT	135	70°	2,0	0,30	l/min	27,0	30,5	33,5	36,0	38,0	40,0	42,0				
						m.c.a	0,74	0,84	0,92	1,00	1,06	1,12	1,18				
						Height (cm) H	27,0	31,5	36,0	40,0	44,5	48,5	53,0				
F2631003	G 1" F/ BSP-NPT	170	70°	5,0	0,60	l/min	35,0	43,0	50,0	54,5	59,0	62,0	65,5	68,0			
						m.c.a	0,90	1,10	1,30	1,55	1,75	1,95	2,18	2,40			
						Height (cm) H	31,0	37,0	41,0	45,0	48,0	51,0	53,0	55,0			
F2632004	G 2" F/ BSP	210	70°	7,0	1,00	l/min	64	75	85	95	104	114	120	125	129		
						m.c.a	0,35	0,90	0,43	0,47	0,49	0,52	0,54	0,56	0,59		
						Height (cm) H	28,0	31,0	34,0	37,0	40,0	43,0	46,0	49,0	52,0		
F2643006	G 3" F/ BSP	313	80°	5,5	4,00	l/min			110	126	134	150	158	166	174	190	206
						m.c.a			0,50	0,55	0,56	0,60	0,65	0,72	0,80	0,95	1,10
						Height (cm) H			37,0	42,0	45,0	50,0	53,0	57,0	60,0	80,0	100,0

Further information at www.saferain.com |

Arum lily jet

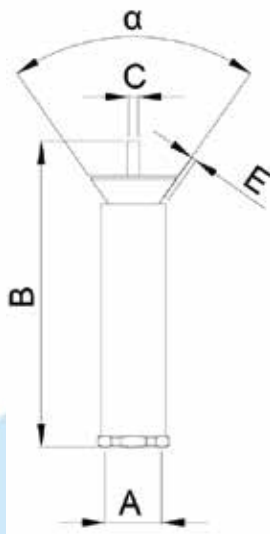
This fountain nozzle is a combination of two features: a central lance jetbreaking o a caliz jet, the water pattern looks like an arum lily. two sizes of fountain nozzle are available: 1" and 3" nozzle made from casr brass, machined and stainless steel, with a single inler and the water distribution for the lance jet and goblet patterns takes place inside this same nozzle to provide the right height proportions for the water jets.



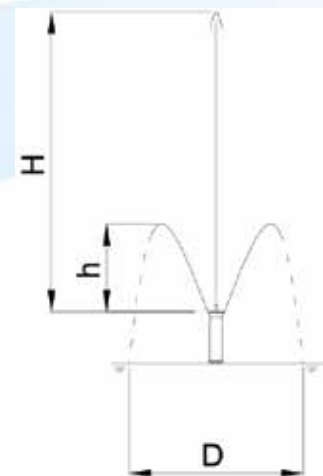
Brass + Stainless steel

ON STOCK

AISI 304



- Water appearance Clear
- Wind resistance ☆☆☆☆☆
- Splash ☆☆☆☆☆
- Sound level ☆☆☆☆☆
- Visibility ☆☆☆☆☆



Dimensions								Performance						
Reference	Connection A	Adaptor BSP-NPT	Length B (mm)	Outlet C (mm)	Angle (α)	Sheet thickness (mm)	Weight (kg)	Spray height (m) H	0,5	1,0	1,5	2,0	3,0	4,0
F2681008	G 1" F/ BSP-NPT	-	200	Ø4	70°	5,0	0,60	Height/ Altura (m) h	0,16	0,25	0,40	0,50		
								l/min	55	75	92	105		
								m.c.a	0,9	1,5	2,2	2,8		
								Diameter (cm)	60	120	150	200		
F2683001	G 3" F/ BSP	F7380303 3" M-M	330	Ø12	80°	5,5	4,00	Height/ Altura (m) h		0,25	0,32	0,40	0,70	0,90
								l/min		180	215	250	315	370
								m.c.a		1,5	2,1	2,6	4,1	5,6
								Diameter (cm)		150	175	200	300	400

Mushroom jet

This nozzle produces a sheet of transparent water thanks to fully laminar flow of water at the outlet. It has little wind resistance, although this also depends on the thickness of the water film. Due to its operating speed, noise level is very low, which makes it particularly suitable for indoor fountains. As it does not depend on the water level, it is advisable to set to a height at which the film does not break when it falls.



Brass + Stainless steel

INTECH

AISI 304

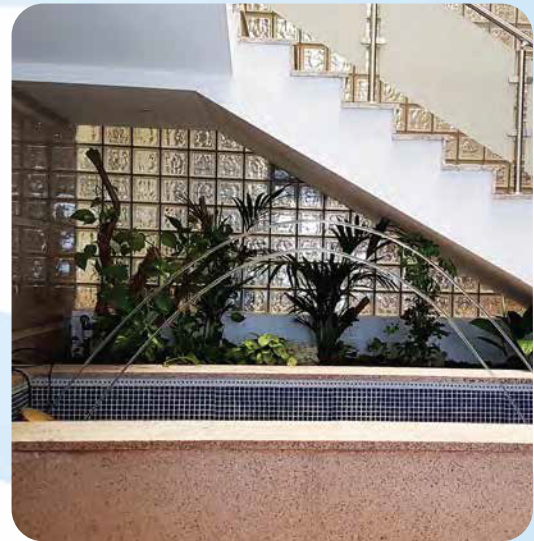


- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Dimensions					Performance							
Reference	Connection A	B Length x C (mm)	Jets thickness (mm)	Weight (kg)	Diameter (cm)	20	30	40	50	60	80	100
F2613429	G 3/4" F/ BSP-NPT	290 x Ø35	5	0,49	l/min	18,0	20,0	22,0	24,0			
					m.c.a	0,40	0,42	0,44	0,45			
F2613407	G 3/4" F/ BSP-NPT	390 x Ø35	5	0,60	l/min	18,0	23,3	27,5	32,0			
					m.c.a	0,66	0,74	0,80	0,85			
F2612035	G 2" M BSP	350 x Ø54	5	1,33	l/min			34,0	35,5	37,0	43,0	50,0
					m.c.a			0,50	0,55	0,60	0,70	0,80
F2612068	G 2" M BSP	500 x Ø54	5	1,59	l/min			46,0	48,0	50,0	54,0	60,0
					m.c.a			0,70	0,73	0,75	0,80	0,90
F2612092	G 2" M BSP	645 x Ø54	5	1,85	l/min			48,0	51,0	54,0	60,0	66,0
					m.c.a			0,80	0,83	0,87	0,94	1,00

Compact crystal jet

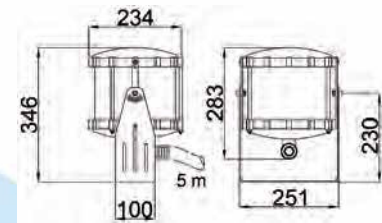
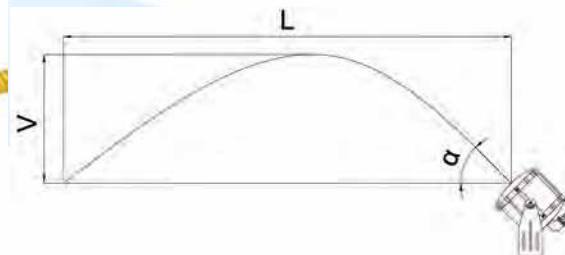
The compact crystal jet is a nozzle that develops a water jet in a laminar regime, giving the water a unique appearance, producing a striking visual aspect for the viewer. Due to its compact design and reduced dimensions, it is easier to use in any installation that combined with its low splashing and low noise level, it makes it deal for small gardens, and a complementary element of any fountain.



Brass + Stainless steel



- Water appearance Clear
- Wind resistance ★★★★☆
- Splash ★★★☆☆
- Sound level ★★★★☆
- Visibility ★★★★☆



Cotas en mm

Dimensions					Performance				
Reference	Connection BSP- NPT	Outlet (mm)	Weight (kg)	Jet angle (α)	Horizontal range (m) L	1	2	3	4
F4321001	G1" F/ (*)	Ø14	17,0	30°	l/min	18,00	25,00	30,00	34,00
					m.c.a	0,90	1,60	2,40	3,00
					Height (m) V	0,19	0,32	0,47	0,56
				45°	l/min	17,20	23,50	30,00	35,00
					m.c.a	0,90	1,50	2,20	2,80
					Height (m) V	0,33	0,54	0,80	1,06
				60°	l/min	19,00	26,00	32,00	36,60
					m.c.a	1,00	1,80	2,40	3,20
					Height (m) V	0,53	0,97	1,38	1,83
				75°	l/min	24,40	35,50		
					m.c.a	1,60	3,00		
					Height (m) V	1,10	2,00		

(*) Included 5 meter of hose/

Safe Rain recommended use of Pump F6524908, it is not included in kit F4321001/

Further information at www.saferain.com |

Compact rainbow jet

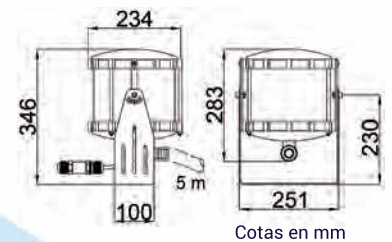
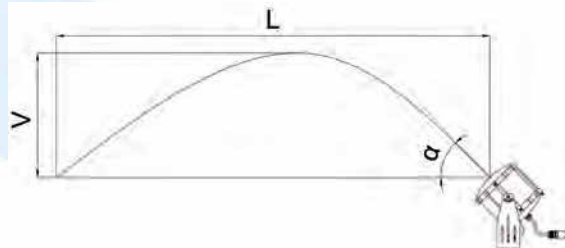
The COMPACT RAINBOW JET is a nozzle that develops an illuminated laminar water jet, giving the water a unique aspect, producing a striking visual aspect for the viewer. In its compact design we have incorporated a high power RGBW LED that dramatically illuminates the water parabola in its entirety. Due to its compact design and small dimensions, it is easy to use in any installation that combined with its low splash and low level of noise, makes it deal for small gardens, and a complementary element of any source.



- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Brass + Stainless steel

AISI 304 **ON STOCK**
RGBW LED



* Rainbow Jet use is recommended with low environmental light. Maximum 180 lx

Dimensions								Performance				
Reference	Connection	Outlet (mm)	Weight (kg)	Power	Voltage	Elec. Connection	Jet angle (α)	Horizontal range (m) L	1	2	3	4
F4322002	G1" F/ (*)	Ø14	17,0	10W	24V DC	0,5m cable with IP68 connector H05RR-F H05RN-F H07RR-F H07RN-F Ø10 - Ø13	30°	l/min	18,00	25,00	30,00	34,00
								m.c.a	0,90	1,60	2,40	3,00
								Height (m) V	0,19	0,32	0,47	0,56
							45°	l/min	17,20	23,50	30,00	35,00
								m.c.a	0,90	1,50	2,20	2,80
								Height (m) V	0,33	0,54	0,80	1,06
							60°	l/min	19,00	26,00	32,00	36,60
								m.c.a	1,00	1,80	2,40	3,20
								Height (m) V	0,53	0,97	1,38	1,83
							75°	l/min	24,40	35,50		
								m.c.a	1,60	3,00		
								Height (m) V	1,10	2,00		

(*) Included 5 meter of hose

For the lighting control it is necessary the controller RGBW F6325356

Safe Rain recommended use of Pump F6524908, it is not included in kit F4322002/

Frothy fountain jets

Snowy jet
Foamy column jet
Cascade jet
Joint cascade jet
Geyser jet
Snowy fir jet
Bubbler



The aim of frothy fountain nozzles is to generate white or frothy fountain jets in water feature fountains. In order to achieve this, turbulent flow has to be generated inside the jet pipe, which can be achieved in two ways:

1. by the outgoing jet drawing a column of water from the basin: for this, it has to remain immersed in water (cascade)...
2. By mixing air and water via the venturi effect (snowy jet). both features (geyser jet and foam cascade) can be combined

Snowy jet

This is one of the most widely used nozzles in architectural fountains, due to its easy installation and attractive spray pattern. The proper functioning of this nozzle is not water level dependent and because of its inner working, mix a lot of air with water, obtaining a particularly attractive sparkling effect when lit up at night. It is made from different materials for greater versatility (brass, plastic and stainless steel).



Brass + Stainless steel



- Water appearance Foamy
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★



Dimensions							Performance							
Reference	Connection A	Adaptor BSP-NPT	Outlet (mm) B	Length C x D (mm)	Material	Weight (kg)	Height (m)	0,5	1,0	2,0	2,5	3,0	4,0	6,0
F2391208	G 1/2" M BSP-NPT		Ø24	76,5x Ø54	Brass/	0,64	l/min	44	74	98				
							m.c.a	1,5	3,8	5,7				
F2401007	G 1" M BSP	11793 1" F-F/	Ø32	132x Ø53	Plastic + AISI 304/	0,44	l/min	49	71	97	107			
							m.c.a	1,0	2,1	4,4	5,4			
F2401018	G 1" M BSP		Ø32	132x Ø53	Plastic + AISI 316/	0,44	l/min	49	71	97	107			
							m.c.a	1,0	2,1	4,4	5,4			
F2391006	G 1" M BSP-NPT		Ø50	140x Ø92	Brass/	2,34	l/min	100	140	190	220	240		
							m.c.a	1,5	3,2	6,0	7,2	8,9		
F2401503	G 1 1/2" M BSP-NPT		Ø50	201x Ø84	Brass + Stainless steel AISI 304/	1,40	l/min	88	123	175	194	212	230	
							m.c.a	1,1	2,1	3,8	4,7	5,7	7,3	
F2402008	G 2" M BSP-NPT		Ø75	232x Ø115		2,30	l/min	217	308	415	472	516	605	755
							m.c.a	0,8	1,7	3,1	4,1	5,0	6,7	10,2

Foamy Column jet

This nozzle is itself, a spray ring on which between 24 and 90 (depending on size) 6 mm jet nozzles are fitted to produce a larger diameter rising column of water but without the high glow that a continuous jet of the same diameter outlet would require. the jet nozzle outlet has to remain above the level of the water pond. the name itself indicates the foamy appearance it produces, which is achieved by adding several small jets. it is highly suitable for large outdoor water feature fountain.



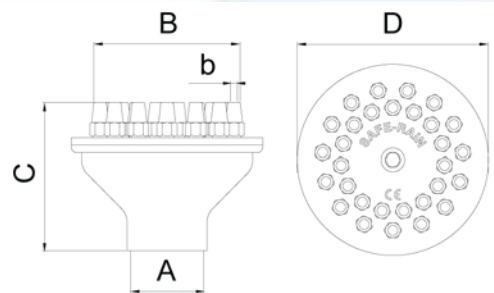
CHROME

BRASS

Brass



- Water appearance
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★



Dimensions							Performance										
Reference	Connection A BSP	B Outlet (mm)	C Length (mm)	Diameter D (mm)	Jets number b	Weight (kg)	Height (m)	0,5	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	
F2431001	G 1" F/	Ø66	64	Ø84	24x Ø6mm	1,03	l/min	100	120	154							
							m.c.a	1,0	1,8	3,2							
F2431315	G 1¼" F/	Ø90	88	Ø114	30x Ø6mm	2,00	l/min	195	258	355	430	492					
							m.c.a	1,3	2,5	4,6	6,3	7,6					
F2432518	G 2½" F/	Ø210	150	Ø258	72x Ø6mm	7,80	l/min	468	620	850	1032	1181	1304	1385			
							m.c.a	1,5	2,7	4,5	6,1	7,3	8,3	9,1			
F2433003	G 3" F/	Ø250	183	Ø312	90x Ø6mm	12,50	l/min	585	775	1060	1290	1465	1625	1800	1900	1980	
							m.c.a	1,3	2,5	4,6	6,3	7,6	8,5	9,0	9,8	10,1	

Cascade jet

This nozzle, made of brass, is one of the most widely used in architectural fountains. If it is installed with the level of water given by the manufacturer it generates a very attractive cone of sparkling water. The water coming out of the cascade jet nozzle draws a column of water from the fountain pond, which produces a great deal of turbulence.



