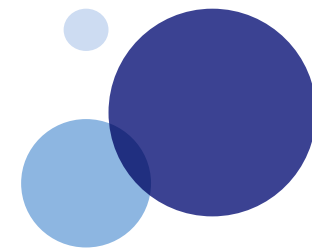


SWIMMING POOL CATALOGUE



30



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Tel: (+34) 96 198 62 30
hidrowater@hidro-water.com
www.hidro-water.com





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WHO WE ARE

Hidro-Water, S.L.U. is one of the main Spanish companies in the manufacture and distribution of water treatment equipment, which divides its activity in three different areas: Residential Division, Industrial Division and Pool Division.

Our organization is aimed at meeting the needs of our customers, offering them effective and innovative solutions in the field of water treatment, both domestic and industrial.

Since it was created in 1996, the company has always maintained a leading position as a result of a continuous effort in R & D, a highly qualified team and the knowledge acquired over many years of work experience.

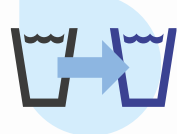


OUR MISSION



PROVIDE WATER

the cleanest, softest and safest.



TRANSFORMING WATER TO OBTAIN

the desired quality, while being sustainable and safe.



PURSUING SUSTAINABILITY

in each and every piece of equipment manufactured.



LISTENING TO CUSTOMERS

and offer them products that improve their lives.



OFFER AN EXCEPTIONAL SERVICE

that make us easy to do business with

WHAT WE DO

Design, manufacture and distribution of water treatment equipment for:



HOUSES AND APARTMENTS



OFFICES AND RESTAURANTS



HOTELS AND RESORTS



SWIMMING POOLS



SPAS



INDUSTRIAL SOLUTIONS



MUNICIPAL WATER



CATERINGS AND CANTEENS



CHEMICAL INDUSTRY



CRUISE SHIPS AND MARINE



RECYCLING AND GREY WATER



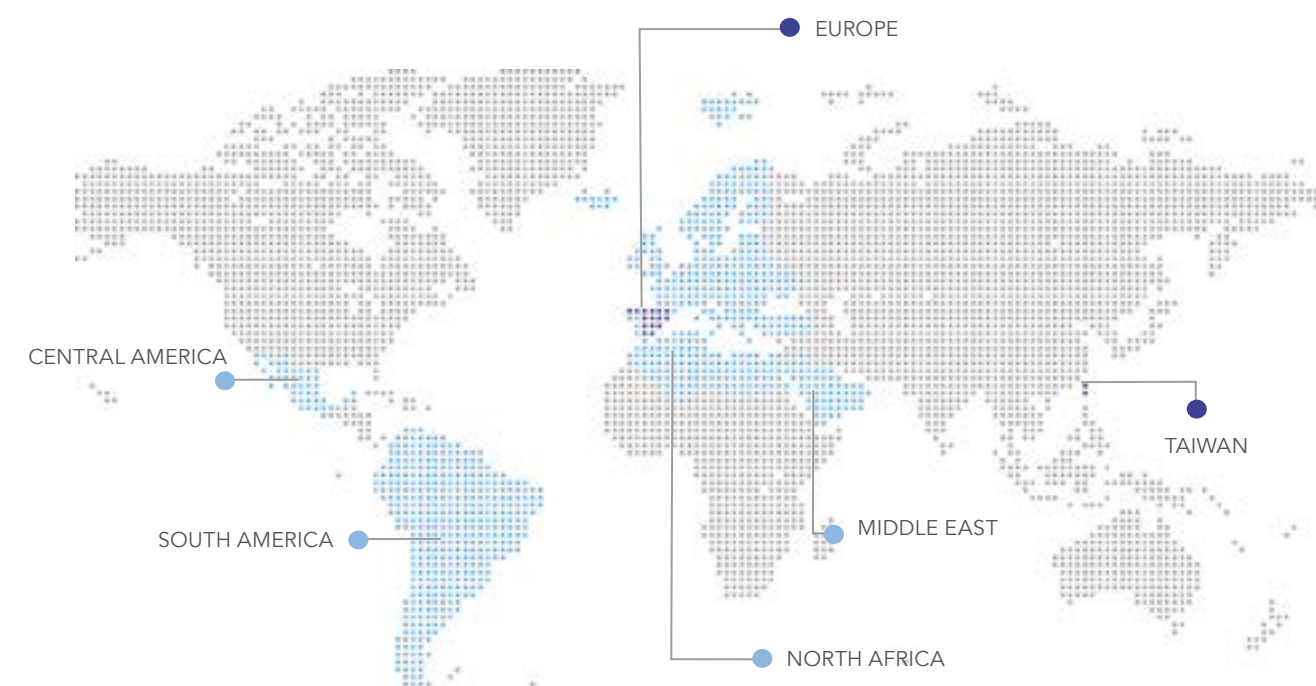
WATER TREATMENT AND PURIFICATION



WHERE WE ARE

Hidro-Water, S.L.U. has an extensive international experience having penetrated in important markets of different countries in Africa, Europe and Latin America.

Nowadays the company is in a process of international expansion, being present in more than 25 countries.



COMMERCIAL PARTNERS

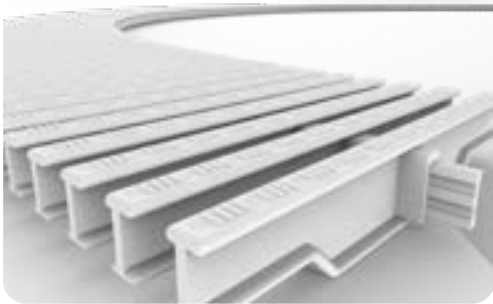
At Hidro Water, S.L.U, besides creating, designing and manufacturing our own products, we distribute other products, equipment and components thanks to strategic alliances with leading worldwide suppliers.





POOL EQUIPMENT

GRILLS	10
PROFILES	12
OTHER ACCESSORIES (flush mount material)	13
CECK VALVE	18
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STRAIGHT GRID FOR POOL OVERFLOW

High quality grids to drain swimming pool overflows.

SECURITY

The new 8 mm transversal grid for curves that complies with safety regulations EN-1345-1 and EN-1345-2.

ABSORPTION

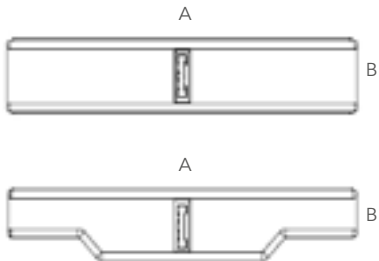
Due to the longitudinal arrangement of the bars of the grid parallel to the edge of the pool, water overflows are avoided.

RESISTANCE

Resistant to the action of UV rays and unalterable by chemical and atmospheric agents

DESIGN

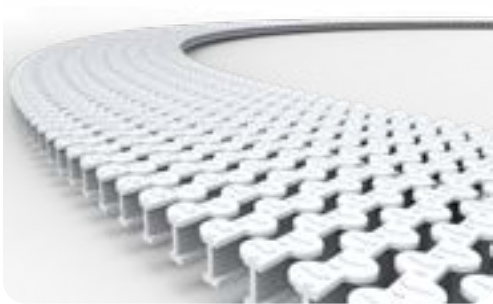
Maximizes the evacuation of the pool water, while at the same time offering strong support to bathers.



CHECK OUT OUR WIDE
RANGE OF COLOURS
Minimum order of 20 boxes.

CODE	DIMENSIONS (mm)		WEIGHT (Kg)
	A	B	
AP-00220	195	35	0.02
AP-00221	245	35	0.02
AP-00222	295	35	0.02
AP-00223	335	35	0.02
AP-11107	195	22	0.02
AP-11108	245	22	0.02

CODE	MODEL	UNIT/ METERS	UNIT./BOX	FAM.
AP-00220	Transverse grid 195 x 35mm	45	470	A
AP-00221	Transverse grid 245 x 35mm	45	365	A
AP-00222	Transverse grid 295 x 35mm	45	325	A
AP-00223	Transverse grid 335 x 35mm	45	295	A
AP-11107	Transverse grid 195 x 22mm	45	500	A
AP-11108	Transverse grid 245 x 22mm	45	375	A



ROUNDED GRID FOR POOL OVERFLOW

High quality grids to drain swimming pool overflows.

SECURITY

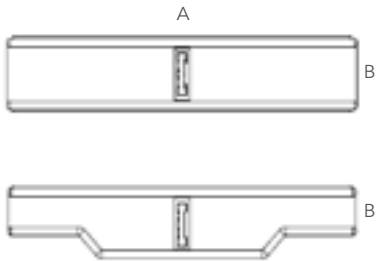
The new 8 mm transversal grid for curves that complies with safety regulations EN-1345-1 and EN-1345-2.

ABSORPTION:

Due to the longitudinal arrangement of the bars of the grid parallel to the edge of the pool, water overflows are avoided.

RESISTANCE

Resistant to the action of UV rays and unalterable by chemical and atmospheric agents



CHECK OUT OUR WIDE
RANGE OF COLOURS
Minimum order of 20 boxes.