CHROME

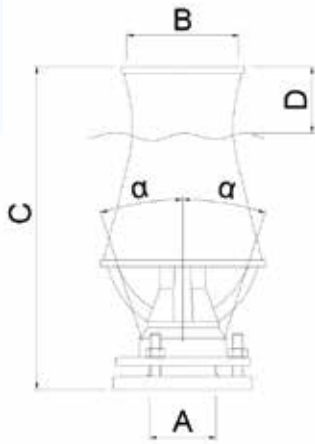
IN STOCK

Brass



Water level dependent nozzle

- Water appearance Foamy
- Wind resistance ★★★★★
- Splash ★★★★☆
- Sound level ★★★★☆
- Visibility ★★★★★



Dimensions								Performance										
Reference	Connection A	Outlet (mm) B	Length (mm) C	Water level D (mm)	Straighteners	Angle (α)	Weight (kg)	Height (m)	0,5	1,0	1,5	2,0	3,0	4,0	5,0	6,0	7,0	
F2451205	G 1 1/2" M	Ø35	145,5	20		31°	0,43	l/min	15	21	27	31						
								m.c.a	6,4	12,0	17,5	23,0						
F2451003	G 1" M	Ø50	201	30		16°	0,95	l/min	32	45	55	63	80	91				
								m.c.a	2,6	4,9	7,0	9,0	13,6	17,8				
F2451508	G 1 1/2" F/	Ø82	250	50		10°	3,30	l/min	52	82	104	120	145	164	177	185	190	
								m.c.a	3,4	5,5	5,3	7,2	11,0	14,6	18,5	22,3	26,0	

Joint cascade

This nozzle gets the same aquatic effect than the cascade jet but is made of brass and stainless steel. just as model made of brass is widely used in ornamental fountains.



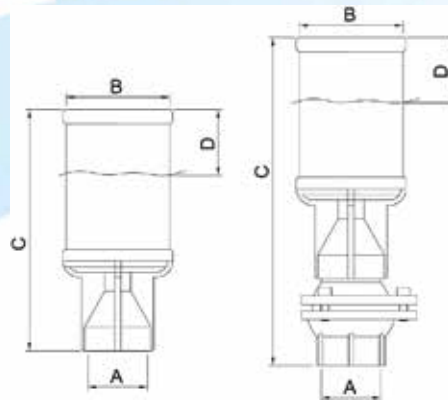
Brass + Stainless steel



Water level dependent nozzle



- Water appearance Foamy
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★



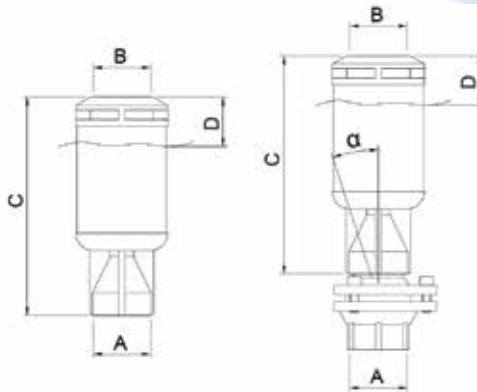
Dimensions										Performance									
Reference	With ball joint	Connection A	Adaptor BSP-NPT	Outlet (mm) B	Length (mm) C	Water level D (mm)	Weight (kg)	Angle (α)	Height (m)	1	2	3	4	5	6	10	12	14	
F2462038		G 2" F/ BSP-NPT		Ø100	242	61	1,9		l/min	140	180	210	240	263	285				
F2462051					330		3,9	23°	m.c.a	2,40	4,10	5,90	7,60	9,50	11,60				
F2462534		G 2½" F/ BSP	F7380257 2½" M-M	Ø125	307	77	3,0		l/min	220	270	317	360	396	430	550			
F2462556					410		6,5	20°	m.c.a	2,70	4,40	6,14	8,00	10,00	12,30	21,60			
F2463038		G 3" F/ BSP	F7380303 3" M-M	Ø150	360	90	4,5		l/min	314	410	496	570	628	680	900	1010	1130	
F2463052					480		9,5	20°	m.c.a	2,80	5,00	7,10	9,30	11,50	14,00	23,00	28,00	32,50	

Geyser jet

This geyser jet nozzle produces an output fountain jet that combines a mixture of water from the pump, water from pond and air, the end jet pattern is a column of white water, created by mixing air and water together they equipped with tilt correctores to prevent unwanted jet inclination. the smaller sized geyser jet nozzles (1/2" and 1") are made of 100% cast and machined brass, while the larger sizes (1 1/2", 2, 2 1/2" and 3") are a mixture of stainless steel and brass.



Water appearance	Foamy
Wind resistance	
Splash	
Sound level	
Visibility	



AISI 304 **ON STOCK**



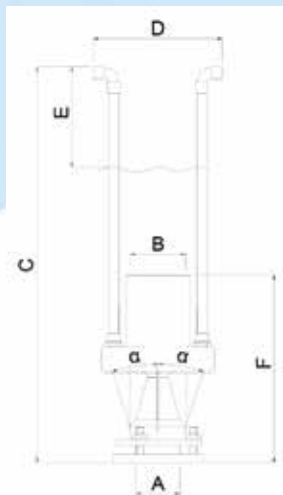
Water level dependent nozzle

Brass + Stainless steel

Dimensions										Performance											
Reference	With ball joint	Connection A	Adaptor BSP-NPT	B Outlet (mm)	C Length (mm)	Water level D (mm)	Weight (kg)	Angle (°)	Height (m)	0,5	1,0	2,0	3,0	4,0	6,0	8,0	12,0	16,0	20,0	30,0	
F2371206		G 1/2" M BSP-NPT		Ø16	135	30	0,40	25°	l/min	11,1	15,0	21,0	22,5								
									m.c.a	2,00	3,25	5,25	7,25								
F2371004		G 1" M BSP	5876 1" F-F/	Ø24	203	50	1,13	24°	l/min	25,0	33,5	44,0	54,0	62,0	73,0						
									m.c.a	1,2	2,4	4,0	5,8	7,4	10,8						
F2381501		G 1 1/2" F/ BSP-NPT		Ø48	204	45	2,00	23°	l/min	68,0	83,0	111,0	128,0	146,0	170,0	193,0					
F2381512					274		3,40		m.c.a	1,7	2,6	4,4	6,2	7,8	11	14,5					
F2382006		G 2" F/ BSP-NPT		Ø60,5	252	65	3,00	23°	l/min	93,0	115,0	146,0	178,0	203,0	238,0	274,0	332,0				
F2382017					339		5,00		m.c.a	1,7	2,5	4,1	5,8	7,5	10,8	14,2	20,9				
F2382502		G 2 1/2" F/ BSP	F7380257 2 1/2" M-M	Ø80	336	75	5,00	30°	l/min	166,0	212,0	267,0	325,0	368,0	423,0	486,0	577,0	675,0	753,0		
F2382513					438		8,00		m.c.a	1,6	2,5	4,2	6,3	7,9	10,8	14,3	21,0	27,7	34,4		

Snowy Fir jet

This nozzle produces a water cone that is particularly beautiful when lit up at night. combining the effects of suctioning air and drawing water from the pond, thus producing bubbles of water that look like floating beads when lit at night. the installation height of the nozzle, which is fully immersed except for the air suction pipw must be strictly complied with.



Water appearance
Wind resistance
Splash
Sound level
Visibility

Foamy



CHROME

ONESTOCK



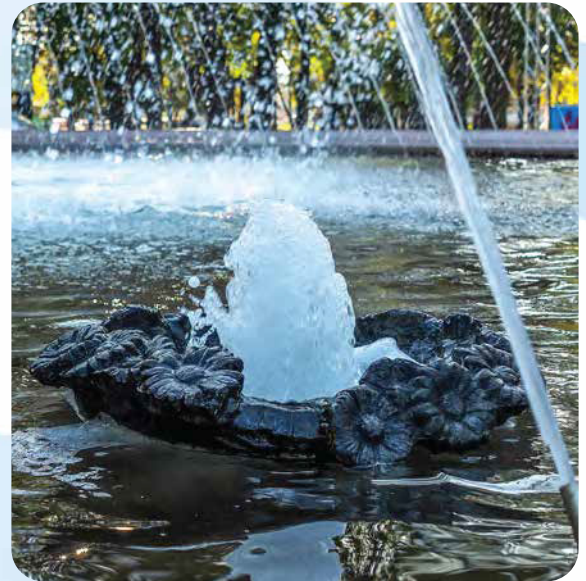
Water level dependent nozzle

Brass

Dimensions								Performance												
Reference	Connection A BSP	Outlet (mm) B	Length (mm) C x D	Water level (mm) E	Length (mm) F	Angle (α)	Weight (kg)	Height (m)	0,5	1,0	1,5	2,0	3,0	5,0	7,0	9,0	12,0	14,0		
F2491209	G 1/2" M	Ø25	177x 66	55	86	15°	0,37	l/min	19	25	28									
								m.c.a	6,0	9,0	11,0									
F2491007	G 1" M	Ø50	316x 94	100	156	19°	0,96	l/min	86	104	118	130	148							
								m.c.a	7,6	15,0	20,9	26,5	35,0							
F2491503	G 1½" F/	Ø65	453x 147	115	215	8°	2,90	l/min	121	175	212	232	255	275						
								m.c.a	10,0	20,0	26,5	34,0	44,0	99,0						
F2492008	G 2" F/	Ø75	463x 155	125	213	8°	4,70	l/min	148	205	238	260	290	325	340	347				
								m.c.a	8,0	17,0	25,0	31,0	43,0	61,0	75,0	85,0				
F2492504	G 2½" F/	Ø107	585x 199	150	322	8°	10,8	l/min	248	350	425	495	603	780	920	1050	1200	1298		
								m.c.a	6,0	11,0	15,0	18,5	25,0	35,0	42,0	49,0	56,0	58,0		

Bubbler

Very special nozzle, Develops a forthy and crystalline effect, due to the lower proportion of air contained inside, low-height jets (recommendation max. 50 CM) with a undefined cylindrical and wide shape, very aesthetic, silent and consistent. Nozzle made entirely of AISI 316 stainless steel and with integrated flow straighteners, we have several sizes, choose the one that best suits the requirements of your fountain.

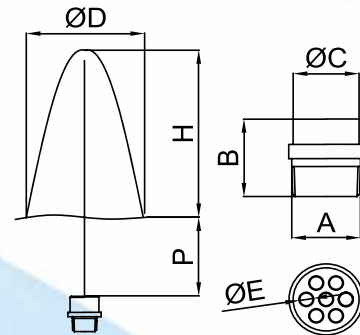


Stainless steel

Water level dependent nozzle

- Water appearance ★★★★★
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Foamy



Dimensions						Performance				
Reference	Connection	ØE x Jet n°	B x ØC	Water level	Weight	Height	15	25	35	50
		mm		cm		Kg				
F2501267	G 1/2" M BSP-NPT	Ø3X6	26.5 x 24	10	0,05	L/min	15	22	27	34
						m.c.a	3	5	8	12
						ØD cm	12	15	20	24
F2501065	G 1" M BSP-NPT	Ø6X6	36 x 35	5	0,13	L/min	21	30	38	45
				m.c.a		0,5	1,4	2,3	3,3	
				ØD cm		10	12	20	24	
				30		L/min	62	85	115	137
				m.c.a		4	7,2	13	19,5	
				ØD cm		22	30	40	50	
F2501561	G 1 1/2" M BSP-NPT	Ø8X7	46 x 60	5	0,30	l/min	52	71	87	103
				m.c.a		0,8	1,4	2	2,6	
				ØD cm		13	20	26	30	
				30		l/min	85	125	170	200
				m.c.a		1,4	3	6	8,5	
				ØD cm		25	30	40	50	

Rotatory nozzles

Cyclone Hibiscus
Twister Dancing



Thanks to rotating nozzles - also known as dancing or dynamic nozzles - we are able to add dynamism to the water and obtain attractive water features that are suitable for use in both cybernetic fountains and musical fountains, in which the rhythm of the music merges with the movement of the water

it is possible to use these types of fountain nozzles to bring the “water to life” , which is a particularly attractive effect at night, allowing the water to fill any architectural space when it is lit up.

Therefore, we believe that they will not leave anyone unimpressed, and that you will be able to use them in decorative indoor water feature in urban space.

Cyclone

Rotating nozzle based on the exclusive low friction turning system developed by SAFE-RAIN, thanks to the arrangement of its 5 nozzles of 8 mm output generates very consistent rotary helical figures. essential to make any figures in movement, which accept a slight adjustment of their conicity for a better adaptation to the requirements of each fountain.

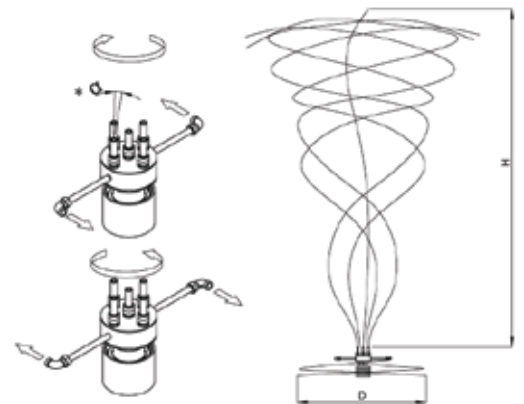
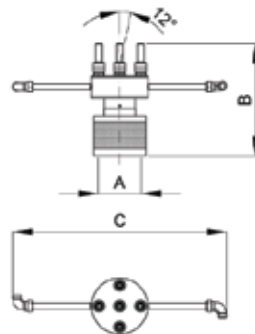


Brass + Stainless steel



Straighteners

- Water appearance Clear
- Wind resistance ☆☆☆☆☆
- Splash ☆☆☆☆☆
- Sound level ☆☆☆☆☆
- Visibility ☆☆☆☆☆



Dimensions								Performance				
Reference	Connection A	Connection NPT	Lenght BXC	Inclination angle	Jets number	Outlet (mm)	Weight/ (Kg)	Height/ (m) H	1,5	2,0	2,5	3,0
F2863045	G3" BSP F/ H	F7380303 NIPPLE/ 3" BSP/ NPT M/M	238 X Ø435	* Max. 12°	5	Ø8	4,2	L/min	110	125	145	165
								m.c.a	1,8	2,3	2,9	3,5
								Diam. (m) D	2,4	2,5	3,1	3,8

-Turn clockwise or counterclockwise

* -Tilt the angle "α" 6° of the 4 external lances as indicated in the diagram to achieve the specified performance

Twister

Rotary nozzles that achieves amazing effects, big amount of water in movement. through the exclusive low friction swivel system developed by SAFE RAIN, get the rotation using only water pressure allowing both the vertical installation generating a dynamic sun effect essential in all musical fountains, or elevated horizontally generating a funny parasol ideal for children's play areas.