CODE	DIMENSIONS (mm)		WEIGHT (Kg)
	A	B	
AP-34194	195	35	0.02
AP-34195	245	35	0.02
AP-34190	195	22	0.02
AP-34191	245	22	0.02

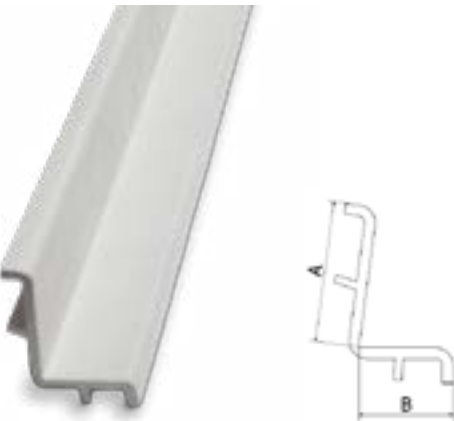
CODE	MODEL	UNIT/ METERS	UNIT./ BOX	FAMILY
AP-34194	Transverse grid 195 x 35mm	53	540	A
AP-34195	Transverse grid 245 x 35mm	53	400	A
AP-34190	Transverse grid 195 x 22mm	53	540	A
AP-34191	Transverse grid 245 x 22mm	53	420	A



TRANSVERSE GRIDS FOR CURVES

High quality grids to drain swimming pool overflows.

CODE	MODEL	FAM.
AP-22383	35mm high corner, 195 mm channel width	A
AP-22384	35mm high corner, 245 mm channel width	A
AP-22379	22mm high corner, 195mm channel width	A
AP-22380	22mm high corner, 245mm channel width	A

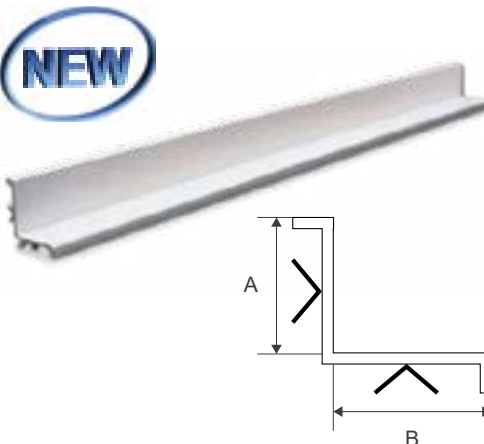


SUPPORT PROFILE FOR GRID PLATES

- Suitable for grids of 22, 24 y 35 mm height.
- Made of PP.
- Supplied in 2 m profiles.
- Inside measures 24 x 37 mm.
- Boxes of 25 profiles

CODE	DIMENSIONS (mm)	
	A	B
HP-1412-06	37	24

CODE	MODEL	FAMILY
HP-1412-06	Support profiles for grid 2m	A



SUPPORT PROFILE 22mm GRID PLATES

- Suitable for 19.5, 22 and 24 mm high grilles.
- The profile is of type "L".
- Made of PP with added UV for greater durability.
- Certified by UNE EN 13451-1 standard.
- It has a pressure resistance of 138 kg.
- Packs of 50 profiles (100 metres).

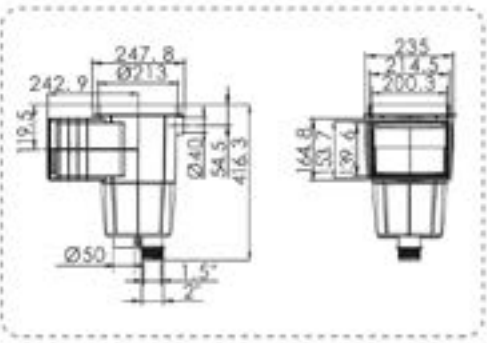
CODE	DIMENSIONS (mm)	
	A	B
HP-1412-08	24	26

CODE	MODEL	FAM.
HP-1412-08	Grille support profile bar AT 24x26 2m	A

OTHER ACCESSORIES

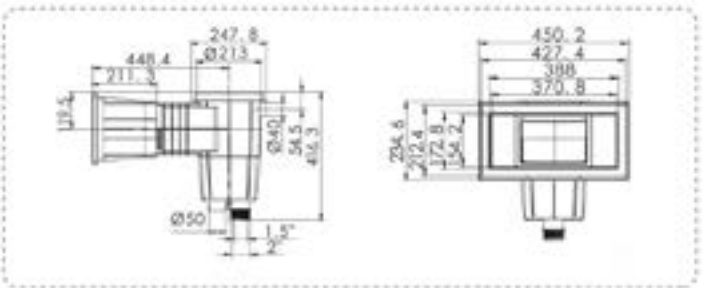
STANDARD SKIMMER

- Made of ABS material
- UV treated for maximum durability
- 150 to 200 L/min
- Connections 1.5" and 2" internal thread and 1.5" solvent internal thread



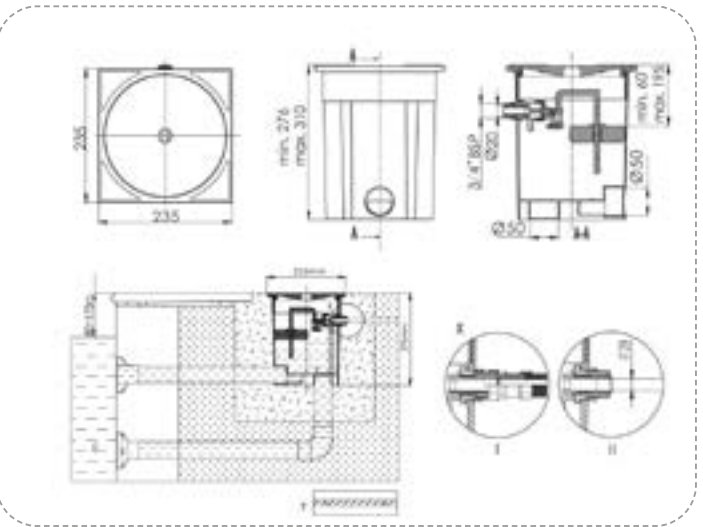
WIDE MOUTH SKIMMER

- For liner and concrete
- Made of ABS material
- UV treated for maximum durability
- 150 to 200 L/min
- Connections 1.5" and 2" internal thread and 1.5" solvent internal thread



AUTOMATIC FILLING

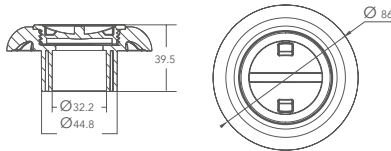
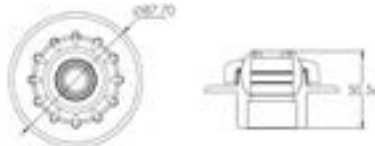
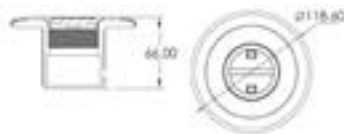
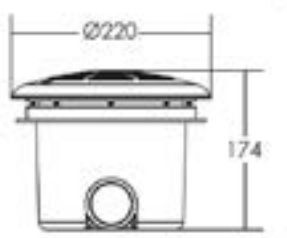
- Made of ABS material
- UV treated for maximum durability
- 30 to 50 L/min
- Inlet: Diameter 20mm or 3/4 "BSP, Outlet: Diameter 50mm



CODE	MODEL	FAM.
HP-4606-48	Standard Skimmer	A
AP-00252	Wide mouth Skimmer	A
HP-4606-66	Automatic filling	A

OTHER ACCESSORIES

Skimmers, sinks and nozzles made of ABS material and with UV treatment

CODE	MODEL	MEASUREMENTS	FAMILY	
	HP-4606-65	10 ATM 50 mm Cleaner inlet nozzle		A
	HP-0206-03	10 ATM Jet nozzle 63mm, glued		A
	HP-4606-61	10 ATM Jet nozzle 50mm, glued		A
	HP-4606-07	Anti-vortex pool drain		A

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

CODE	MODEL	FAMILY
	HP-4606-15 Adjustable suction socket	A
	HP-4606-16 Adjustable bottom nozzle	A
	HP-4606-17 Suction nozzle D.50 R. 2", wall bushing	A
	HP-4606-18 Jet nozzle D.50 R. 2", wall bushing"	A
	AP-22353 Oscillating nozzle	A
	AP-56498 Fan drive nozzle	A
	HP-4606-14 Overflow suction socket	A
	HP-0206-05 Fitting connection for cleaning	A
	HP-4606-02 Electrical connection box	A

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

ACCESSORIES IN AISI 316 STAINLESS STEEL



AISI 316 STAINLESS STEEL NEREZ

Give your pool a premium finish and maximum resistance with our range of accessories made from AISI 316 stainless steel, designed to offer **greater durability** and a **flawless shiny effect** on the pool shell.

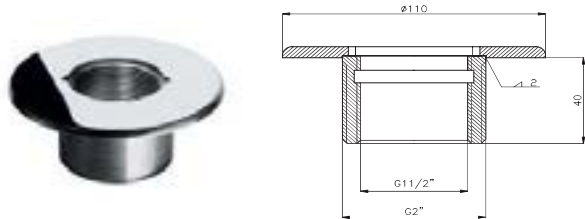
Key advantages:

- **High corrosion resistance** and long service life (ideal for demanding environments).
- **Superior aesthetics** thanks to the stainless steel finish **and its shine**.
- **Complete solutions** for pumping, suction, and flow conduction, with options for flow regulation and direction.

IT IS ESSENTIAL TO INSTALL OR HAVE INSTALLED A SACRIFICIAL ANODE IN THE POOL.



BASIC ELEMENT



CODE	MODELO	FAM.
HP-3070	BASIC ELEMENT	B

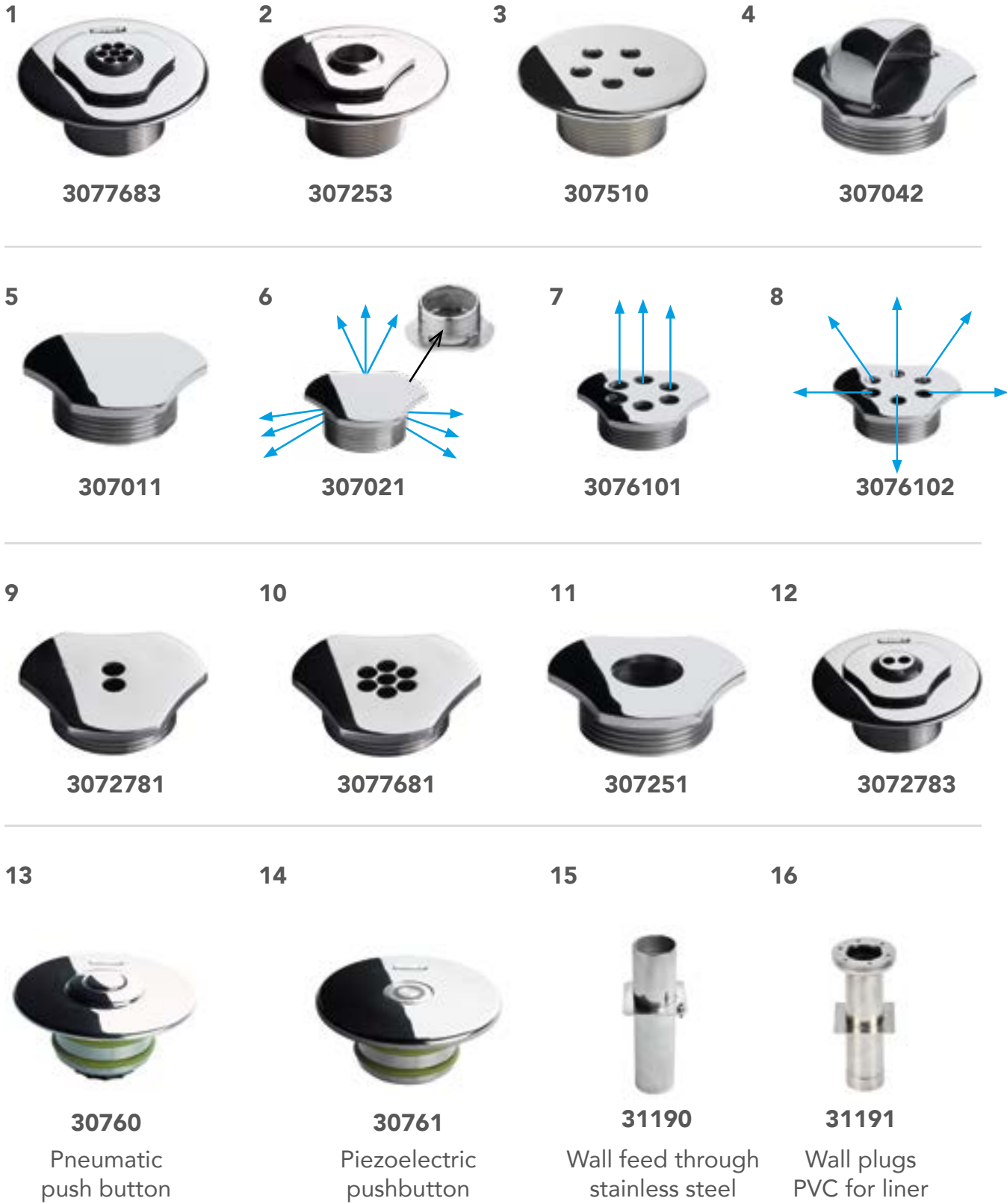
STAINLESS STEEL NOZZLE FRAME



Example of using the framework

CODE	MODEL	FAM.
HP-30705	STAINLESS STEEL NOZZLE FRAME	B

	CODE	MODELO	FAM.
1	HP-3077683	Stainless steel jet nozzle with ball 7 x 6.8 mm. Basic element included.	B
2	HP-307253	Stainless steel jet nozzle with Ø 25 mm ball. Basic element included.	B
3	HP-307510	Stainless steel discharge nozzle 5 x Ø 10 mm AG R 2" x R 1½" IG thread 40 mm. Basic element included.	B
4	HP-307042	Stainless steel inlet housing - to redirect the flow. Optional basic element.	B
5	HP-307011	Stainless steel nozzle cap - flow regulation. Optional basic element.	B
6	HP-307021	Stainless steel bottom suction nozzle. Optional basic element.	B
7	HP-3076101	Stainless steel nozzle inlet part 6 x Ø 10 mm, direct flow water. Optional basic element.	B
8	HP-3076102	Stainless steel nozzle inlet part 6 x Ø 8 mm, angled water flow. Optional basic element.	B
9	HP-3072781	Stainless steel nozzle inlet part with 2 x 7.8 mm ball. Optional basic element.	B
10	HP-3077681	Stainless steel nozzle inlet part with 7 x 6.8 mm ball. Optional basic element.	B
11	HP-307251	Stainless steel nozzle inlet Ø 25 mm. Optional basic element.	B
12	HP-3072783	Stainless steel drive nozzle with 2 x 7.8 mm ball. Basic element included.	B
13	HP-30760	Pneumatic push button. Basic element included.	B
14	HP-30761	Piezoelectric push button. Basic element included.	B
15	HP-31190	R 2" stainless steel wall bushing, length 300 mm	B
16	HP-31191	2" R stainless steel liner wall bushing, length 300 mm	B
	HP-6205-90	Sacrificial anode	B



Hidro-Water stainless steel nozzles have a 2" EX thread, compatible with most pool walls.

The inlet section has a 1 ½" EX thread, which is also applicable to base elements from other manufacturers.

NEW



CHECK VALVE

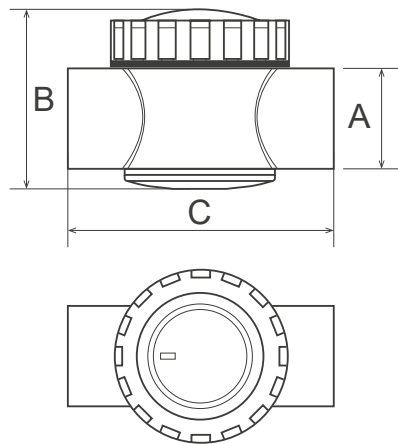
WITH TRANSPARENT BODY AND SPRING

Easy access for cleaning through the threaded cover. Thanks to its transparent cover and large chamber, any kind of congestion problem can be easily observed.

Specially designed for fibreglass pools, leaves the pool and pump clean of any dirt.

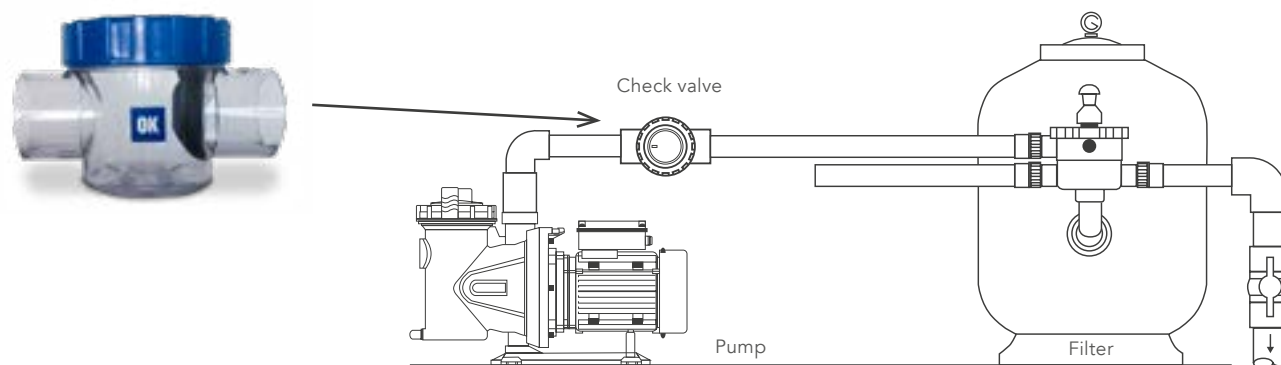
MAIN CHARACTERISTICS

- **With transparent tube:** To observe internal movement. The check valve itself is anti-corrosion, durable, and easy to install.
- **Long life:** Made of ABS and PVC, this device is robust and durable and can be used for a long time.
- **Functional use:** The check valve can prevent unpredictable damage to the pump due to liquid backflow and thus prevent recontamination of the filtration equipment.
- **Versatile:** This check valve can be used in swimming pools and spas, in the outlet pipe of the water pump.
- **Glued D 63mm Ø.**



CODE	DIMENSIONS (mm)		
	A	B	C
HP-4606-90	Ø 63	129	190

INSTALLATION DIAGRAM



CODE	MODEL	CONNECTION (MM)	FAM.
HP-4606-90	Check valve	63	B

NEW



SWIMMING POOL INOX AISI 316 LADDER

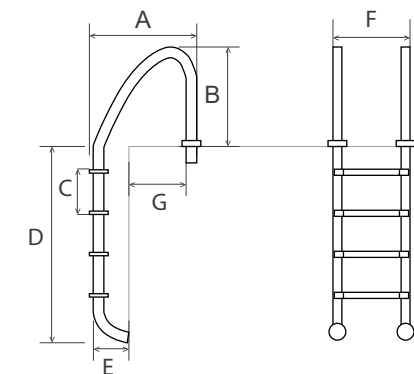
Hidro-Water pool ladders are designed to ensure safe entry and exit to and from the pool, with non-slip steps.