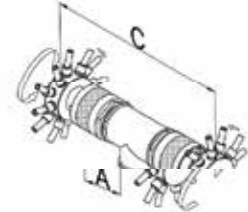
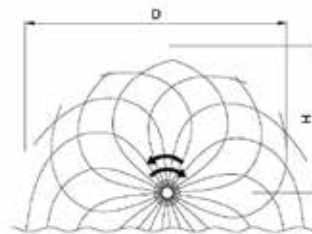
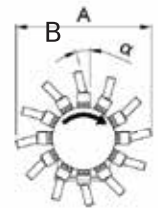
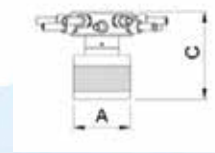
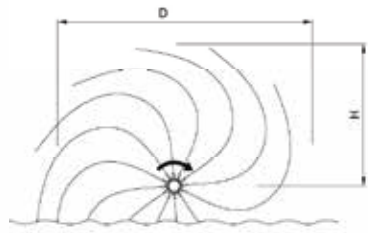
Stainless steel + Brass

AISI 304

BRASS

Straighteners

- Water appearance
 - Wind resistance
 - Splash
 - Sound level
 - Visibility
- Clear



Dimensions								Performance					
Reference	Connection A BSP	Adaptor BSP-NPT	Length (mm) B x C	Inclination	Jets number	Outlet (mm)	Weight (Kg)	Pressure (m.c.a)	3,5	4,0	5,0	6,0(*)	7,0(*)
F2833042	G3" F/	F7380303 3" M-M	Ø255 x 165	Max.	12	Ø8	4,6	Height/ (m) H	2,25	2,50	3,50	4,0	4,75
Diam. (m)								9,0	12,0	14,0	16,0	18,0	
Flow l/min								265	280	315	345	375	
F2833053	G3" F/	F7380303 3" M-M	Ø255 x 555	Max.	24	Ø8	13,6	Height/ (m) H	2,75	3,00	3,50	4,0	4,30
Diam. (m)								11,7	12,4	14,2	16,0	17,2	
Flow l/min								530	550	614	670	720	

- Rotation right and left /

- Lances Jet must have a maximum inclination, in order to met data table values

(*) From 6 m.c.a. and above, the rotational speed of the nozzle is so high that the visual rotational effects is lost

Hibiscus

These perfectly formed, revolving drops of water mean, that you don't have to go to central park to relax, as this union of little falling drops, forming a flower shape, gives you the same sensation of wellbeing.

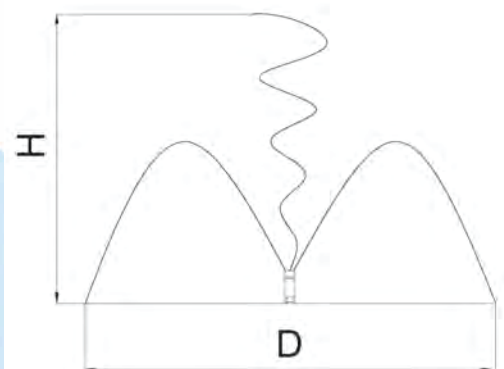
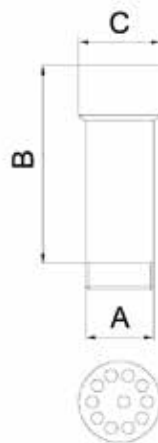
The Greater the pressure at the outlet of this nozzle, the faster the rotation speed and, therefore, the higher the height of the cone. this cone is made up of hundreds of spinning drops which, when illuminated, form authentic pearls of color. it is wonderful at night.



PVC + Stainless steel



- Water appearance Clear
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★



Dimensions				Performance					
Reference	Connection A BSP-NPT	Length (mm) B x C	Weight (kg)	Middle jet height (m) H					
				0,5	1,0	1,5	2,0	2,5	
F2813411	G ¾" M	94x Ø31	0,30	Diameter/ (m) D	0,5	1,0	1,3	1,5	
				l/min	10	22	28	37	
				m.c.a	0,4	1,2	1,8	2,4	
F2811014	G 1" M	97x Ø40	0,30	Diameter/ (m) D	0,5	1,0	2	2,5	
				l/min	26	45	59	71	
				m.c.a	0,4	1,2	2,0	3,2	
F2811519	G 1½" M	125x Ø61	0,51	Diameter/ (m) D	1,5	2,5	3,0	4,0	4,5
				l/min	48	76	92	110	128
				m.c.a	0,4	1,2	1,8	2,4	3,2

Dancing

These perfectly formed, revolving drops of water mean, that you don't have to go to central park to relax, as this union of little falling drops, forming a flower shape, gives you the same sensation of wellbeing.

The Greater the pressure at the outlet of this nozzle, the faster the rotation speed and, therefore, the higher the height of the cone. this cone is made up of hundreds of spinning drops which, when illuminated, form authentic pearls of color. it is wonderful at night.



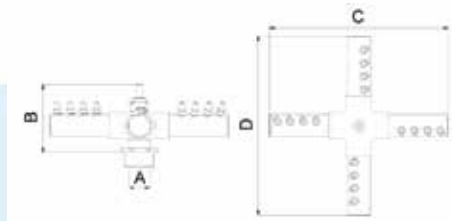
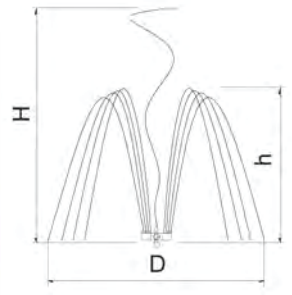
Brass + Stainless steel

AISI 304

316 STAINLESS STEEL

Straighteners

- Water appearance Clear
- Wind resistance ☆☆☆☆
- Splash ☆☆☆☆
- Sound level ☆☆☆☆
- Visibility ☆☆☆☆



Dimensions						Performance																
Reference	Connection A	Length (mm) B	Length (mm) C x D	Jets number	Weight/ (kg)	Pressure (m.c.a)	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,5	7,0	8,0	9,0					
F2823412	¾" M NPT/ BSP	79	128x128	4+1	0,40	Height (m)	H	1,50	2,00	2,25	2,50											
							h	1,25	1,50	1,75	1,75											
						Diam. (m)		2,2	2,3	2,7	3,2											
							Flow	l/min	25	28	30	32										
m³/h	1,50	1,68	1,98	1,92																		
F2821511	1½" M NPT/ BSP	106	280x280	16+1	1,62	Height (m)	H			3,25	3,50	4,00	4,25	4,50								
							h			2,25	2,50	2,75	3,00	3,25								
						Diam. (m)			2,8	4,0	4,5	5,0	5,3									
							Flow	l/min			95	100	105	110	117							
m³/h				5,7	6,0	6,3		6,6	7,0													
F2822016	2" M NPT/ BSP	148	521x521	24+1	3,80	Height (m)	H								5,00	5,50	6,00	7,00				
							h								3,15	3,50	4,00	4,50				
						Diam. (m)												7,5	8,0	8,5	9,0	
							Flow	l/min											217	225	245	255
m³/h													13,02	13,50	14,70	15,30						

Spray water feature

Spraying jet

Spraying clouds



These spray nozzles are used to generate a volume of water sprayed with a drop size no greater than 1 mm. these jets are not used to create great jet height but rather large volumes in water fountains. when these volumes are created, the lighting manages to totally change the appearance of the fountain during the day and at night, providing two different effects.

Spraying jet

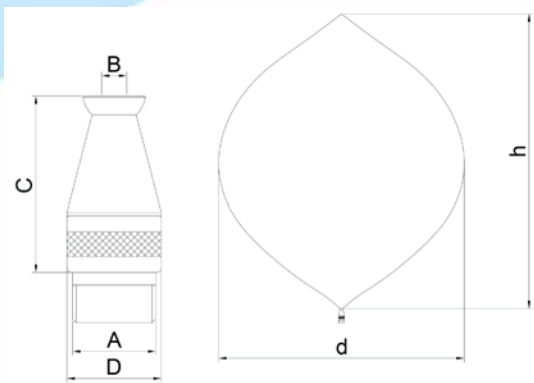
As the name suggest, the aim of this fountain nozzle is to generate a large volume of water spray or mist. the aim is not to create great heights but rather large volumes, making it particularly suitable for architectural fountains lit up at night by our underwater spotlights. it should not be installed in open places and in any case, only at a low height combined with other higher patterns.



CHROME

IN STOCK

Brass



- Water appearance ★★★★★
- Wind resistance ★★★★★
- Splash ★★★★★
- Sound level ★★★★★
- Visibility ★★★★★

Dimensions					Performance									
Reference	Connection A BSP/NPT	Outlet (mm) B	Length (mm) C x D	Weight (kg)	Diameter (cm) d	100	150	200	250	300	400	500	600	700
F2523802	G 3/8" F	Ø5	37x 18	0,05	Height/ (m) h	1,00	1,25	1,50						
					l/min	4,50	5,00	5,60						
					m.c.a	4,60	5,80	7,00						
F2521203	G 1/2" M	Ø6	43x 23	0,09	Height/ (m) h			1,00	1,50	2,00				
					l/min			5,60	8,00	9,50				
					m.c.a			3,70	6,40	8,70				
F2523407	G 3/4" M	Ø8	56x 30	0,18	Height/ (m) h				1,00	1,15	1,50	2,00		
					l/min				7,90	8,80	11,50	13,00		
					m.c.a				4,20	4,90	9,20	14,00		
F2521001	G 1" M	Ø10	76x 36	0,28	Height/ (m) h					1,00	1,50	1,85	2,00	
					l/min					11,00	16,00	19,50	21,00	
					m.c.a					4,00	7,60	9,30	13,00	
F2521405	G 1 1/4" M	Ø12	92x 46	0,61	Height/ (m) h						1,00	1,50	1,80	2,00
					l/min						17,00	21,00	24,00	27,00
					m.c.a						5,00	7,00	9,00	11,50

Spraying clouds

This fountain nozzle is a water manifold on which several spray nozzle heads are fitted. the aim is to create a large volume of water spray, which is particularly attractive lit at night in architectural fountains the type of prevailing wind at the installation site should be taken into account and the water fountain provided with automatic water re-filling, to avoid the risk of the pond running dry.







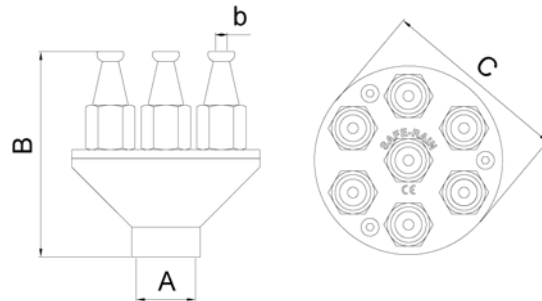
CHROME

IN STOCK

Brass



- Water appearance **Mist**
- Wind resistance 
- Splash 
- Sound level 
- Visibility 



Dimensions					Performance						
Reference	Connection A BSP	Length (mm) Bx C	Outlet (mm) b	Weight (kg)	Height (m)	0,5	1,0	1,5	2,0	2,5	3,0
F3621339	G 1¼" F/	134x Ø132	7x Ø6	2,35	Diam. (m)	1,25	3,25	4,55	5,65	6,55	
					l/min	35	63	102	150	196	
					m.c.a	1,7	2,9	4,9	7,1	9,7	
F3622533	G 2½" F/	211x Ø255	7x Ø10	10,00	Diam. (m)	1,10	3,10	4,30	5,40	6,20	6,90
					l/min	137	210	252	273	294	308
					m.c.a	1,8	3,1	4,4	6,3	8,7	11,9
F3623038	G 3" F/	270x Ø312	7x Ø15	22,00	Diam. (m)	2,10	3,30	4,40	5,10	5,60	6,00
					l/min	210	315	392	448	490	532
					m.c.a	2,5	4,4	7,1	10,4	14,7	20,5

Spherical shapes

Water sphere
Water hemisphere



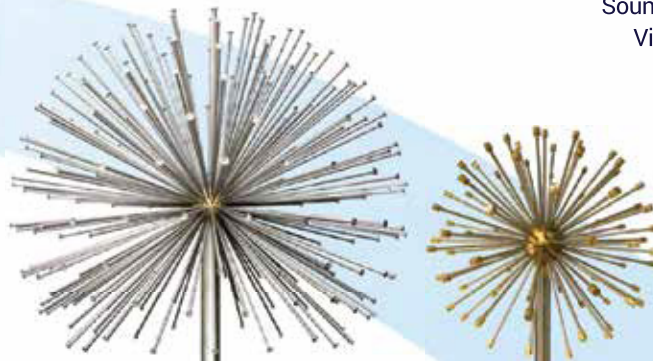
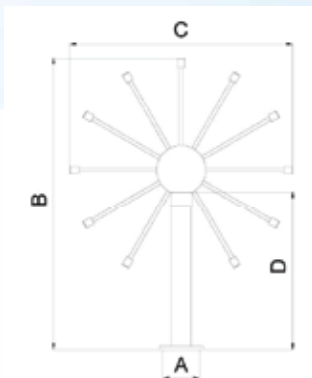
This type of fountain nozzle requires a separate mention given its special appearance and performance. It could be catalogued as crystalline transparent water, but the end result is the combination of hundreds of discs that create a remarkable spherical (or semi-spherical) volume of water. It forms an extremely large column when it falls.

Water sphere

The aim is to generate a spherical pattern and a high volume column of water when the water falls. Each fountain nozzle produces an outlet disc that joins the ones around it to create fascinating patterns. An entire series of sizes is available, which makes it suitable for use in both small indoor fountains and large outdoor water features.

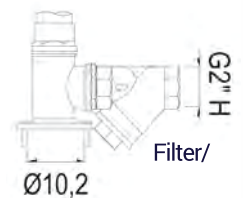


Brass + Stainless steel



- Water appearance: Clear
- Wind resistance:
- Splash:
- Sound level:
- Visibility:

Minisphere
Mini hemispheres



	MINI-WATER SPHERES			WATER SPHERES					
Reference/	F2552016	F2552027	F2552038	F2563018	F2563029	F2564019	F2564021	F2564032	
Connection/	A	G 2" F/ BSP	G 2" F/ BSP	G 2" F/ BSP	DN 80	DN 80	DN 100	DN 100	DN 100
Length/ (cm) B x C	120 x Ø60	150 x Ø75	180 x Ø90	180 x Ø90	240 x Ø120	300 x Ø150	480 x Ø240	600 x Ø300	
Length/ (cm) D	83	105	128	127	172	214	349	439	
Spokes number/	39 x Ø10 mm	85 x Ø10 mm	115 x Ø10 mm	36 x Ø16 mm	76 x Ø16 mm	146 x Ø16 mm	221 x Ø16 mm	246 x Ø16 mm	
Flow/ (L/min)	117	255	345	360	760	1460	2210	2952	
Pressure/	3,60	4,00	4,50	3,90	4,80	5,70	7,40	9,20	
Material/	Brass/	Brass/	Brass/	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel	
Weight/ (kg)	18 kg	19 kg	20 kg	20 kg	43 kg	76 kg	129 kg	174 kg	

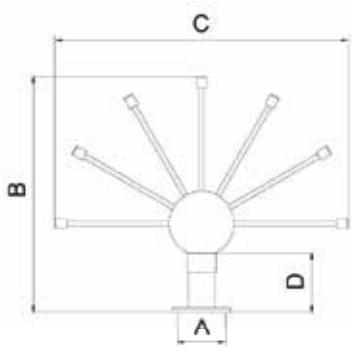
Water hemispheres

The main difference between water hemisphere and water spheres is that the water outlet pattern only covers the top half of the sphere. This enhances the cone of falling water, as the lower hemisphere does not interfere with its operation. The basic operating system is the same as for full spheres and it also comes in a wide range of sizes for use in small or large indoor fountains and outdoor water features.



Brass + Stainless steel

AISI 304 **ON STOCK**



Water appearance	Clear
Wind resistance	☆☆☆☆☆
Splash	☆☆☆☆☆
Sound level	☆☆☆☆☆
Visibility	☆☆☆☆☆

	MINI-WATER HEMISPHERES			WATER HEMISPHERES				
Reference/	F2572018	F2572029	F2572031	F2583011	F2583022	F2584012	F2584023	F2584034
Connection/ A	G 2" F/ BSP	G 2" F/ BSP	G 2" F/ BSP	DN 80	DN 80	DN 100	DN 100	DN 100
Length/ (cm) B x C	60 x Ø60	75 x Ø75	90 x Ø90	90 x Ø90	120 x Ø120	150 x Ø150	240 x Ø240	300 x Ø300
Length/ (cm) D	23	30	38	37	52	64	109	139
Spokes number/	24 x Ø10 mm	52 x Ø10 mm	64 x Ø10 mm	26 x Ø16 mm	46 x Ø16 mm	91 x Ø16 mm	126 x Ø16 mm	136 x Ø16 mm
Flow/ (L/min)	72	156	192	312	552	1092	1512	1632
Pressure/	3,00	3,25	3,60	3,00	3,60	4,20	6,20	6,20
Material/	Brass/	Brass/	Brass/	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel	Brass + Stainless steel
Weight/ (kg)	14 kg	16 kg	18 kg	15 kg	22 kg	41 kg	77 kg	98 kg

Bespoke nozzles

DISTRIBUTION BOXES

1- CHOOSE A SIZE

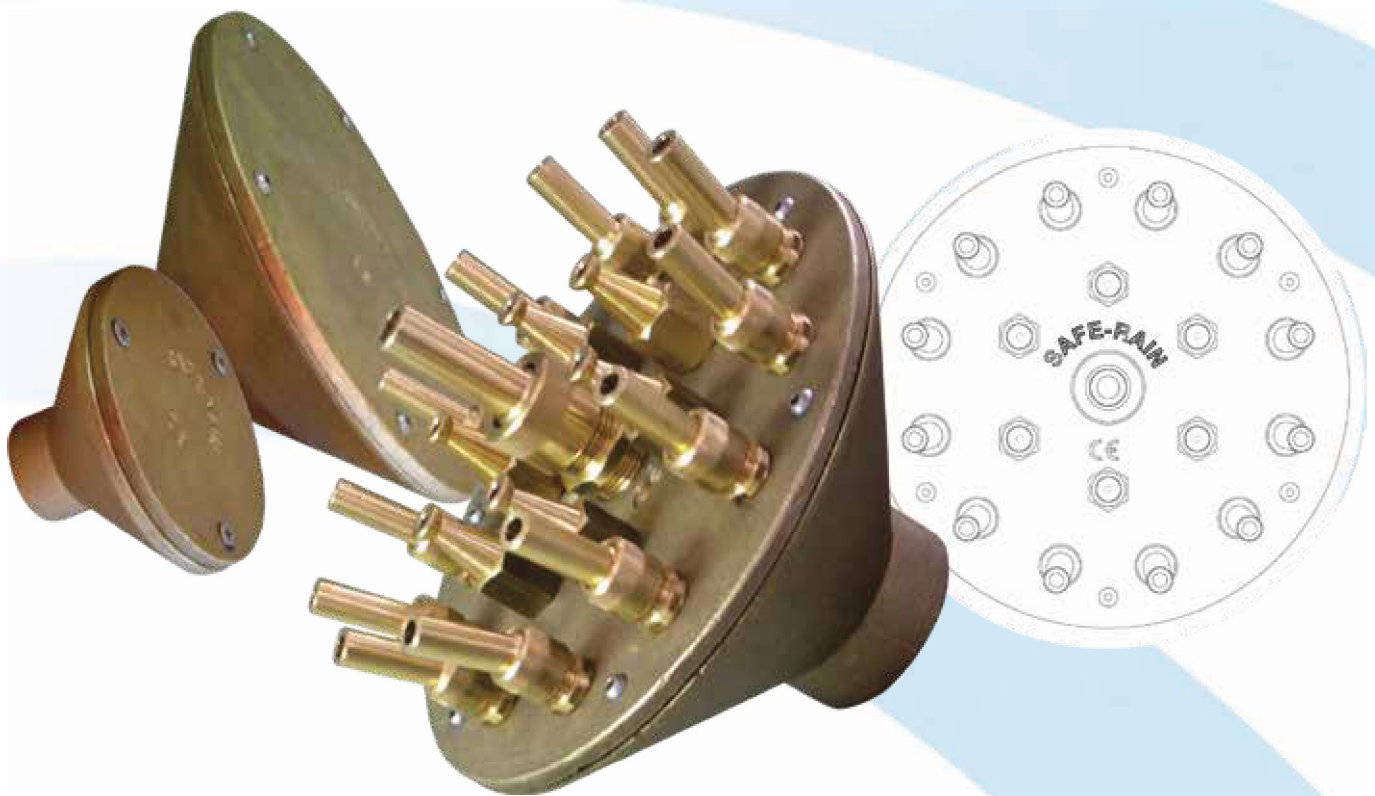
Choose in between our distribution boxes sizes.

2- MAKE A DESIGN

Choose nozzles and their position from our catalogue. (Technical advice will be given for proper performance)

3- MANUFACTURE

Product will be delivered reviewed and tested.



Our distribution boxes are specifically designed to obtain bespoke water features that suits your needs, due to the top cover, you can put different water effects in a the architectural fountain. This product leaves the door open to your imagination to get in a single component the desired water jets.

Beginning with distribution boxes we obtained different products like spraying clouds, palm tree nozzle or special crowns, all of them are a clear example of the wide variety of water effect you can get.

FOUNTAIN LIGHTING

Ocean LED light

Sea LED ring

Lake LED light

PAR38 light

Dichroic lightfixtures

PAR56 light

3 Dichroic ring

River LED Strip



When it comes to fountain lighting, a distinction can be made between lights using LED (light Emitting Diode) technology and incandescent lights. In absolute terms, it is still not possible to achieve the same lighting values with LED lights as it is with incandescent lights. However, in relative terms (lumens emitted per consumed watt), it is worth highlighting that the predominant trend is clearly in favour of LED lighting. Applying every outlined above to the fountain lighting we generally recommend the use of LED fountain lights to light up water jets with a height of up to 10m or large volumes of water, compared to incandescent light that reaches an optimal performance with water jets of a greater height.

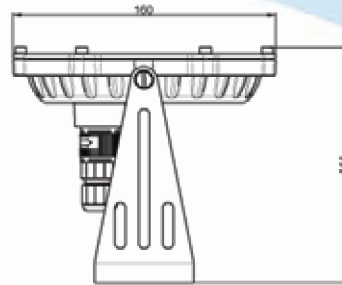
Ocean LED light

The Ocean submersible LED light is the result of our constant search for excellence. Lighting available in 36W LED High performance, optional RGB and WHITE, also 10° or 30° lenses, IP 68 connector included. Manufactured in brass and stainless steel AISI-304, New slim design, is strong and very light, IP68 certified high heat dissipation, thanks to the large contact area.



Certifications

IP68 CE



Light charts

Spot/ Intensivo (Beam 10°)					Flood/ Extensivo (Beam 30°)				
Color	White/ Blanco		RGB		Color	White		RGB	
Distance/	Beam/	Centre/	Beam/	Centre/	Distance/	Beam/	Centre/	Beam/	Centre/
1 m	Ø 0,24	16808 lx	Ø 0,21	12063 lx	1 m	Ø 0,34	10171 lx	Ø 0,30	6095 lx
2 m	Ø 0,48	4202 lx	Ø 0,42	3016 lx	2 m	Ø 0,68	2543 lx	Ø 0,59	1524 lx
3 m	Ø 0,73	1867 lx	Ø 0,63	1340 lx	3 m	Ø 1,03	1130 lx	Ø 0,89	677 lx
4 m	Ø 0,97	1050 lx	Ø 0,84	754 lx	4 m	Ø 1,37	636 lx	Ø 1,19	381 lx
5 m	Ø 1,21	672 lx	Ø 1,05	482 lx	5 m	Ø 1,71	407 lx	Ø 1,49	244 lx
7 m									

Electrical data								Details		
Reference/	Power/	Voltage/	Beam angle/	Color/	LEDs Num./	Lumens/	Life span/	Material/	Weight/	Elect. connection/
F5220202	36 W	24V DC	10°	White 6500K	12	1486 lm	40000/hrs	STAINLESS STEEL AISI-304 - BRASS/	1,63 kg	Plug & Socket / Conector enchufable IP68 Connector H05RR-F/ H05RN-F H07RR-F/H07RN-F Ø 7 - Ø12
F5220213			30°			1524 lm				
F5225207			10°	702,9 lm						
F5225218			30°	702,3 lm						

Led ring SEA Series

New generation of the LED corona SEA, made of brass and ASI - 304 stainless steel, offers a 1 "H threaded connection for a nozzle to be mounted directly, and one of 1 ½"H for the water inlet, designed for the light beam to shine from behind the water jet accurately and effectively. we have increased the options by incorporating new and more efficient LED circuits that deliver 566 lumens -, SEA 250 RGB; 896 Lm, - SEA 500 RGB; 1,200 Lm SEA 500 White. in addition, thanks to the lens angle of 10° or 30°, we manage to optimize the range and intensity of the light source. its optimized and elegant finish is complimented with high performance, enjoying a useful life far superior to any other component of the ornamental fountain.



PRODUCT FEATURES

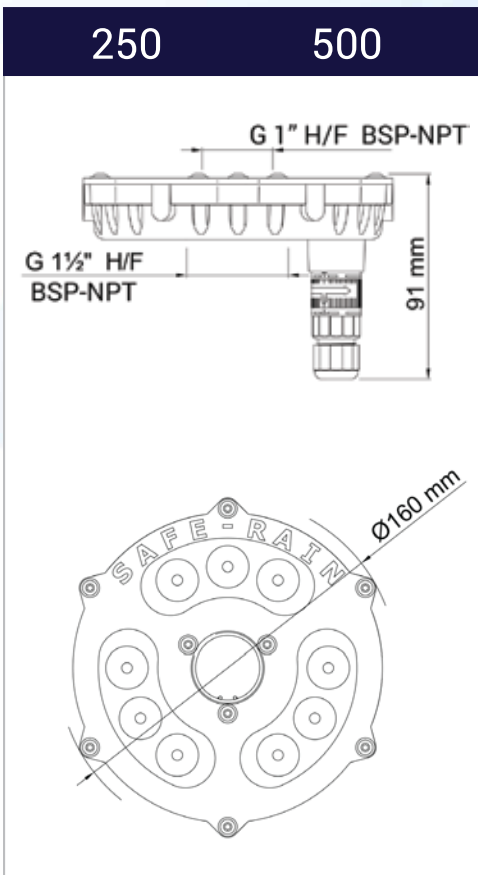
- Brass body with top cover in stainless steel AISI 304.
- Light fixture designed for optimum heat transferal, which considerably extends the useful life of the LEDs as well as maintaining their high performance.
- IP 68 certificate granted by accredited external laboratory.
- Different input voltages of 12V and 24V.
- 100% safe connections.
- 9 high performance LEDs.
- Controllable by PWM and DMX.
- RGB, RGBW and white lighting.
- LEDs self-protected by reverse polarity.
- 1 "M BSP/NPT top thread for nozzles.
- Lower 1-1/2 "H BSP/NPT thread as for water inlet.

SEA LED Fountain Ring/Corona de LED SEA

Electrical data

Reference	Model	Colour	Beam angle	Maximum luminous flux/	Power consumption	Voltage	Electrical connection	Weight
F5715145	250	RGB	10°	566 lm	17W	12/24V DC	Plug & Socket IP68 Connector H05RR-F/H05RN-F H07RR-F/H07RN-F Ø7 - Ø12	1,2 kg
F5715156			30°					
F5710746	500	White Blanco 3000K	10°	1200 lm	21W			
F5710757			30°					
F5710149	500	White Blanco 6500K	10°	1200 lm	21W			
F5710151			30°					
F5715549		RGB	10°	896 lm	22W			
F5715551			30°					

Dimensions



Light charts

		250		500	
		RGB	White Blanco 3000 K	White Blanco 6500 K	RGB
10°		Center	Center	Center	Center
Distance	Beam diameter	Center	Center	Center	Center
1 m		Ø 0,17	10769 lx	12948 lx	20264 lx
2 m		Ø 0,35	2692 lx	3237 lx	5062 lx
3 m		Ø 0,52	1197 lx	1439 lx	2250 lx
4 m		Ø 0,70	673 lx	809 lx	1265 lx
5 m		Ø 0,87	431 lx	528 lx	810 lx
6 m		Ø 1,05			562 lx
7 m		Ø 1,22			413 lx

		250		500	
		RGB	White Blanco 3000 K	White Blanco 6500 K	RGB
30°		Center	Center	Center	Center
Distance	Beam diameter	Center	Center	Center	Center
1 m		Ø 0,53	4832 lx	8051 lx	7969 lx
2 m		Ø 1,07	1208 lx	2013 lx	1992 lx
3 m		Ø 1,61	537 lx	895 lx	885 lx
4 m		Ø 2,14	302 lx	503 lx	498 lx
5 m		Ø 2,68		322 lx	319 lx
6 m					
7 m					



LAKE LED light Series

Our LAKE light with submersible LED technology, crafted from IP68 stainless steel and designed expressly for fountain lighting, ponds and gardens, houses a high performance AR-111 LED bulb. It is manufactured from 1 mm sheeting using a stainless steel stamping process, making it both extremely light and resistant to corrosion and aging processes.



Certifications/

IP68 CE



PRODUCT FEATURES

- Fabricado en acero Inoxidable AISI 304
- IP 68 Certificado por laboratorio externo
- Iluminación RGB, blanca 6000K y blanca 3000K
- Versatilidad de instalación al disponer de modelos con 2PG entradas/salidas posibilitando la conexión en paralelo. Tapón final también suministrado.
- Conector IP 68 con protección adicional X-dry que asegura una barrera para la entrada de condensación.
- LEDs de última generación y elevado rendimiento lumínico.
- Disponibles con lentes de 10° o 30°
- LED's auto protegidos de polaridad inversa
- Tensiones de entrada de 12 y 24Vdc
- Gran superficie de evacuación de calor, dando durabilidad a los leds

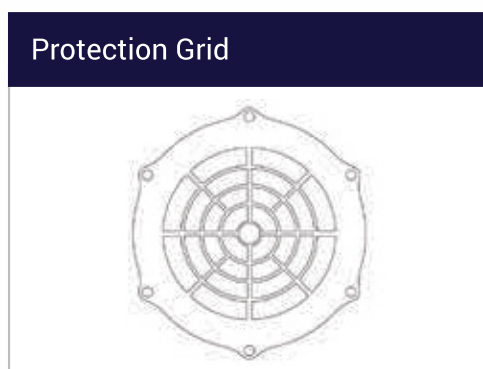
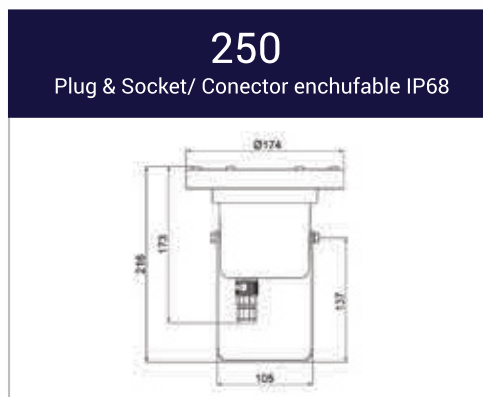
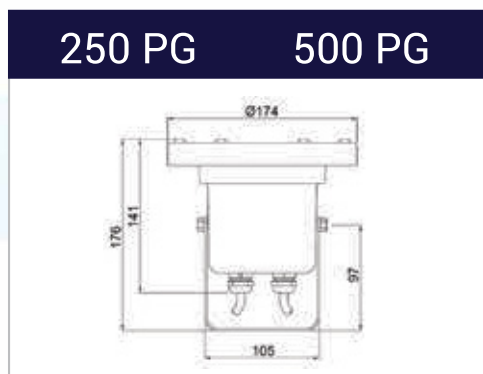
LAKE LED light Series

Electrical data											
Reference	Model	Colour	Beam angle	Lumens	Power	Voltage	Lamp	Electrical connection	Outlet N° and type	Weight	Material
F5200031	250	White/ 6500K	10°	772 Lm	11W	12/24V DC	F5643044	G 53 Lamp	* 2 x PG 16 Type of cable**/ Tipo de cable** Ø6/9/12	1,7 kg	Stainless steel AISI-304/ Acero Inoxidable AISI-304
F5200029			30°				F5643011				
F5205058		RGB	10°	635 Lm	13,2W		F5643551	R, G, B, COM Lamp			
F5205047			30°				F5643527				
F5185135		10°	593 Lm	27W	-		R, G, B, COM Connector/ Conector	1 x Plug & Socket/ Conector enchufable IP68 Connector Type of cable**/ Tipo de cable ** Ø7-Ø12			
F5185113		30°			-						
F5207038	500	White/ 3000K	10°	1150 Lm	13,2W	F5643088	G 53 Lamp	* 2 x PG 16 Type of cable**/ Tipo de cable** Ø6/9/12			
F5207027			30°			F5643066					
F5200007	Without lamp							-		1,4 kg	

*Optional

Add "P" letter at the end of the reference

Dimensions



Light charts

		10°				
		250		500		
		White 6000K	RGB 635 Lm	RGB 593 Lm	White 3000K	
Distance	Beam	Center	Center	Center	Center	
1 m		Ø 0,22	8100 lx	9220 lx	10236 lx	8800 lx
2 m		Ø 0,45	2025 lx	2305 lx	2559 lx	2220 lx
3 m		Ø 0,68	900 lx	1024 lx	1137 lx	978 lx
4 m		Ø 0,91	506 lx	576 lx	640 lx	550 lx
5 m		Ø 1,13	324 lx	369 lx	409 lx	352 lx

		30°				
		250		500		
		White 6000K	RGB 635 Lm	RGB 593 Lm	White 3000K	
Distance	Beam	Center	Center	Center	Center	
1 m		Ø0,34	6376 lx	6592 lx	4866 lx	7540 lx
2 m		Ø0,69	1594 lx	1648 lx	1216lx	1885 lx
3 m		Ø1,04	708 lx	732 lx	540 lx	838 lx
4 m		Ø1,38	398 lx	412 lx	304 lx	471 lx
5 m		Ø1,73	255 lx	264 lx	194 lx	302 lx



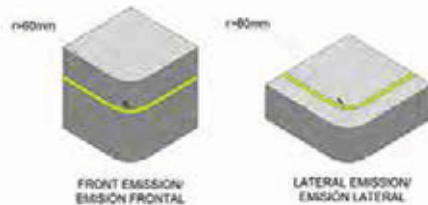
River LED Strip

SAFE RAIN's range of RIVER LED Strip offers solutions fully adapted to ornamental fountains and swimming pools. manufactured by double extrusion giving them IP 68 protection and IK8 Resistance to impact, the possibility of manufacturing strips of almost any lenght (custom - made) ensures the success of the installation, avoiding areas without light emission, and optimizing the installation by the product to each requirement. we have lighting, White 3000k, 6000k, and RGB also with IP67 degree of protection.