The ladders are made of 42 mm diameter AISI 316 stainless steel tubes.

MANDATORY TO INSTALL OR HAVE INSTALLED IN THE POOL A SACRIFICIAL ANODE



CODE	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
HP-6016-02	720	710	250	550	170	500	505
HP-6016-03	720	710	250	800	170	500	505
HP-6016-04	720	710	250	1050	170	500	505
HP-6016-05	720	710	250	1300	170	500	505



CODE	MODEL	FAM.
HP-6016-02	INOX AISI 316 Swimming pool ladder 2 steps	B
HP-6016-03	INOX AISI 316 Swimming pool ladder 3 steps	B
HP-6016-04	INOX AISI 316 Swimming pool ladder 4 steps	B
HP-6016-05	INOX AISI 316 Swimming pool ladder 5 steps	B

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

JUNIOR COUNTER-CURRENT SYSTEM



Junior Counter-current system.
Front included in the kit

Patented system: central nozzle Ø 35 mm with air and water flow control.
Standard sealing part Ø 63/75mm with rear counter flange for concrete structures and hull.
The system includes a complete kit with all components for sealing equipment, pneumatic control, remote control and electrical panel.



KIT COMPONENTS



BOMBA MGD

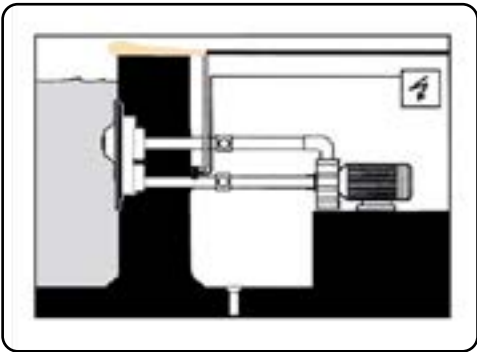


PARTS FOR SEALING
to choose based on the
structure



REMOTE CONTROL AND
ELECTRICAL PANEL

ASSEMBLY PLAN



The ideal position is to place the pump close to the pool and below the water level.
In this case, the piping can remain at ø 63mm.
Beware of the risk of submersion with this type of installation.
This NCC pump is not self-priming, however, it is quite easy to prime up to a maximum height of 0.5 m above the water level.
Place a filler plug on the top of the hydraulic system to facilitate priming.
At a distance of more than 5 m, between the SBP and the NCC facade, it is foreseen to increase the cross section of the pipe.

NEW COUNTER-CURRENT SYSTEM



New Counter-current system
Front and piezo included in the kit

Patented system: central nozzle Ø 35 mm with air and water flow control.
Standard sealing part Ø 63/75mm with rear counter flange for concrete structures and hull.
Standard illuminated piezo (2,5ml).
Flexible installation, adaptable to existing sealing parts.
Supplied in 2 boxes: sealing parts and accessories..

KIT COMPONENTS



BOMBA CCS



PARTS FOR SEALING
to choose based on the
structure



REMOTE CONTROL AND
ELECTRICAL PANEL

CODE	MODEL	WEIGHT	FAM.
HP-7004-07	JUNIOR COUNTER-CURRENT SYSTEM 3CV II - 35 mm nozzle. Single-phase sealing piece Ø 63/75mm. Complete kit with rear counterflange	28 Kg	B
HP-7004-10	NEW COUNTER-CURRENT SYSTEM 3CV II. 42 mm nozzle. Single-phase sealing piece Ø 63/75mm. Complete kit with rear counterflange	30 Kg	B



LIGHTING

DIAMOND & RAINBOW LED LAMPS	24
FLAT PROJECTORS	26
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PAR 56 PROJECTOR	30
RECESSED SPOTLIGHTS	31
MINI LED PROJECTORS	32
WATERFALLS	34

weltico



DIAMOND & RAINBOW STANDARD MODEL



RAINBOW REMOTE CONTROL



ONLY FOR RAINBOW MODELS

Broadband over power line.

Used to control up to 4 color projectors for optimal timing and control.

The unit must be connected to the power cable of the projectors at the transformer outlet.

Remote control with 5 buttons:

- 1 button: On / Off
- 2 buttons: fixed color rotation (front and back)
- 2 buttons: rotation programs



HP-0204-76

DIAMOND & RAINBOW POWER LAMPS

LED lamps PAR56 type 100% compatible with all 300-W halogen PAR56 pool projectors on the market. The RAINBOW POWER (colour LED), and DIAMOND POWER (white LED), models are equipped with high power LED of the latest technology, and a patented collimator providing an exceptional luminous flow.

The lamps are available in 6-LED or 12-LED versions for the white range and in 12-LED for the colour range. The RAINBOW projector remains synchronized on the frequency of the electrical network.

For RAINBOW POWER colour versions, the 3 base colours are integrated on the different LEDs and offer a perfect mix of colors. A range of 10 different colours offered in fixed or animated patterns, or even fading, depending on the selected program.

LEDs high quality OSRAM LED.

DIAMOND LAMP (white light):

- 6-LEDs or 12-LEDs version
- Projector sealed with resin completely watertight.

RAINBOW LAMP (colour light):

- 10 fixed colours
- 5 programs to choose
- ON/OFF Control: Interruption <1 sec - program change
Interruption >10 sec - memorize
- An optional remote control + BPL module kit can be used to change the programs (BPL = broadband over powerline) or simply ON/OFF.

STANDARD MODEL

- **Color:** 10 colors and 5 programs for Rainbow lamps.
- **White:** 6 or 12 LEDs available.
- Controllable by remote control (optional)

CODE	LAMP	POT. (W)	LUM.	TEMP. °K	LED	FAM
STANDARD MODEL						
HP-4600-00	Diamond 6-LEDs White	19	1800	6500	6	A
HP-4600-10	Diamond 12-LEDs White	36	2500	6500	12	A
HP-4600-14	Rainbow 12-LEDs Colour RGB	28	1200	***	12	A

* 6 of 12 LEDs light up

CODE	DESCRIPTION	FAMILY
HP-0204-74	Remote Control FOR RAINBOW PROJECTOR RGB	A
HP-0204-76	Remote Control + button ON/OFF	A

weltico



STANDARD MODEL



2 Covers: 1 round and 1 square

RAINBOW REMOTE CONTROL



ONLY FOR RAINBOW MODELS

Broadband over power line.

Used to control up to 4 color projectors for optimal timing and control.

The unit must be connected to the power cable of the projectors at the transformer outlet.

Remote control with 5 buttons:

- 1 button: On / Off
- 2 buttons: fixed color rotation (front and back)
- 2 buttons: rotation programs



HP-0204-76

PAR56 PROJECTOR WITHOUT RECESS

High power LED projector to be installed in **pre-existing niches**. Ideal for renovating the pool.

- Totally watertight thanks to the epoxy seal.
- French manufacturing and OSRAM LED german component.
- DIAMOND POWER for the white lamp and RAINBOW POWER for colours.
- Available in high and low power in white.
- Supplied with 2 sets of interchangeable fastening clips to fit 95% of existing niches on the market.
- The advanced technology collimator guarantees a wide angle of illumination and optimum diffusion.

KIT CONTENT:

- Elegant four-color packaging
- Round cover
- Square cover
- Set of 3 x short clips
- Set of 3 x long clips
- 4 x Lamp fixing screws
- 3 x Screws fixing clips
- 6 x Watertight cover fastening screws
- Watertight cover
- Cable glands
- Lamp sealing gasket
- Cable sealing gasket
- LED lamp

ADAPTS TO 95% OF EXISTING MARKET NICHES

STANDARD MODEL

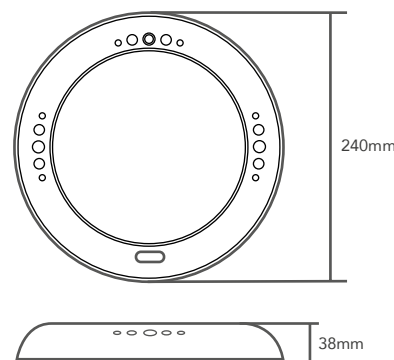
- **Color:** 10 colors and 5 programs for Rainbow lamps.
- **White:** 6 or 12 LEDs available.
- Controllable by remote control (optional).