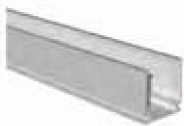


Certifications/

IP67 IP68



Clamps



Low profile/



High profile/



Mouldable profiles/



Metal clamp

Light emission	Reference	Protection	Color	Power	Lumens	Efficiency	Angle	
	F5551503	IP68	RGB	12	280	23,3	120°	
	F5551301		White/ Blanco 3000K	9,6	580	60,4		
	F5551108		White/ Blanco 6000K	9,6	580	60,4		
		F5553505	IP67	RGB	12	250	20,8	120°
		F5553303		White/ Blanco 3000K	9,6	660	68,7	
		F5553101		White/ Blanco 6000K	9,6	660	68,7	
	F5552504	IP68	RGB	12	280	23,3	120°	
	F5552302		White/ Blanco 3000K	9,6	490	51,0		
	F5552109		White/ Blanco 6000K	9,6	510	53,1		
		F5554506	IP67	RGB	12	200	16,6	120°
		F5554304		White/ Blanco 3000K	9,6	530	55,2	
		F5554102		White/ Blanco 6000K	9,6	530	55,2	
Working temperature : -25°C/60°C				All the above references are 1m long. For other lengths, please consult us.				

Water pumps

Standard submersible pumps
Professional submersible pumps



We know that the water pump is the heart of an ornamental fountain. To talk about the water pumps that safe-rain distributes, is to talk about reliability, resistance, durability, efficiency and unbeatable performance, backed by more than 30 years of experience.

We have the ideal pump for each use with the fountain dynamic effects with or without jet height modulation for dynamic fountains either for moderate use or for dynamic fountains either for moderate use or for very demanding and precise use as may be required in a musical fountain, static effects commonly used in classical fountains.

The appropriate choice of pump becomes a relevant factor both in the development of the effects and in the energy efficiency of a fountain, our technical and commercial team has a great training and will give advice and guide you in the choice of the water pump that best suits the needs of your ornamental fountain project.

STANDARD SUBMERSIBLE PUMPS

pump designed to last, made of plastic with single-phase motor, small dimensions and great performance. can be installed both submerged and dry by vaccumming from a pond or reservoir. ideal for static effects, waterfall weir, water wall, water falls. we have a wide range that allows us to cover a wide vareity of requirements



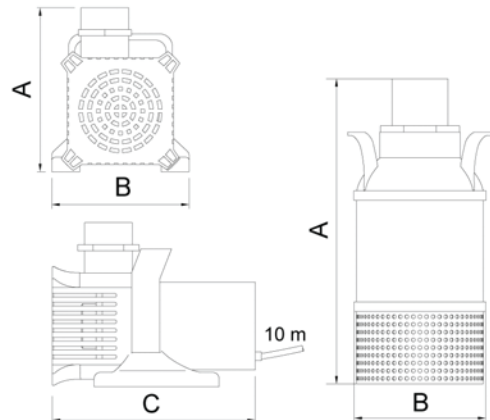
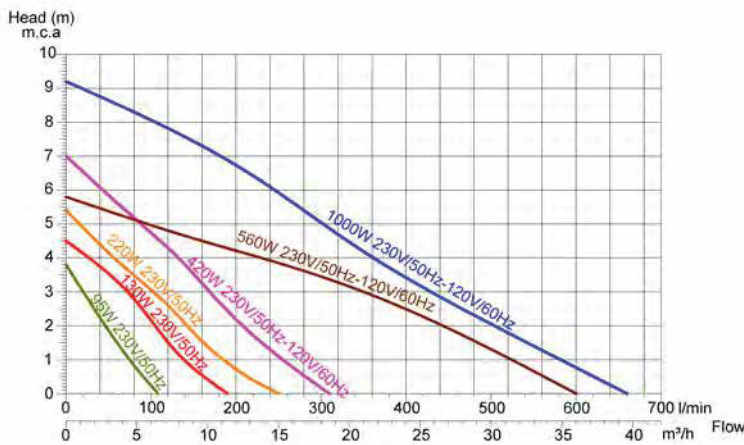
Certifications/

IP68 CE UL



* Measure with BSP thread adapter

Measures



Reference	Power	Voltage	Pump outlet		Max. flow/	Max. pressure	Measure A	Measure B	Measure C	Weight
	W	V/ Hz	BSP	NPT	l.p.m.	m.c.a.	mm	mm	mm	kg
F6524908	95	230/50	G 1½" M - F/		110	3,8	149	127	207	4,0
F6524403	130	230/50	G 1½" M - F/		190	4,5	171	146	249	4,9
F6524504	220	230/50	G 1½" M - F/		250	5,4	171	146	249	5,4
F6524605	420	230/50	G 1½" M - F/		310	7,0	195	146	249	6,7
F6526607	420	120/60	G 1½" M - F/		310	7,0	195	146	249	6,7
F6524706	560	230/50	G 4" F/ -Ø75	-	600	5,8	486	Ø197	-	9,8
F6526708	560	120/60	G 4" F/ -Ø75	-	600	5,8	486	Ø197	-	9,8
F6524807	1000	230/50	G 2½" M	G 2½" M	660	9,2	208/ *267	224	323	12,7
F6526809	1000	120/60		G 2½" M	660	9,2	208/ *267	224	323	12,7

PROFESSIONAL SUBMERSIBLE PUMPS

With the professional series we want to cover the requirements of the most demanding water effects, offering nickel-chrome stainless steel submersible pumps with stainless steel support/ filter adjustable in height, adjustable leveling and with a sieve of 2.5mm in diameter, allowing both horizontal and vertical installation, ensuring an adequate correct installation and great versatility. The pumped water cooled engine by sliding between the engine jacket and the outer jacket and the double seal on the shaft with intermediate oil chamber, ensure great durability optional reinforced winding. The safe rain professional series of submersible pumps for fountains provides specific solutions adapted to the requirements that ornamental fountains demand today.

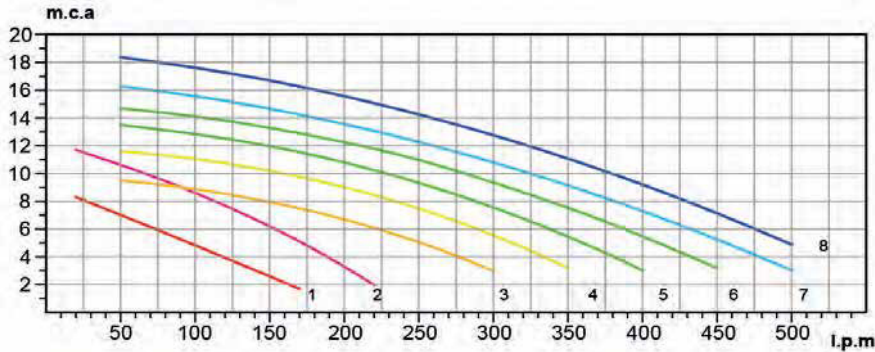
Certifications

IP68 CE



PROFESSIONAL SUBMERSIBLE PUMPS

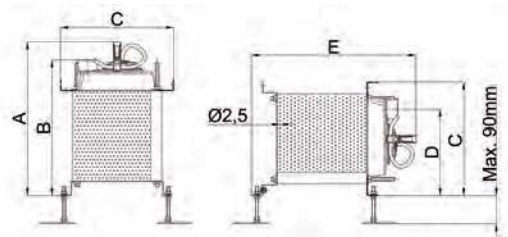
50Hz



- 1.
- 4.
- 7.
- 2.
- 5.
- 8.
- 3.
- 6.



Measures/ Vertical install./Inst. Vert. Horizontal install./Inst. Hor.



Reference/	Power/		Voltage/ V/ Hz	Cable length/ m	Type o cable/	Cable section/ mm ²	Pump outlet/ BSP-NPT	Max. flow/ l.p.m.	Max. pressure/ m.c.a.	A mm	B mm	C mm	D mm	E mm	Weight/ kg			
	W	Hp																
F6557174	250	0,33	230/50	5	H05RN-F	3G 0,75	G1 1/4" F/	170	8,3	306	260	254	183	336	8,8			
F6557376			3x400/50			4G 0,75									8,9			
F6557196	450	0,60	230/50			10		H07RN-F	3G 1	G1 1/2" F/	220	11,7	342	305	183	372	10,8	
F6557398			3x400/50						4G 1								10,8	
F6557117	450	0,60	230/50	10	H07RN-F		3G 1		G1 1/2" F/		300	9,5	400	350	306	232	430	13,2
F6557319			3x400/50				4G 1											13,2
F6557128	550	0,75	230/50			10	H07RN-F	3G 1		G1 1/2" F/	350	11,6	415	365	306	232	445	17,5
F6557321			3x400/50					4G 1										18,6
F6557139	750	1,00	230/50	10	H07RN-F			3G 1	G1 1/2" F/		400	13,5	440	390	306	232	470	18,8
F6557331			3x400/50					4G 1										20,0
F6557141	900	1,20	230/50			10	H07RN-F	3G 1		G1 1/2" F/	450	14,7	440	390	306	232	470	18,9
F6557343			3x400/50					4G 1										20,8
F6557151	1100	1,50	230/50	10	H07RN-F			3G 1,5	G1 1/2" F/		500	16,3	460	410	306	232	490	20,8
F6557354			3x400/50					4G 1										22,9
F6557163	1500	2,00	230/50			10	H07RN-F	3G 2,5		G1 1/2" F/	500	18,4	460	410	306	232	490	22,3
F6557365			3x400/50					4G 1										25,8

WATER CURTAINS

Water curtain

Water wall

Pool waterfalls



Water curtains have historically been very well accepted by urban landscapers and interior decorators, who have used them in many different ways, whether creating attractive outdoor water walls or as part of interior water walls.

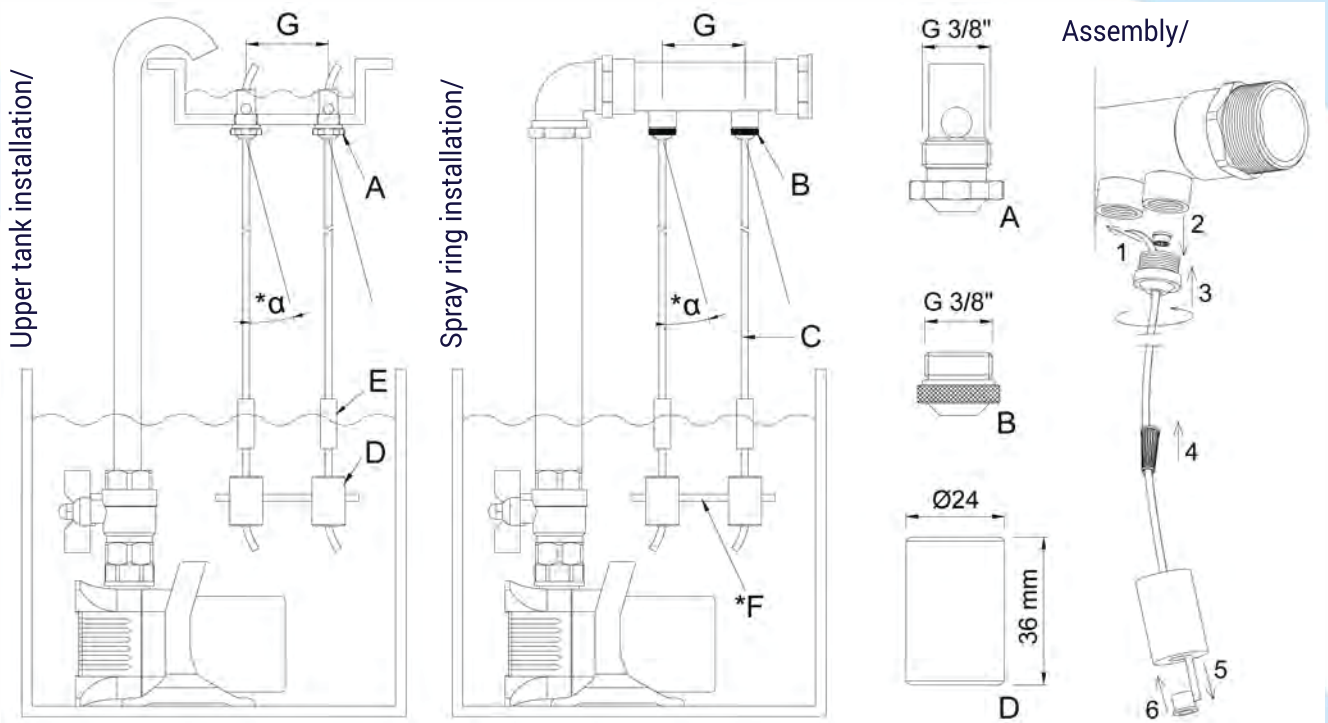
we have always sought to give them a relaxing effect and as such we can find interior water walls decorating various locations, such as offices shopping centers and even homes.

WATER CURTAIN

The outflowing water runs continuously over the plastic sheet, which can even be fitted at an angle of 15° with out the drop of water falling. a counterweight is fitted at the end of the plastic sheet so that the thread is taut at all times. it is only used in indoor decorative fountains, small installations ot large shopping centres to decorate stairways or such like.



ON STOCK



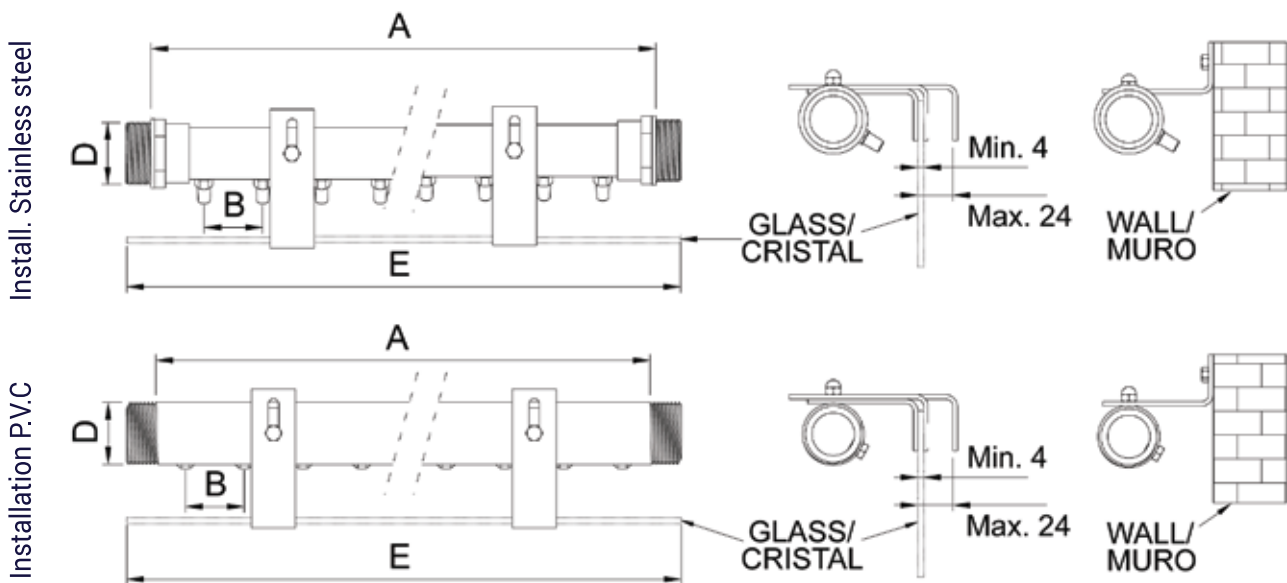
(*) α Max 15°. Use lace spacer/

F

	Tank nozzle & Clunch cap/ A	Spray ring nozzle & Clunch cap/ B	Mylar lace roll/ C	Counterweight & Clunch cap/ D	Splash supre- sor/ E	
Reference/	F2720013	F2723804	F2720068	F2720079	F2720024	F2720046
Dimensions/	Flow/	0,5 l/min	Lenght/		-	-
	Outlet Diameter/ mm	Ø5	75 m	100 m	-	-
	Min. Distance/ 30 mm	G	Width and thickness/ 4 x 1 mm		-	-

Water wall

The Water wall is a versatile product that works both as an interior fountain, thanks to its silen operation, as well as for exterior fountains, thanks to its high wind resistance. it is an easily installable fountain kit, ideal for decorating interiors and vertical gardens the water jets can slide like lauers over different surfaces. further more, this water wall is a Low energy consumption.



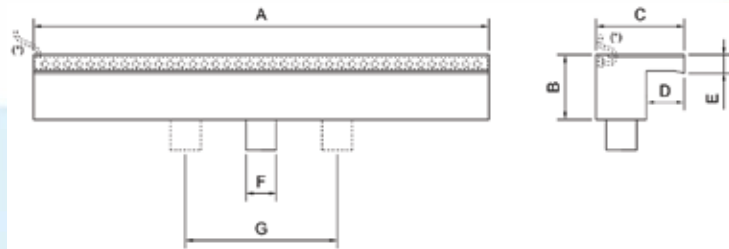
Reference/	F2721003	F2721014	F2721025	F2721104	F2721115	F2721126
Length/ A (mm)	1000	2000	3000	1000	2000	3000
No. nozzles/	24	48	72	24	48	72
Nozzles diameter/	Ø6 mm					
Space between outlets/ B (mm)	40					
Connection/ D BSP	G 1 ¼" M	G 2" M		G 1 ¼" M	G 2" M	
Glass min. length/ E (mm)	1040	2040	3040	1040	2040	3040
Material/	Stainless steel - Brass/			P.V.C - Brass/		
Weight/ (kg)	1,58	4,35	6,44	1,45	4,00	5,96
Flow/ (l/min)	48	103	155	48	103	155
Pressure/ (m.c.a)	0,10	0,12	0,15	0,10	0,12	0,15

Pool waterfall

The pool waterfall weir is a product specially designed for creating swimming pool water falls, for outdoor and indoor areas, thanks to its harmonious and relaxing sound. this waterfall nozzle made in stainless steel, available in different sizes, and as option LED strip White or RGB stylishly integrated, will produce a laminar fall of water easily installable and easy to maintain, thanks to its design ideal to bring style to any pool waterfall or garden fountain and giving a luxurious touch, due to this pool waterfall weir



Measures scheme



ONETOUCH

AISI 316

LED: RGB

Reference		F2722026	F2722037
Length	A (mm)	600	900
	B (mm)	85	85
	C (mm)	116	116
	D (mm)	50	50
	E (mm)	24	24
Inlet connection	F	G1" BSP/NPT F	2 x G1" BSP/NPT F/
Length	G (mm)	-	300
Material		Stainless steel (AISI-316)	Stainless steel (AISI-316) /
Weight		2,3 kg	3,4 kg
Max. height advisable		0,75 m	0,90 m
P (m.c.a.)		0,6	0,6
Q (l/min)		40-65	80-120

Lighting/

Reference/	F2722162	F2722263	F2722566	F2722173	F2722274	F2722577
Color/	White/	White/	RGB	White/	White/	RGB
Voltage/	24 V dc					
Power/	9,6 W/m	9,6 W/m	12 W/m	9,6 W/m	9,6 W/m	12 W/m
Length cable/	1m					
Length/ A (mm)	600mm			900mm		

SPRAY RINGS

- Circular fountain ring
- Polygonal fountain ring
- Articulated fountain ring
- Jet pipe stocks



By working closely with our customers for many years, we have been able to develop fountain spray rings that meet the needs of all architectural fountains, creating almost any geometrical shape: circle patterns of any diameter, a number of pipe stocks or rows of water jets or articulated polygons that allow multi-sided patterns to be created in any shape and with any number of sides (the geometrical shape can be adapted to the geometry of the water fountain basin.) in all cases, not only the diameter but also the number of jets and inlets can be specified for all fountain Rings

Circular Fountain Ring

Circular fountain rings are manufactured as a single part and do not require any joints when fitting they are made of stainless steel piping in two diameter sizes:

- Ø 35 mm and 4 connections x 1" M
- Ø 54 mm and 4 connections x 1 1/2" M

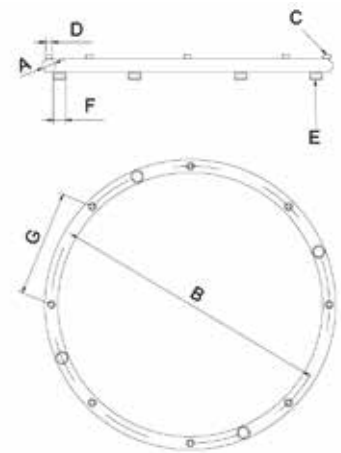
Fountain rings measuring Ø35 mm are available in 0.75m and 1.00 m diameter sizes, while Ø 54 mm rings can be 1.00 m or 1.50 m. The outlets used are brass end fitted with 3/8" F or 1/2" to be installed.

The number of outlets you choose can be either a pre fabricated standard or made to order. contact us we will study the best alternative for you.

OUTSTOCK



Dimensions/



Reference/	F3110815	F3111614	F3111221	F3112424	F3120816	F3121615	F3121222	F3122425	F3143226	F3144824	F3144835	F3147232	F3132426	F3133225	F3133236	F3134834	F3150819	F3151629	F3151631	F3152441		
Measures/	Ø35								Ø54													
Pipe diameter/ A (mm)	Ø35								Ø54													
Ring diameter/ B (mm)	Ø750		Ø1000		Ø750		Ø1000		Ø1000		Ø1500		Ø1000		Ø1500		Ø750		Ø1000		Ø1500	
No. outlets/ C	8	16	12	24	8	16	12	24	32	48	48	72	24	32	32	48	8	16	16	24		
Outlet diameter/ D	G3/8" F/				G½" F/				G3/8" F/				G½" F/				G1" F/					
No. inlets/ E																						
Connection/ F	G1" M BSP-NPT								G1½" M BSP													
Space between outlets/ G (mm)	287	146	259	131	287	146	259	131	98	73	98	65	131	98	147	98	287	195	293	196		

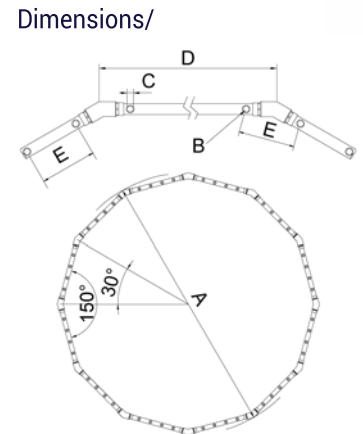
Polygonal Fountain Ring

Polygon-shaped fountain ring is made of stainless steel piping in two diameter sizes:

- Ø 35 mm and 12 connections x 1¼" F
- Ø 54 mm and 12 connections x 2" F

the sides are joined together using a special 150° "T" joint forming a 12 sided polygon. both diameter sizes are available with brass end fittings featuring 3/8" FH 1/2 F, and 1" F gas threads for Ø 54, they are also available with 2" F outlets. this fountain ring must be used when diameter sizes of more than 1 m are required.

All our water manifolds can be manufactured on demand and according to the design of the desired water feature.



PIPE/ TUBO Ø 35 mm Connection G1¼" F/H BSP	Reference	F3201423	F3202132	F3202841	F3200332	F3211424	F3210221	F3212842	F3213022	F3221425	F3222123	F3222832	F3223023
	Measures/												
	Ring diameter/ A (cm)	Ø140	Ø210	Ø280	Ø300	Ø140	Ø210	Ø280	Ø300	Ø140	Ø210	Ø280	Ø300
	No. outlets/ B	24	36	48	36	24	24	48	24	24	24	36	24
	Outlet diameter/ C	G3/8" F/				G½" F/				G1" F/			
	Side length/ D (cm)	36	54	72	78	36	54	72	78	36	54	72	78
Space between outlets/ E (cm)													

PIPE/ TUBO Ø 54 mm Connection G2" F/H BSP	Reference/	F3262735	F3263646	F3264557	F3265468	F3271825	F3272725	F3273636	F3270532	F3281826	F3283637	F3284559	F3285461
	Measures/												
	Ring diameter/ A (cm)	Ø270	Ø360	Ø450	Ø540	Ø180	Ø270	Ø360	Ø500	Ø180	Ø360	Ø450	Ø540
	No. outlets/ B	36	48	60	72	24		36		24	36	60	72
	Outlet diameter/ C	G3/8" F/				G½" F/				G1" F/			
	Side length/ D (cm)	70	93	116	140	47	70	93	129	47	93	116	140
Space between outlets/ E (cm)													

Articulated manifolds

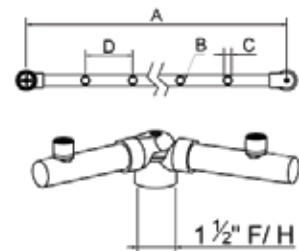
Articulated polygon-shaped water manifolds made from stainless steel with brass connectors. they are made of 35 mm diameter piping with 1 1/2" F connectors. their outlets are brass end fittings with 8/8" or 1/2" F gas threads.

they designed not only to create diverse water distribution patterns, but also to form shapes that are the same as the fountain basins and to produce different water sculptures.

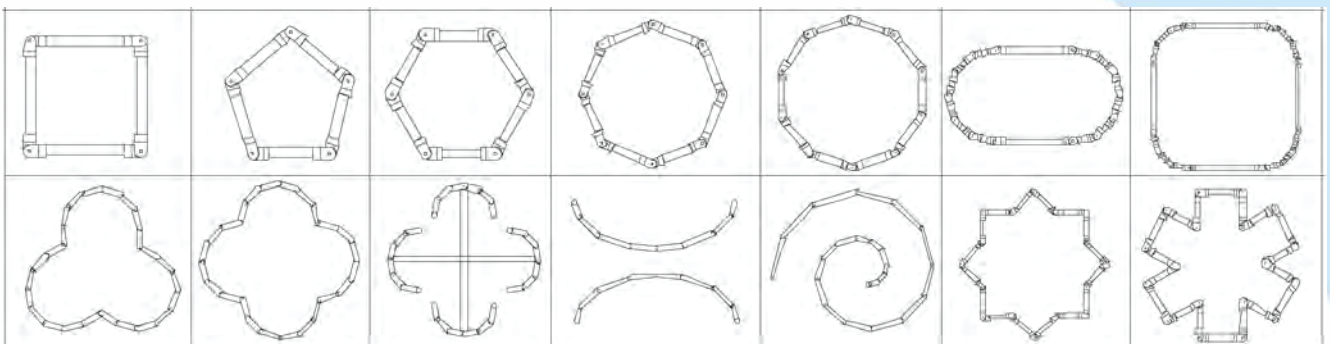
All our water manifolds can be custom made according to the design of the desired water feature.



Dimensions/



PIPE/ TUBO Ø 35 mm Connection G1 1/4" F/H BSP	Reference/	F3720622	F3720925	F3721228	F3721522	F3722128	F3721544	F3721847	F3722141	F3730623	F3730926	F3731229	F3731523	F3732129	F3731545	F3731848	F3732142
	Measures/																
	Side length/ A (cm)	36	54	72	90	126	180	216	252	36	54	72	90	126	180	216	252
	No. outlets/ B	6	9	12	15	21	15	18	21	6	9	12	15	21	15	18	21
	Outlet diameter/ C	G3/8" F/									G1/2" F/						
Space between outlets/ D (cm)	6	6	6	6	6	12	12	12	6	6	6	6	6	12	12	12	



Jet pipe stocks

Jet pipe stocks are made of stainless steel with brass connectors. they are manufactured in two diameter sizes:

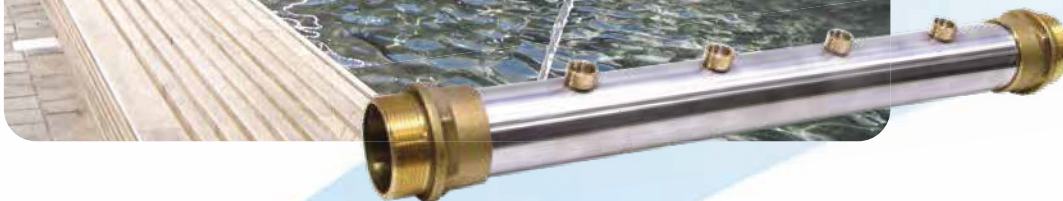
- Ø 35 mm and 1 ¼" m connectors
- Ø 54 mm and 2" m connectors

The outlets for both diameter sizes are made from brass with 3/8" F, 1/2" F or 1" F gas threads, or 2" F only for those with a 54 mm diameter. in very long water fountains, several pipe stocks can be joined together with "T" joints and used as water inlets.

all our pipe stocks can be custom-made according to the design of the desired water feature.



Dimensions/



PIPE/ TUBO Ø 35 mm Connection G1 ¼" M BSP	Reference/	F3820926	F3821523	F3821545	F3822142	F3830927	F3831221	F3832121	F3831546	F3831849	F3841222	F3842122	F3841841	F3842144
	Measures/													
Side length/ (cm)	A	54	90	180	252	54	72	126	180	216	72	126	216	252
No. outlets/	B	9	15	15	21	9	12	21	15	18	12	21	18	21
Outlet diameter/ C		G3/8" F/				G½" F/				G1" F/				
Space between outlets/ D (cm)		6	6	12	12	6	6	6	12	12	6	6	12	12

PIPE/ TUBO Ø 54 mm Connection G2" M BSP	Reference/	F3880629	F3881529	F3881542	F3881845	F3890621	F3891226	F3892127	F3891846	F3892149	F3910926	F3911523	F3912129	F3911545	F3912142
	Measures/														
Side length/ A (cm)		36	90	180	252	36	72	126	216	252	54	90	126	180	252
No. outlets/	B	6	15	15	21	6	12	21	18	21	9	15	21	15	21
Outlet diameter/ C		G3/8" F/				G½" F/				G1" F/					
Space between outlets/ D (cm)		6	6	12	12	6	6	6	12	12	6	6	6	12	12

FOUNTAIN ACCESSORIES/

Hydraulic accessories

Electrical accessories

Junction boxes



Our fountain accessories are specifically designed to make installing, adjusting and maintaining a water feature fountain easier. our bespoke solutions are perfect for all types of water fountains. these fountain accessories make up the rest of the catalog of product necessary for the design and installation of an architectural fountain. you will be able to find any material that you need for the construction of your architectural water feature, ranging from a simple flow stabilizer or bottom water intakes to level sensors or complex bespoke control panels.