CODE	LAMP	POT. (W)	LUM.	TEMP. °K	LED	FAM.
STANDARD MODEL						
HP-4600-31	Diamond projector 6 LED White	19	1800	6500	6	A
HP-4600-41	Diamond projector 12 LEDs White	36	2500	6500	12	A
HP-4600-45	Rainbow projector color RGB 12LED	28	1200	***	12	A

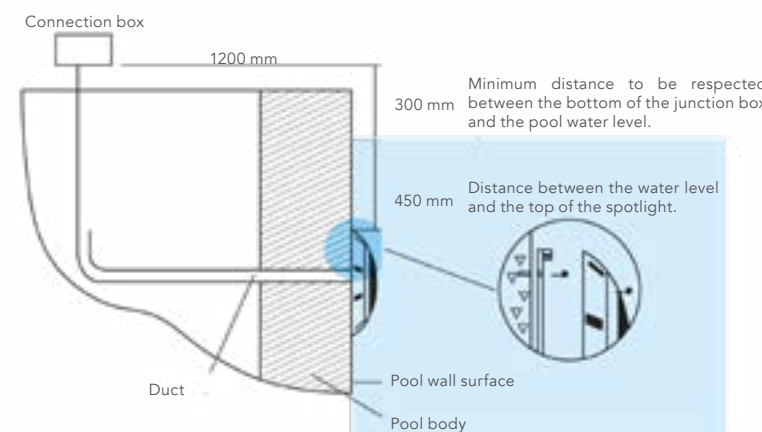
* 6 of 12 LEDs light up

CODE	DESCRIPTION	FAMILY
HP-0204-74	Remote Control FOR RAINBOW PROJECTOR RGB	A
HP-0204-76	Remote Control + button ON/OFF	A

FLAT PROJECTOR WHITE LED



- Flat LED light manufactured in white ABS.
- Low power consumption.
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete (for liner, optional support).
- Supplied with 2.5 meter cable.
- LED type SMD2835.
- Voltage: AC 12V / 50-60 Hz.



1. This light is powered with 12VAC. It has to be connected to the transformer, never directly to the electric network directly.
2. The connection box must be at least 1.2m from the edge of the pool.
3. The installation plate should be placed in such a way that the upper part of the spotlight is at least 450mm below the water level of the pool.
4. The light must always be placed on flat surfaces. Screw the fixing plate with the four screws.
5. Connect the cables with their corresponding ones in the connection box and fill with epoxy glue.
6. Before testing the lamp for more than ten seconds, it must be immersed completely in water.

PROJECTOR CONNECTION

Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty.

CODE	MODEL	LUMENS	POWER (W)	UNITY BOX	FAM.
HP-0207-31	252 LED Cold White flat projector	1600	18	1	A
HP-0207-32	252 LED Warm White flat projector	1600	18	1	A
HP-0207-41	513 LED Cold White flat projector	3200	40	1	A
HP-0207-42	513 LED Warm White flat projector	3200	40	1	A
HP-0207-99	Optional support for liner pools				A

OPTIONAL SUPPORT FOR LINER POOLS



CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A



Does not include batteries

FLAT PROJECTOR COLD-WARM WHITE LED

- Flat LED light manufactured in white ABS.
- Low power consumption.
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete (for liner, optional support).
- Supplied with 2.5 meter cable.
- LED type SMD2835.
- Voltage: AC 12V / 50-60 Hz.

REMOTE CONTROL PROGRAMMING

1. ON
2. OFF
3. Warm white
4. Cool white
5. Compound Pattern Cool White-Warm White
6. /
7. Decrease brightness
8. Increase brightness

1. This light is powered with 12VAC. It has to be connected to the transformer, never directly to the electric network directly.
2. The connection box must be at least 1.2m from the edge of the pool.
3. The installation plate should be placed in such a way that the upper part of the spotlight is at least 450mm below the water level of the pool.
4. The light must always be placed on flat surfaces. Screw the fixing plate with the four screws.
5. Connect the cables with their corresponding ones in the connection box and fill with epoxy glue.
6. Before testing the lamp for more than ten seconds, it must be immersed completely in water.

**POSSIBILITY TO SET THE SPOTLIGHT AT
3000K, 4000K AND 6400K**



PROJECTOR CONNECTION

Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty.

CODE	MODEL	LUM.	POWER (W)	UNITY BOX	FAM.
HP-0207-34	COLD-WARM White flat projector	1600	18	1	A
HP-0207-99	Optional support for liner pools				A



CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A

RGB LED FLAT PROJECTOR + REMOTE CONTROL



- Flat LED light manufactured in white ABS.
- Low power consumption RGB led.
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete (for liner, optional support).
- Cable: supplied with 2.5m 3-wire hose (V +; V-; antenna)
- 15 color programs mode ON/OFF control.
- 13 programs mode Remote Control.
- LED type SMD2835.
- Voltage: AC 12V/50-60 Hz
- **In order not to reduce the range of action of the control, the antenna cable must be routed to the junction box.**



White and RGB LED spotlight



REMOTE CONTROL PROGRAMMING

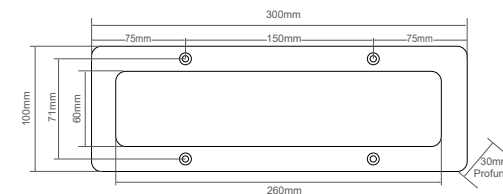
- | | |
|-------------------------|---|
| 1. ON | 10. Red-red/green-green cicle |
| 2. OFF | 11. Green-green/blue-blue cicle |
| 3. Fixed blue | 12. Red-red/blue-blue cicle |
| 4. Fixed red | 13. Red-green-blue cicle The speed changes from slower to faster. |
| 5. Fixed green | 14. Green-red/blue-blue-red-white-blue/green-red/green cicle |
| 6. Fixed red/blue | 15. Gradual change to all colours |
| 7. Fixed blue/green | |
| 8. Fixed red/green | |
| 9. Fixed red-green-blue | |

PROJECTOR CONNECTION

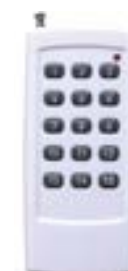
Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty

CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A

CODE	MODEL	LUMENS	POWER (W)	UNITY BOX	FAMILY
HP-0207-35	Flat projector RGB 252 LED + remote control	800	18	1	A
HP-0207-45	Flat projector RGB 513 LED + remote control	1600	40	1	A
HP-0207-99	Optional support for liner pools				A



White and RGB LED spotlight measurement



Does not include batteries



CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A

CODE	MODEL	LUMENS	POWER (W)	UNITY BOX	FAMILY
HP-0207-55	Rectangular projector COLD WHITE 105 LED	2100	25	1	A
HP-0207-57	Rectangular projector RGB 105 LED + remote control	1000	25	1	A

WHITE LED RECTANGULAR PROJECTOR + RGB REMOTE CONTROL

- Flat LED light manufactured in white ABS.
- Low power consumption RGB led.
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete.
- Cable: supplied with 2.5m 3-wire hose (V +; V-; antenna)
- 15 color programs mode ON/OFF control.
- 13 programs mode Remote Control.
- LED type SMD5050.
- Voltage: AC 12V/50-60 Hz
- **In order not to reduce the range of action of the control, the antenna cable must be routed to the junction box.**

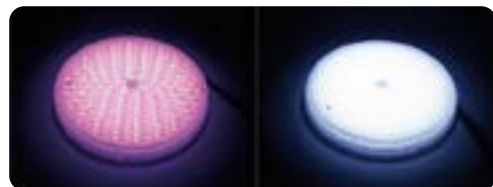


RGB REMOTE CONTROL PROGRAMMING

- | | |
|-------------------------|---|
| 1. ON | 10. Red-red/green-green cicle |
| 2. OFF | 11. Green-green/blue-blue cicle |
| 3. Fixed blue | 12. Red-red/blue-blue cicle |
| 4. Fixed red | 13. Red-green-blue cicle The speed changes from slower to faster. |
| 5. Fixed green | 14. Green-red/blue-blue-red-white-blue/green-red/green cicle |
| 6. Fixed red/blue | 15. Gradual change to all colours |
| 7. Fixed blue/green | |
| 8. Fixed red/green | |
| 9. Fixed red-green-blue | |

PROJECTOR CONNECTION

Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty



How to install Retrofit lamp in PAR56 spotlight



Remove the lamp holder and place the panel in the frame.



Fasten with screws and nuts on the panel



Accessories



Section

WHITE MODEL

- Color temperature 6400 °K
- Low power model 18 W
- High power model 35 W



Does not include batteries



RETROFIT LAMP FOR REPLACEMENT OF PAR56

- Energy saving RGB or white LED lamp.
- Waterproofing thanks to the epoxy sealing.
- Installation kit for existing niches.
- Cable:
 - Color model: supplied with a 2.5m 3-wire hose (V +; V-; antenna)
 - White model: supplied with 2.5m 2-wire hose (V +; V-)

- 15 color programs in ON / OFF control mode.
- 13 programs in Remote Control mode.
- LED type SMD2835.
- AC 12V/50-60 Hz.

INCLUDES:

- Double installation kit for different PAR56 niches.