Basin drain

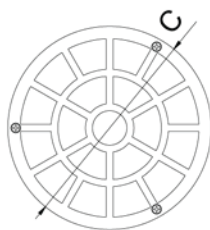
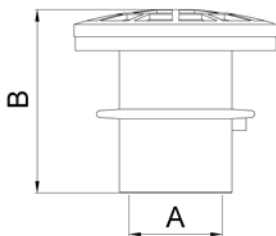
Basic drain are installed during construction at the bottom of the basin or fountain of the architectural water feature for drainage purposes or for the aspiration of the pump unit.

Basic drain can have 2" F or 3" F brass grates or a 2" screw cap. intakes with caps can be used for the assembly of an adjustable overflow to maintain the water level of architectural water features. these can be disassembled when it is necessary to empty the water fountain.

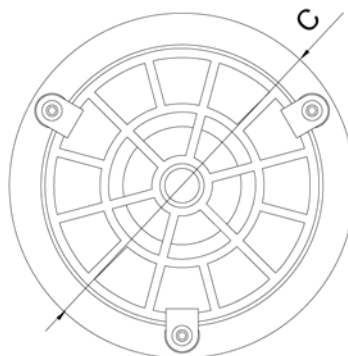
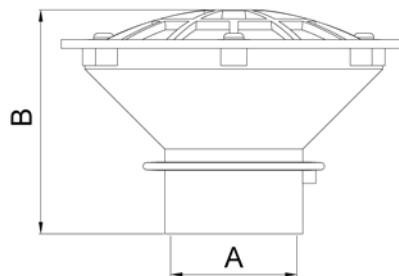
ON STOCK



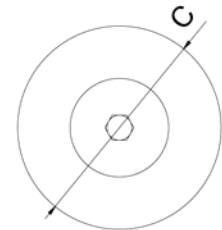
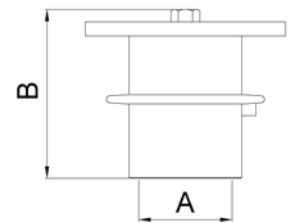
F7462001



F7463002



F7482003

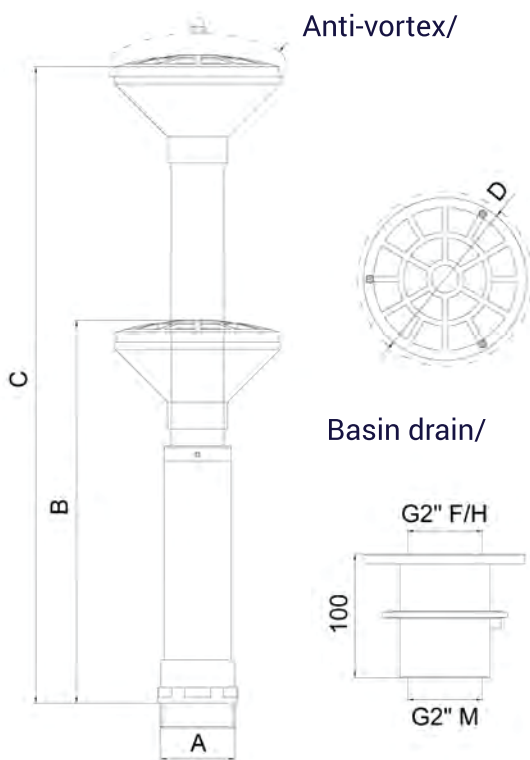


Reference/		F7462001	F7463002	F7482003
Connection/	A BSP	G 2" F/	G 3" F/	G 2" F/
Length/	B (mm)	118	156	110
Length/	C (mm)	Ø132	Ø240	Ø132
Weight/	(g)	1,93	4,50	2,50
Material/		Brass/		

Overflow/

The adjustable overflows maintain the maximum level of water feature; they can be set to adjust the water to desired height which can either be between 30 and 50 cm and 90 cm. optional 2" basin drain so that the overflow can be dismantled if the water fountain needs to be emptied.

ANTI-VORTEX



Reference/	F7432007	F7432018	F7432029	F7432031	F7433008	F7433019	F7472002	F7472013	F7472024	F7472035
Connection/ A BSP	G 2" M	G 2" M	G 2" M	G 2" M	G 3" M	G 3" M	G 2" M	G 2" M	G 2" M	G 2" M
Length/ B (mm)	300	500	300	500	300	500	300	500	300	500
Length/ C (mm)	500	900	500	900	500	900	500	900	500	900
Length/ D (mm)	Ø132	Ø132	Ø139	Ø139	Ø240	Ø240	Ø132	Ø132	Ø139	Ø139
Weight/ (g)	2,15	2,71	2,05	2,61	15,00	16,30	4,00	4,56	3,90	4,46
Material/	Stainless steel - Brass/									
With anti-vortex/										
With basin drain/										

RGB or RGBW DMX controllers

The RGB LED or RGBW LED spotlights from a fountain are managed by RGB or RGBW controllers can achieve hundreds of thousands of colors by the basic color addition method (RGB or RGBW). Mixing a part or the total of each basic color all other colors are obtained. safe rain has controller models that can work autonomously, have pre-programmed output sequences and other models that can also do it in a DMX input and output with these controllers we control bulbs of up to 4 colors, red (R), green (G), blue (B) and white (W). They have 18 sequence already programmed that include the most common color combinations. likewise, both the speed of the changes and the intensity of each color can be regulated separately.



Controlador RGBW DMX F6325356









Controlador RGB DMX F6324265



Controlador RGB F6324276

ON STOCK **LED** **RGBW** **DMX** **PWM**

Technical details/

Reference/	F6325356	F6324265	F6324276
Type/	RGBW	RGB	RGB
Input voltage/	DC 7V - DC 24V	DC 7V - DC 24V	12-24 vdc
Max. load current/	5A/ch x4 Max. 20A	6A/ch x3 Max. 18A	6Ach x 3 18max
Max. load power/	240W (12V) / 480W (24V)	216W (12V) / 432W (24V)	216W (12V) 432W (24V)
Changing modes/	18 modes - 1 mode programable/	18 modes - 1 mode programable/	32 modes/
DMX512 Standard/	DMX512/ 1990	DMX512/ 1990	NA/
DMX512 Sockets/	Green Terminal/	Green Terminal/	NA/
Working temperature/	2° / 40°C	2° / 40°C	-30°C / 55°C
Measures/ (mm)	L175 x W44 mm x H27 mm	L175 x W42 mm x H27 mm	L 211mm W 40mm H 30mm
Weight/	149 g	150 g	240g
Remote control/			
			

Power repeater

If the addition of the powers of the lamps to be governed with each aforementioned controller is bigger than the power that it supports, our signal repeaters can be used. this way a single controller can control as many lamps as the sum of the installed signal repeaters.

DM5104

RGBW

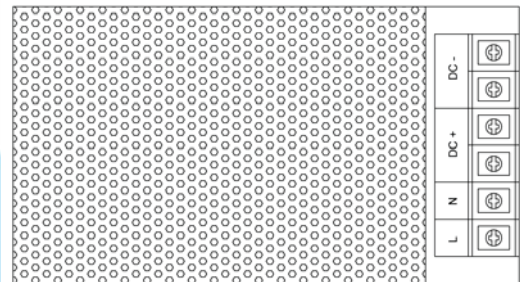
LED



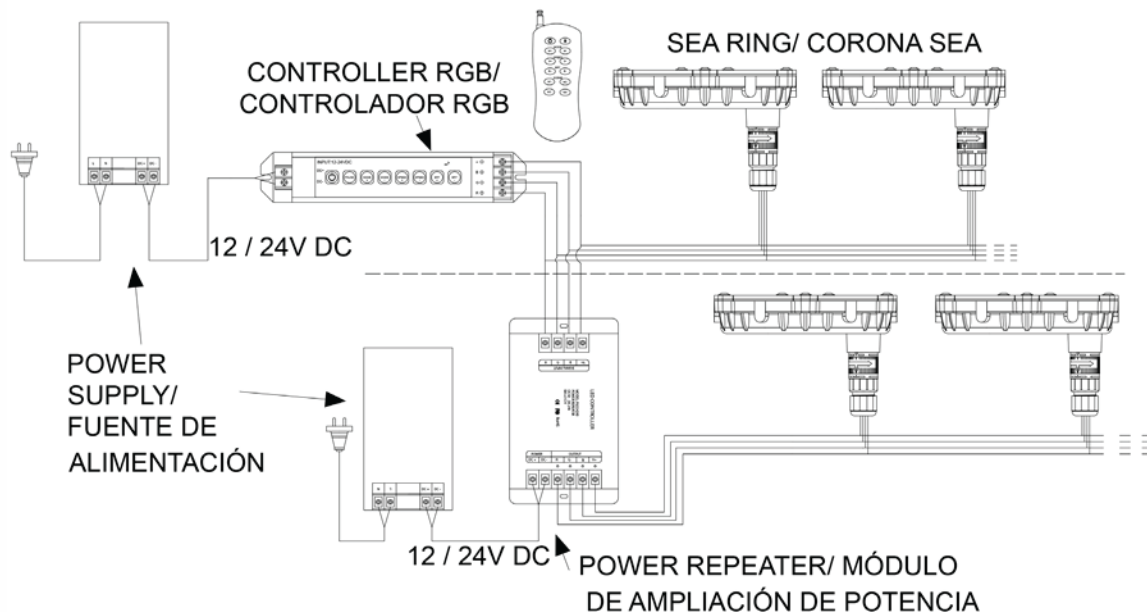
Reference/	F6325345		F6324243	
Type/	RGBW		RGB	
Input voltage/	DC 5V - DC 24V		DC 5V - DC 24V	
Max. load current/	5A/ch x4 Max. 20A		8A/ch x3 Max. 24A	
Max. load power/	240W (12V)/480W (24V)		288W (12V)/ 576W (24V)	
Working temperature/	-30°C 65°C		-30°C 65°C	
Measures/ (mm)	L175 x W44mm x H20 mm		L148 x W87 x H23	
Weight/	141 g		380 g	

Power supply/

Reference/	F6330115	F6330126	F6330137
Input voltage/	220V AC	110 - 220V AC	110 - 220V AC
Output voltage/	24V DC		
Power/	150W	350W	500W
Reference/	F6330014	F6330025	F6330036
Input voltage/	220V AC	110 - 220V AC	110 - 220V AC
Output voltage/	12V DC		
Power/	150W	350W	500W



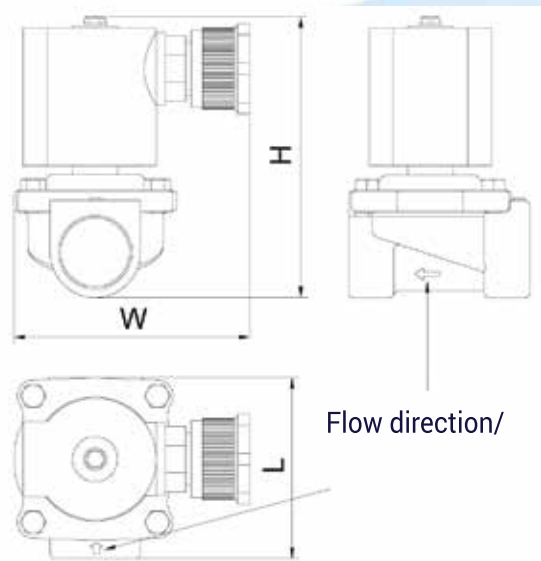
Sample installation/



Underwater solenoid

These underwater electric valves (IP68) are especially suited to controlling water jets in cybernetic fountains. The fact that they are underwater makes the fitter's work much easier as he can use them inside the architectural water feature and does not have to take them to a dry room.

Furthermore, safe rains RDI department is able to design any electric switchboard which controls these electric valves and in this way, produce the desired water effect



Reference/	F7201045	F7201541
Port size/	G1" H-H /	G1½" H-H /
Tensión/	24V DC	
Power/	20W	
Working pressure/	0-5 Atm.	
Response speed /		
Max. working temperature/	60° C	
Type/	Normally closed/	(NC)
Material/	Stainless steel/	AISI-304
Protection/	IP 68	
Length/ (L)	81 mm	121 mm
Width/ (W)	111 mm	122 mm
Height/ (H)	120 mm	150 mm
Weight/	1,2 kg	2,2 kg

Head loss/ (kg/cm²)

Reference/	l/min	75	100	125	150	175	200
	m ³ /h	4,5	6,0	7,5	9,0	10,5	12,0
F7201045	Ø1"	0,30	0,45	0,55	0,83	1,07	-
F7201541	Ø1½"	0,20	0,25	0,35	0,48	0,69	0,94

Anemometer

Wind can cause undesirable effect in a architectural fountain. that is why we have designed an anemometer for architectural fountains that performs three programmable actions depending on the wind speed. thanks to our anemometer for architectural fountains you can schedule actions to take when the wind reaches an excessive speed.



ON STOCK

Reference	Anemometer
F7323884	Anemometer Complete(control module+Cap)
F7323873	Anemometer control Module
F7323838	Cap anemometer

Water level controller



System that automatically control the minimum and maximum water levels of architectural fountains with two electrodes, one for the minimum level and the other for the maximum level. when the minimum water level is reached the solenoid valve connected to the sensors is opened. it closes automatically when the maximum level is reached.

the assembly includes the panel, the 1" 24Vdc solenoid valve and electrodes (cable not included).

ON STOCK

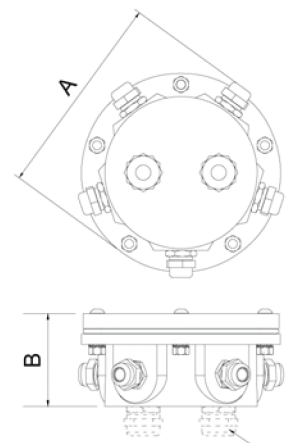
Reference	Water Level Controller
F 7311003	Water level control panel with solenoid valve and sensor

Junction boxes

Underwater junctions are used to make completely safe underwater connections with a protection rating of IP X8.



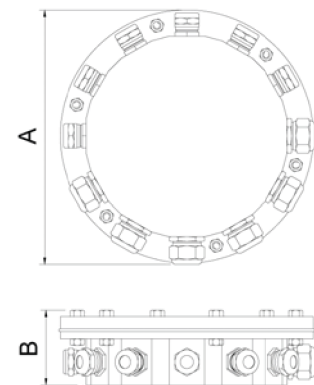
Reference/	F6402306	F6402407	F6402205	F6402508	F6402701	F6404916	F6404938
Model/	2"						
Body material/	ABS				Brass/		
Cover material/	Methacrylate/					Brass/	
Outlet No. and PG type/	5 PG16	5 PG16	5 PG9	4 PG9 1 PG 16	5 PG9 2 PG-11	4 PG16 1 PG 21	4 PG16 1 PG 21
PG Material/	Brass/	Plastic/	Plastic/	Plastic/	Plastic/	Brass/	Brass/
Measure/ A (mm)	Ø128					Ø139	
Measure/ B (mm)	64			82		60	
Weight/ (kg)	0,5			1,6		2,0	



F6402701

Just model/

Reference/	F6411306	F6411317	F6411205	F6412307	F6412318	F6412206
Model/	3"					
Body material/	Brass/					
Cover material/	Methacrylate/			Brass/		
Outlet No. and PG type/	9 PG16 3 PG 21	6 PG16 6 PG 21	12 PG 21	9 PG16 3 PG 21	6 PG16 6 PG 21	12 PG 21
PG Material/	Brass/					
Measure/ A (mm)	Ø252					
Measure/ B (mm)	67					
Weight/ (kg)	5,0			10,4		



Underwater junction

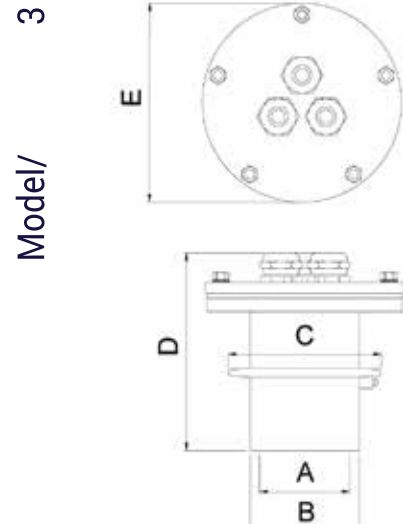
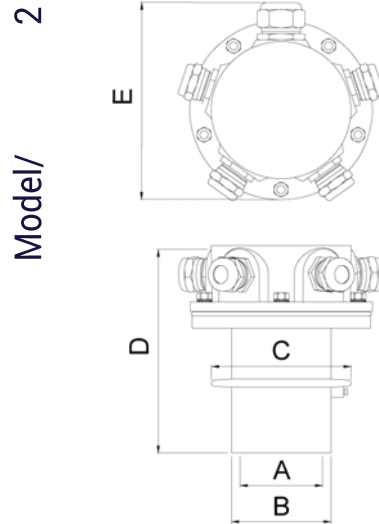
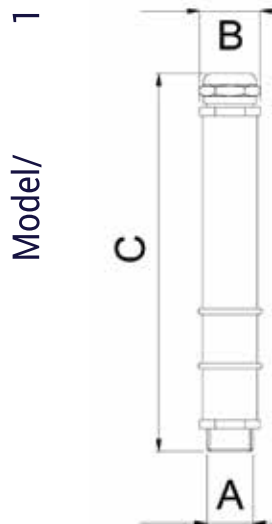
Reference/	F6403634	F6403318
Model/	Underwater junction/	
Body material/	Stainless steel/ AISI304	
Cover material/	-	
Outlet No. and PG type/	2 PG 21	2 PG16
PG Material/	Brass/	
Measure/ A (mm)	Ø27,7	Ø34,6
Measure/ B (mm)	159	177
Weight/ (kg)	0,26	0,31



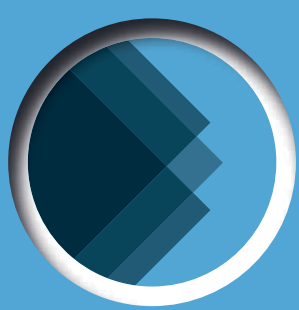
PG	PG 9	PG 11	PG 16	PG 16	PG 21
Material/ Material	Plastic/ Plástico	Plastic/ Plástico	Plastic	Brass/	Brass/
Cable diam/ Diam cable (mm)	Ø4 to Ø8	Ø5 to Ø10	Ø10 to Ø14	Ø6 - Ø9 - Ø12	Ø11,7 - Ø15 - Ø18,6

Wall bushing

Wall bushings are installed during the construction work. the aim of the wall bushing is to allow cables to run safely from the external panel to he inside of the basin or fountain. once inside the basin of the architectural water feature, each cable is connected to complement (light, solenoid valve, etc) or to a junction box. we have defined the following models, depending on the number of electrical cables and their diameter.



Reference/	F6408303	F6408606	F6406931	F6414322	F6414333	F6414208	F6414219	F6405322	F6405614	F6415301
Model/	1		2				3			
Material/	Stainless steel/ AISI 304		Brass/							
Outlet No. and PG type/	1 PG16	1 PG 21	4 PG16 1 PG 21	9 PG16 3 PG 21	6 PG16 6 PG 21	12 PG 21	19 PG 21	3 PG16	1 PG 21	7 PG 21
PG Material/	Brass/									
Measure/ A (mm)	G ½" M		G 2" F/	G 3" F/			G 2" F/		G 3" F/	
Measure/ B (mm)	Ø27,5	Ø35	Ø72	Ø96			Ø72		Ø96	
Measure/ C (mm)	174	183	Ø102	Ø126			Ø102		Ø126	
Measure/ D (mm)	-	-	150	186		206	128	133	163	
Measure/ E (mm)	-	-	Ø139	Ø252			Ø129		Ø252	
Weight/ (kg)	0,27	0,29	3	9,3		9,5	2,5		9,5	



URDIN SPR



SINTEC

your waterproofing partner

DESCRIPTION

URDIN SPR is a flexible PVC-P membrane reinforced with a polyester net. Free of metals. Not compatible with asphalt. UV resistant. Manufactured under EN 13956 Standards.

USE

URDIN SPR is suitable for swimming pools waterproofing, mechanical fixation, both in a new, or refurbishment of an existing one.

PROPERTIES

- Low migration plasticisers.
- Excellent stability under a high temperature range.
- Anti UV protection, which guarantees a long product life.
- Colour stabilization, in order to avoid drastic modifications.
- Anti-Fungus Treatment: all our membranes have an anti-fungus treatment in the formula, which guarantees its effect in the whole product life.
- Excellent mechanical properties.
- Easily welded using hot air, even several years after installation.
- Can be recycled.

INSTALLATION

- URDIN SPR waterproofing systems must be installed by experienced and qualified personnel. Material can be extended at temperatures of minimum 0°C, we strongly recommend the installation at a minimum temperature of +10°C.
- Surfaces must be clean and dry and free from sharp obtrusions. The membrane can be used on bitumen, asphalt, oil and tar surfaces and polyurethane and polystyrene isolation by using a suitable geotextile as a separating layer.
- Membrane joints should be made using a hot air welder and should be checked by running a flat headed punch along the whole of the seam.
- Before starting welding adjust the parameters for speed and temperature according to the ambient conditions and the surfaces of the membrane.

PACKAGING AND STORAGE

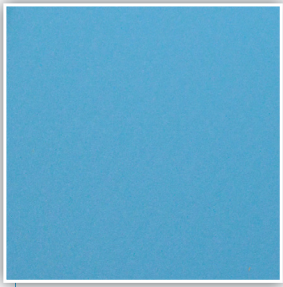
Colour	Several
Dimensions	1,60 x 25m (40 m ² /roll)
Rolls / pallet	12
Storage	Horizontally and in parallel (never crossed)

Supplied in rolls on cardboard tubing.
Store in the original packaging in a dry and cool place.



URDIN SPR

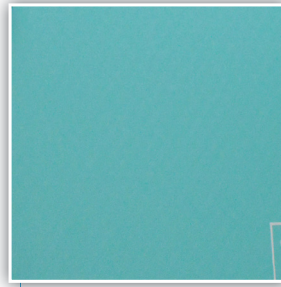
CHARACTERISTICS	NORMS	UNITS	VALUES
Thickness	EN 1849-2	mm	1,5 (±5)%
Elongation	EN 12311-2	%	≥ 15
Tensile Resistance	EN 12311-2	N/mm ²	≥ 22
Tear Strength	EN 12310-2	N	≥ 200
Static Punching Resistance	EN 12730-B	Kg	≥ 20
Joint Peel Strength	EN 12316-2	N/ 50mm	≥200
Joint Shear Strength	EN 12317-2	N/ 50mm	L,T≥ 1000
Exposure to UV radiation, elevated temperature and water	EN 1297	Loss weight	Pass
Foldability at low temperature	EN 495-5	°C	No cracks
Dimensional Stability after 6h at 80°C	EN 1107-2	%	≤ 0,5
Resistance to micro-organisms	ASTM G 21-90		No grown
Hydrostatic Pressure Resistance, 6h at 0,5 MPa	EN 1928-B		Watertight
Hail Resistance	EN 13583	mm	≥ 23



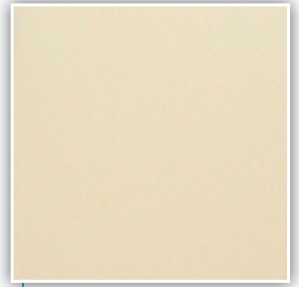
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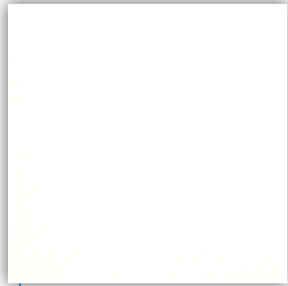
ZERU



AKUA



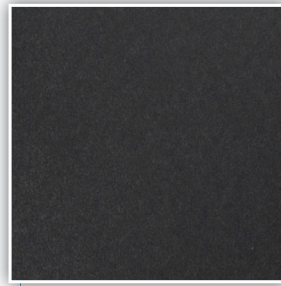
HONDAR



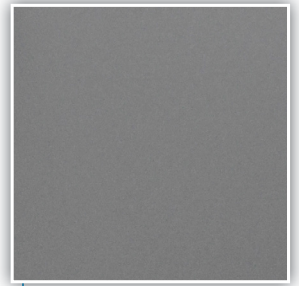
ELUR



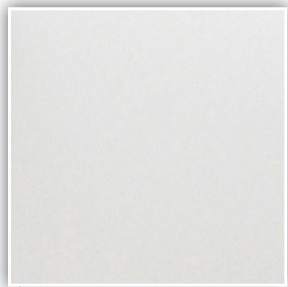
BILBAO



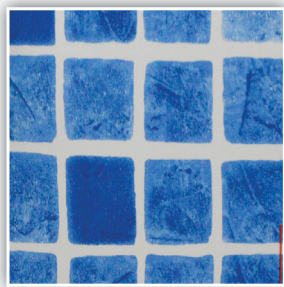
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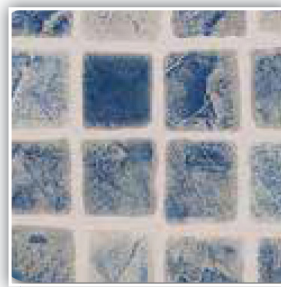
HARRIA



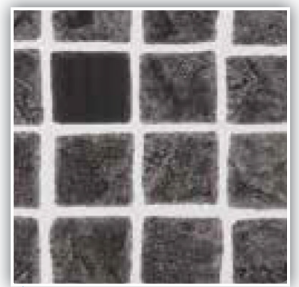
GRIS



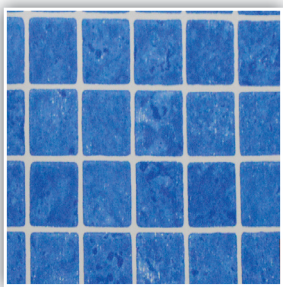
ARABA



ARABA GRIS



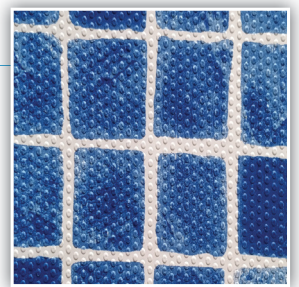
ARABA NEGRO



CUBE

ANTIDESLIZANTES

Materiales disponibles en acabado antideslizante en toda la gama de colores.

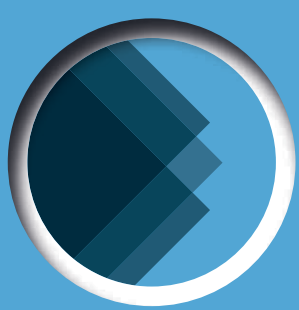


SINTEC

your waterproofing partner

	Unicolor	Unicolor Antideslizante	Diseño	Diseño Antideslizante
Dimensiones rollo (metros)	1,65x25	1,65x10	1,65x 25	1,65 x10
Rollos/pallet	12	16	12	16
m ² /pallet	495 m ²	264 m ²	495 m ²	264 m ²

Almacenamiento horizontal, paralelos entre sí



SINTEC

your waterproofing partner

URDIN SPR antislip

DESCRIPTION

URDIN SPR ANTISLIP is a flexible PVC-P membrane reinforced with a polyester net. Free of metals. Not compatible with asphalt. UV resistant. Manufactured under EN 13956 Standards. Antislippery Surface finish.

USE

URDIN SPR ANTISLIP is suitable for swimming pools waterproofing, mechanical fixation, both in a new, or refurbishment of an existing one.

PROPERTIES

- Low migration plasticisers.
- Antislip Surface finish.
- Excellent stability under a high temperature range.
- Anti UV protection, which guarantees a long product life.
- Colour stabilization, in order to avoid drastic modifications.
- Anti-Fungus Treatment: all our membranes have an anti-fungus treatment in the formula, which guarantees its effect in the whole product life.
- Excellent mechanical properties.
- Easily welded using hot air, even several years after installation.
- Can be recycled.

INSTALLATION

- URDIN SPR ANTISLIP waterproofing systems must be installed by experienced and qualified personnel. Material can be extended at temperatures of minimum 0°C, we strongly recommend the installation at a minimum temperature of +10°C.
- Surfaces must be clean and dry and free from sharp obtrusions. The membrane can be used on bitumen, asphalt, oil and tar surfaces and polyurethane and polystyrene isolation by using a suitable geotextile as a separating layer.
- Membrane joints should be made using a hot air welder and should be checked by running a flat headed punch along the whole of the seam.
- Before starting welding adjust the parameters for speed and temperature according to the ambient conditions and the surfaces of the membrane.

PACKAGING AND STORAGE



Colour	Several
Dimensions	1,5 x 10m (15 m2 /roll)
Rolls / pallet	16
Storage	Horizontally and in parallel (never crossed)

Supplied in rolls on cardboard tubing.
Store in the original packaging in a dry and cool place.

URDIN SPR ANTISLIP

CHARACTERISTICS	NORMS	UNITS	VALUES
Thickness	EN 1849-2	mm	1,5 (±5)%
Elongation	EN 12311-2	%	≥ 15
Tensile Resistance	EN 12311-2	N/mm ²	≥ 22
Tear Strength	EN 12310-2	N	≥ 200
Static Punching Resistance	EN 12730-B	Kg	≥ 20
Joint Peel Strength	EN 12316-2	N/ 50mm	≥200
Joint Shear Strength	EN 12317-2	N/ 50mm	L,T≥ 1000
Exposure to UV radiation, elevated temperature and water	EN 1297	Loss weight	Pass
Foldability at low temperature	EN 495-5	°C	No cracks
Dimensional Stability after 6h at 80°C	EN 1107-2	%	≤ 0,5
Resistance to micro-organisms	ASTM G 21-90	-	No grown
Hydrostatic Pressure Resistance, 6h at 0,5 MPa	EN 1928-B	-	Watertight
Hail Resistance	EN 13583	mm	≥ 23
Antislippery Resistance	EN 13451-1	-	Group 24



Certificate Of Registration

Awarded to

DROPS POOLS LLC

at

P.O.BOX NO: 451979, OFFICE 204, SALMAN EBRAHIM BUILDING 41, STREET 12, AL QUOZ 3,
DUBAI, UNITED ARAB EMIRATES

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system

standard detailed below:

ISO 9001:2015

Quality Management Systems

Scope of work

- SWIMMING POOLS TRADING
- SWIMMING POOLS INSTALLATION WORKS
- SWIMMING POOLS MANUFACTURING

EA 28,29

Certificate No: ADU-2582

Originally Registered: 05 MAY 2025

Latest Issue: 05 MAY 2025

Valid up-to: 04 MAY 2026

Quality Registrar Systems



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WORLDWIDE CERTIFICATION

This certificate is the property of Quality Registrar Systems and remains valid subject to satisfactory annual surveillance audit.
This certificate is only valid when confirmed by the Register listed in Quality Registrar Systems (qrsyst.com)



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