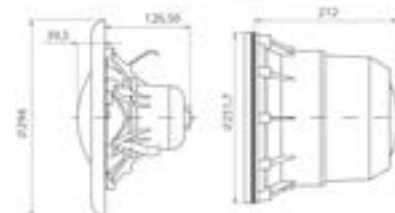
COLOR MODEL 15 PROGRAMS RGB, ON/OFF CONTROL

1. Fixed blue
2. Fixed red
3. Fixed green
4. Fixed red/blue
5. Fixed blue/green
6. Fixed red/green
7. Fixed red/blue/green
8. Red-red/green-green cicle
9. Green-green/blue-blue cicle
10. Red-red/blue-blue cicle
11. Red-green-blue cicle. The speed changes from slower to faster.
12. Red-green-blue cicle.accelerating from slow to fast, but slower than program 11
13. Green-red/blue-blue-red-white-blue/green-red/green cicle
14. Gradual change to all colours
15. Gradual change red-green-blue

CODE	MODEL	LUMENS	POWER (W)	LED	FAM.
HP-0207-01	RETROFIT white low power	1600	18	252	A
HP-0207-11	RETROFIT white high power	3200	40	513	A
HP-0207-04	RETROFIT RGB low power	800	18	252	A
HP-0207-14	RETROFIT RGB high power	1600	40	513	A



PROJECTOR HP-4602-06

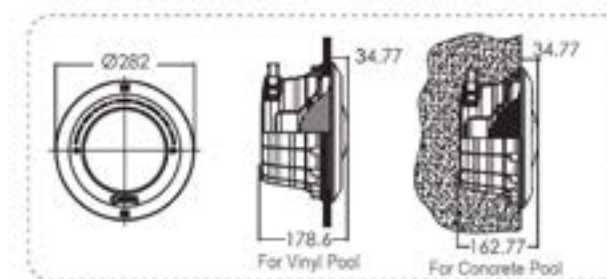


PROJECTOR HP-4602-72 EQUIVALENT TO PROJECTOR AP-07838 Lamp not included

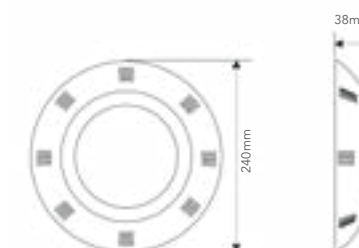


ROJECTORS TO RECESS PAR56

- Available for concrete liner and / or liner walls.
- Made of ABS and plastic trim.
- IP68 waterproof standard.
- Cable 2.5 metres.
- UV stabiliser S.S.
- RoHs 2011/65EU compliant.
- CE certified.



CODE	MODEL	POWER (W)	PACK.	FAM.
HP-4606-72	Projector RECESS - Lamp not included - Equivalent to AP-07838 - concrete / liner spotlight		1	A
HP-4602-06	Projector RECESS concrete / liner spotlight	300	1	A



CODE	MODEL	POWER (W)	PACKAGING	FAMILY
HP-0205-30	Halogen flat projector	100	1	A
HP-4602-08	Lamp replacement 75W	75	1	A
HP-4602-07	Halogen lamp 100W	100	1	A

LED SPOTLIGHTS MINI WHITE LIGHT

They are made of sturdy plastic and are supplied with an LED lamp. The spotlights are specially designed for stairs.

- Material: plastic.
- High degree of protection.
- Especially for swimming pool ladders.
- Cable included.
- White light.

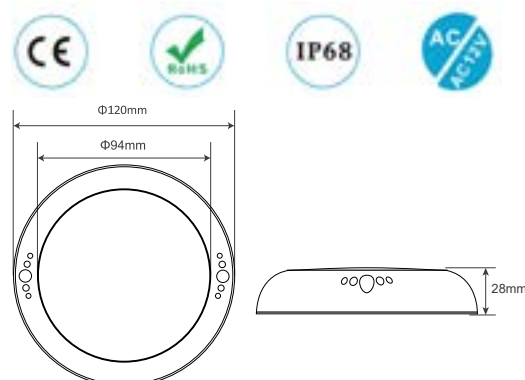
CODE	MODEL	POWER	VOLTAGE	PACK.	FAM.
HP-4602-14	White mini LED spotlight	1 W	12 V	1	A
HP-0302-08	Niche for HP-4602-14			1	A



MINI SPOTLIGHT WHITE / RGB+REMOTE CONTROL



- Flat LED light manufactured in white ABS.
- Low power consumption RGB led.
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete.
- Cable: supplied with 2.5m 3-wire hose (V +; V-; antenna)
- 15 color programs mode ON/OFF control.
- 13 programs mode Remote Control.
- LED type SMD2835.
- Voltage: AC 12V/50-60 Hz
- **In order not to reduce the range of action of the control, the antenna cable must be routed to the junction box.**



White and RGB LED spotlight measurement



RGB REMOTE CONTROL PROGRAMMING

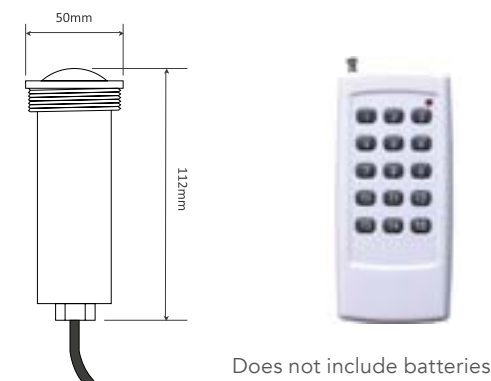
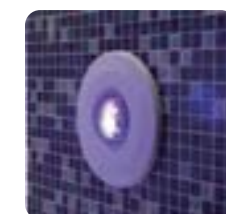
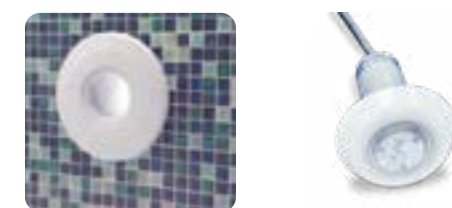
1. ON
2. OFF
3. Fixed blue
4. Fixed red
5. Fixed green
6. Fixed red/blue
7. Fixed blue/green
8. Fixed red/green
9. Fixed red-green-blue
10. Red-red/green-green cicle
11. Green-green/blue-blue cicle
12. Red-red/blue-blue cicle
13. Red-green-blue cicle The speed changes from slower to faster.
14. Green-red/blue-blue-red-white-blue/green-red/green cicle
15. Gradual change to all colours

PROJECTOR CONNECTION

Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty

CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A

CODE	MODEL	LUMENS	POWER (W)	UNITY BOX	FAMILY
HP-0205-48	Mini LED WARM WHITE spotlight	880	8	1	A
HP-0205-49	Mini LED COLD WHITE spotlight	880	8	1	A
HP-0205-50	Mini LED RGB spotlight + remote control	440	8	1	A



Does not include batteries



CODE	DESCRIPTION	FAMILY
HP-0205-90	Cable protector	A

CODE	MODEL	LUMENS	POWER (W)	UNITY BOX	FAMILY
HP-0205-20	Mini LED RGB spotlight ON/OFF	300	6	1	A
HP-0207-72	Mini LED COLD WHITE spotlight	600	6	1	A
HP-0207-74	Mini LED RGB spotlight + remote control	300	6	1	A
HP-0207-76	Mini LED WARM WHITE spotlight	600	6	1	A

EPOXY MINI LED SPOTLIGHTS WHITE / RGB+REMOTE CONTROL



- Material: plastic.
- Low power consumption RGB led.
- Nozzle installation Ø 1 1/2
- 100% waterproofing security thanks to Epoxy filling.
- Installation in concrete and fiberglass.
- Cable: supplied with 2.5m 3-wire hose (V +; V-; antenna)
- 15 color programs mode ON/OFF control.
- 13 programs mode Remote Control.
- LED type SMD3535.
- Voltage: AC 12V/50-60 Hz
- **In order not to reduce the range of action of the control, the antenna cable must be routed to the junction box.**



Concrete and fibreglass installation

RGB REMOTE CONTROL PROGRAMMING

1. ON
2. OFF
3. Fixed blue
4. Fixed red
5. Fixed green
6. Fixed red/blue
7. Fixed blue/green
8. Fixed red/green
9. Fixed red-green-blue
10. Red-red/green-green cicle
11. Green-green/blue-blue cicle
12. Red-red/blue-blue cicle
13. Red-green-blue cicle The speed changes from slower to faster.
14. Green-red/blue-blue-red-white-blue/green-red/green cicle
15. Gradual change to all colours

PROJECTOR CONNECTION

Cable protector. If the interconnection of the cables is done below the water level, this connection must be made with a watertight joint or / and epoxy glue. Otherwise, moisture could enter the focus through the cable, voiding the warranty



WATERFALLS

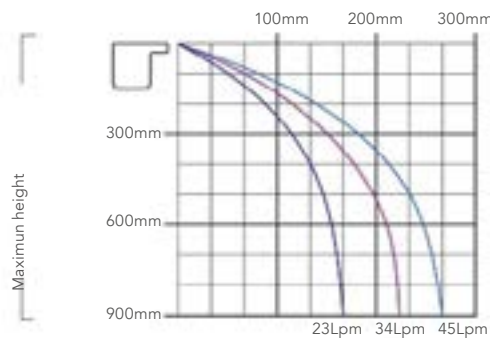
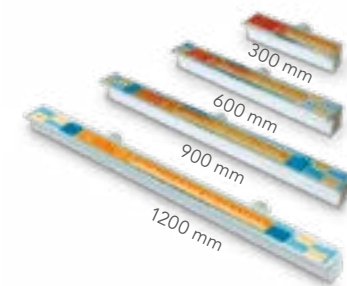
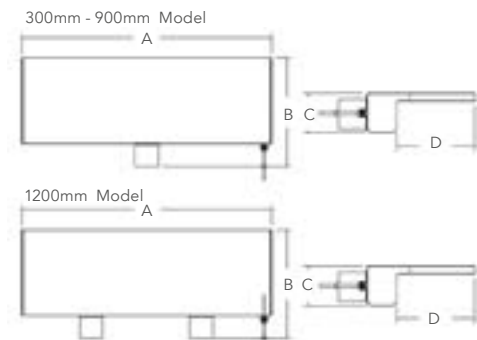
WATER DESCENT

The waterfall is an ideal decorative accessory to beautify your pool or spa.

Its water flow not only offers an attractive visual effect, but also provides a relaxing massage, adding a touch of elegance and style to your pool.

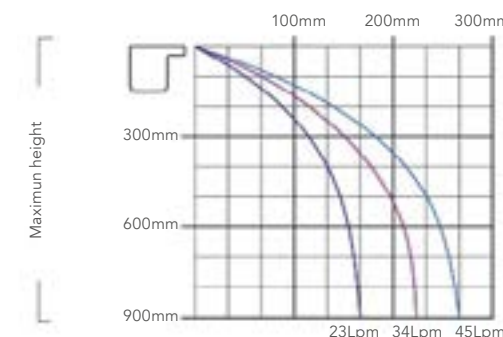
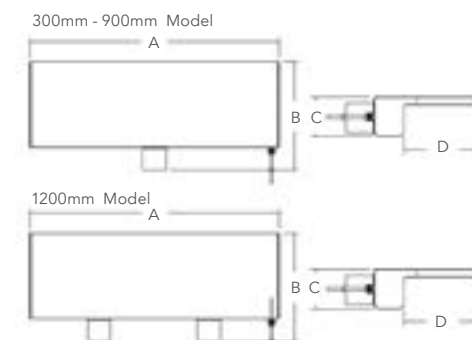
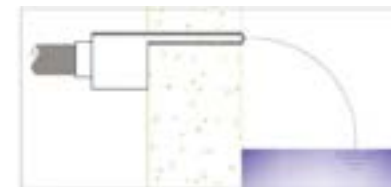
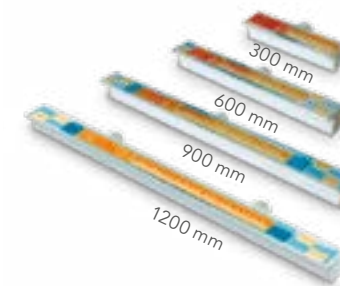
Available in 4 different widths, allowing you to create a variety of effects to suit your preferences.

4 different lengths: 300 mm, 600 mm, 900 mm and 1200 mm.



CODE	MODEL	A (mm)	B (mm)	C (mm)	D (mm)	FAMILY
HP-7202-83	Waterfall 300	306	138	76	25	B
HP-7202-84	Waterfall 600	606	138	76	25	B
HP-7202-82	Waterfall 900	906	138	76	25	B
HP-7202-85	Waterfall 1200	1206	138	76	25	B

Note: this graph corresponds to the 300mm long waterfall. For a length of 600 mm, twice the flow is required, triple for 900 mm and four times higher for 1200 mm.



Note: this graph corresponds to the 300mm long waterfall. For a length of 600 mm, twice the flow is required, triple for 900 mm and four times higher for 1200 mm.

WATERFALLS

WATER DESCENT WITH LED LIGHT

Water falls is one of the most beautiful ornamental features for your pool or spa.

Creating a water movement in your pool, it may be adjusted from a peaceful sheet of water falling into the pool, to a relaxing water massage for your back, adding elegance and style to your pool.

Available in 4 different models, you can enjoy different water effects and trajectories.

10 selections of pre-programmed LED lighting patterns allow you to create the best luminous water features on your hands.

- 4 different lengths: 300 mm, 600 mm, 900 mm and 1200 mm.
- LED strip is powered by external 12V DC, which is safe and reliable.
- The LEDs can be operated through panel or remote control and 10 lighting patterns are available.
- Multiple water descents can share the same controller and act at the same pace (max. 60W).

LED CONTROL BOX

The LED strip is built into the unit (instead of using fiber optics), placing the light as close to the waterfall as possible. This design creates a wonderful lightning of the water falling into the pool.

10 selections of pre-programmed LED lighting patterns allow you to create the best luminous water features on your hands:

- Input power: 220 VAC +/- 15% 50/60 Hz
- Output power: 12V DC 60W maximum.

Includes remote control.



PB Series



Electric panel

CODE	MODEL	A (mm)	B (mm)	C (mm)	D (mm)	POWER (W)	FAMILY
HP-7202-50	PB300-25L	306	138	76	25	4	A
HP-7202-51	PB600-25L	606	138	76	25	8	A
HP-7202-52	PB900-25L	906	138	76	25	12	A
HP-7202-54	PB1200-25L	1206	138	76	25	17	A
HP-7202-58	Electric panel					60	A



FILTRATION

BLOWN MOULDED FILTER VELETA	38
BLUETANK BOBBIN-WOUND TANK	39
VOLCÁN FILTER	40
TEIDE FILTER	42
HIMALAYA LAMINATED FILTER	44
VALVES	46
CF SERIES FILTERS	48
EVEREST INDUSTRIAL FILTERS	50
BLUETANK INDUSTRIAL FILTERS	52
QUIMHIDRO FILTER MEDIA	54
CRISTAL POOL FILTER MEDIA	56
	58



VELETA

BLOWN MOLDED FILTER

Polythene tanks have been well-received by the industry due to their durability, trustworthy performance and economic reasons.

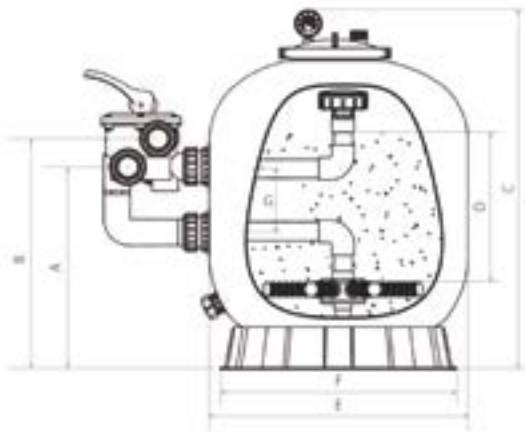
VELETA model series are equipped with a six-position, side mount multiport valve and ABS laterals.

MAIN FEATURES

- Suggested installation: for domestic use, in-ground and above ground pool and hot spa tub
- Universal standard of union connection provided.
- ABS laterals.

DESCRIPTION

- Transparent lid for a comfortable control of the filter material.
- Diffuser on the top of the filter.
- Easy-to-use 6-way valve.
- Pressure gauge.
- Supplied with D. 50mm connections.
- Maximum pressure of service: 2 Bar.
- Test pressure: 3 Bar.
- Max. temperature: 40°C.
- Highest filtration speed: 50m³/h/m².
- Grading of filter media: 0,5 - 1,3mm.
- Air purge



CODE	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
HP-4002-03	390	450	770	235	527	500	125
HP-4002-05	430	490	850	300	627	500	390

CODE	MODEL	FILTRATION AREA (m²)	CONNECTION (mm)	FILTERING LOAD (Kg)		MAXIMUM FLOW (m³/h)	FAMILY
				SILICA	CRYSTAL		
HP-4002-03	Blown moulded filter VELETA Ø500	0,196	50	85	72	10	A
HP-4002-05	Blown moulded filter VELETA Ø650	0,332	50	140	119	16	A
RPE-010325	S500/S650 filter cover						B
RPE-0211134	S500/S650 cover gasket						B
RPE-01271010	S500/S650 clamp						B
RPE-020131	Pressure gauge						B
RPE-090130	Air purge screw						B
RPE-01111048	Pressure gauge connector						B
RPE-020107/8	Screw with nut for clamp (each)						B



BLUETANK

BOBBIN-WOUND FILTERS

Bobbin-wound fiberglass reinforced tanks still are the most popular filters in the industry.

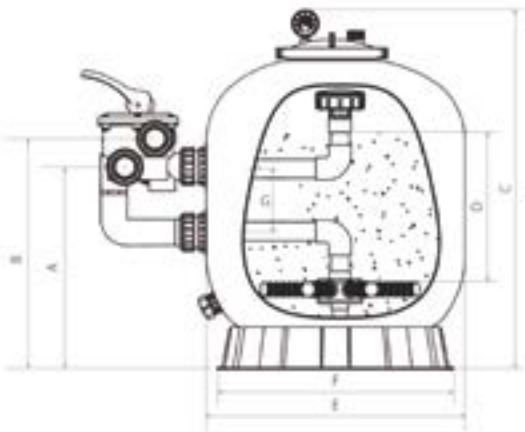
The BLUETANK model series filters are equipped with a six-position multiport valve and ABS laterals.

MAIN FEATURES

- Suggested installation: for domestic use, in-ground and above ground pool and hot spa tub
- Universal standard union connections provided
- ABS laterals.

DESCRIPTION

- Resistant filters made of fiberglass.
- Transparent lid for a comfortable control of the filter material.
- Pressure gauge.
- Valve 1,5", 2", 2"1/2 (according to filter diameter).
- Supplied with connections.
- Maximum pressure of service: 2,5 Bar
- Test pressure: 4 Bar.
- Max. temperature: 43°C.
- Highest filtration speed: 50m³/h/m².
- Grading of the filter media 0,5 - 1,3mm.
- Air purge



CODE	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
HP-4002-02	390	450	770	235	535	500	180
HP-4002-04	430	490	850	300	635	500	180
HP-4002-10	700	770	1220	580	1020	800	220
HP-4002-12	773	844	1220	480	1020	780	236
HP-4002-14	836	1079	1410	640	1200	1000	236

CODE	MODEL	FILTRATION AREA (m²)	CONNECTION (mm)	FILTERING LOAD (Kg)		MAXIMUM FLOW (m³/h)	FAMILY
				SILICA	CRYSTAL		
HP-4002-02	Bobbin-wound filter BLUETANK Ø500 1" 1/2	0,22	50	85	68	11,1	A
HP-4002-04	Bobbin-wound filter BLUETANK Ø650 1" 1/2	0,32	50	145	116	15,6	A
HP-4002-10	Bobbin-wound filter BLUETANK Ø1000 2"	0,82	63	620	496	40,2	A
RPE-010325	S500/S650 filter cover						B
RPE-0211134	S500/S650 cover gasket						B
RPE-01271010	S500/S650 clamp						B
RPE-020131	Pressure gauge						B
RPE-090130	Air purge screw						B
RPE-01111048	Pressure gauge connector						B
RPE-020107/8	Screw with nut for clamp (each)						B

TEIDE FILTER

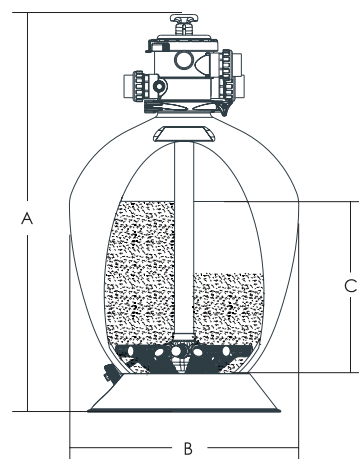


For residential and semi-commercial pools.

One-piece blow-molded filter tank combining the technology of structural engineered high-density polyethylene material manufactured to maximize the strength of the filter. It is perfectly suited for all pools with different disinfection systems (Salt chlorinator, Ozone, UV, and chemical dosing).

The TEIDE Filter is engineered for the best clarity of filtered water and an outstanding pressure standard among the market benchmarks.

The filter incorporates a multiport valve manufactured from robust components to create the most efficient, reliable, and user-friendly filter with the best value for money positioning in the market.



CODE	DIMENSIONS (mm)		
	A	B	C
500	1040	508	400
600	1090	610	457
700	1232	711	516

ADVANTAGES

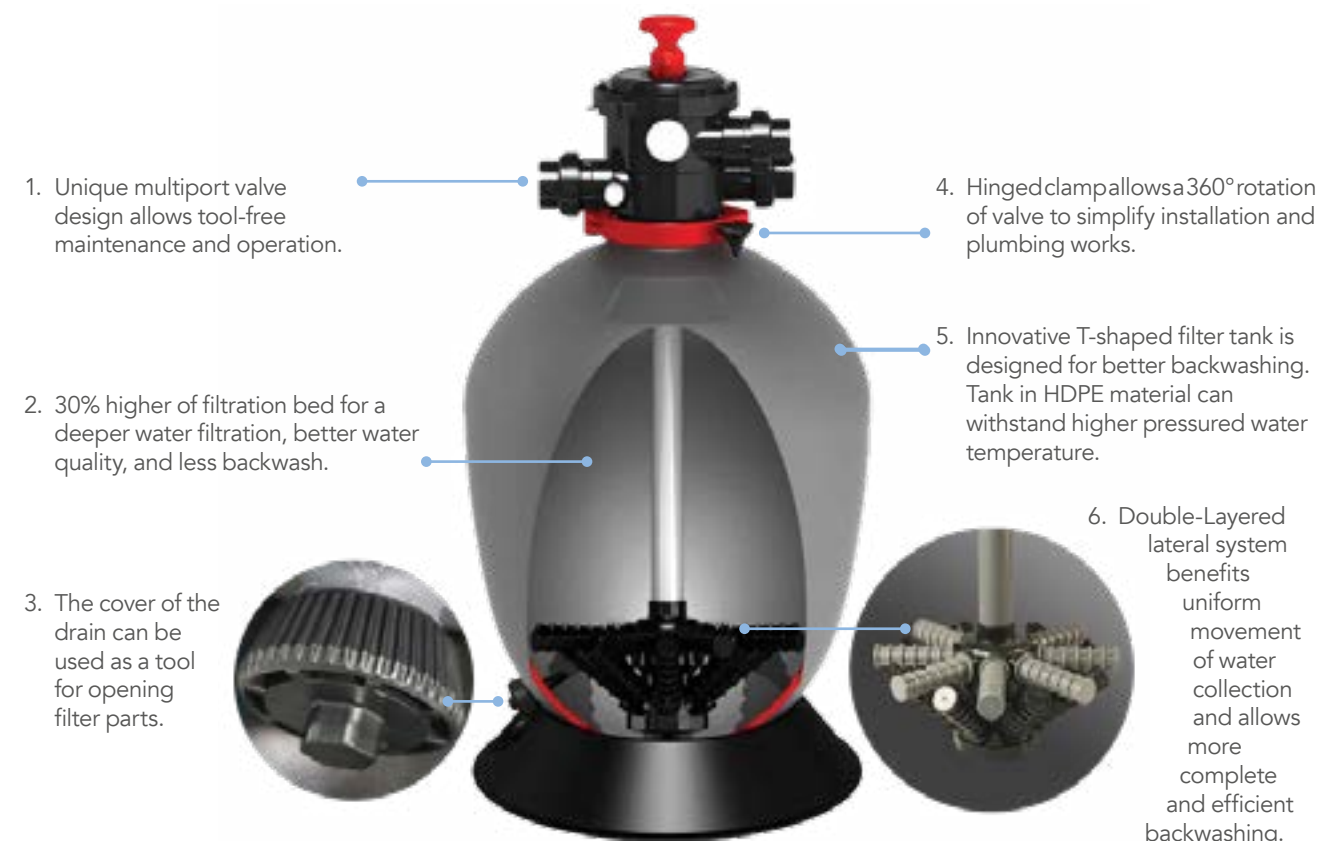
- **Better Water:** 30% more volume of filtration bed among other filters in the market to improve the filtration quality.
- **Less Backwash:** The high volume of filtration bed allows the filter to trap more dirt and as a result, less frequency of backwash is required.
- **User-friendly:** Easy to install, maintain and replace. Affordable spare parts available.
- **High compatibility:** The filter and its components are compatible in all different kinds of pool applications.
- **Robust Performance:** HDPE filter body provide the best protection under any extreme weather conditions.

MAIN FEATURES

1. Tank Material: HDPE.
2. Max Operating Pressure: 58 psi / 4 bar.
3. Max Temperature: 50°C (122°F).
4. Suggested Size of Media: 0.5-0.8mm.
5. 6-way clamp style multiport valve (1.5"MPV07, 2"MPV08).
6. Universal standard of union connection.
7. Pressure gauge.
8. ABS lateral system.
9. TEIDE filter warranties:
 - HDPE filter body 10 years.
 - Rest of components 5 years



PROFESSIONAL APPROACH OF CREATING BETTER WATER



ENGINEERED FOR THE DIFFERENCES ULTIMATE FILTER PERFORMANCE

CODE	MODEL	FILTRATION AREA (m²)	CONNECTION (mm)	MAXIMUM FLOW (m³/h)	FAM.
HP-4006-05	TEIDE Filter 500	0,20	50	10	A
HP-4006-06	TEIDE Filter 600	0,29	50	14,6	A
HP-4006-07	TEIDE Filter 700	0,39	63	19,5	A



VOLCÁN

BLOWN MOLDED FILTER

Tested at 4 bar

Volcán is a blown polyethylene filter that offers high performance at a low cost. Its distinctive colour not only makes it easy to identify, but also adds an aesthetic touch to the environment. In addition, it is equipped with a sturdy polypropylene base, which gives it great stability.

It includes a pressure gauge and a side selector valve for easy control and management of the filtration process. Its lid, equipped with a special locking system, guarantees a hermetic and secure seal, while the drain plug allows easy maintenance and cleaning of the filter.

This filter, with a maximum working pressure of 2.5 kg/cm², is designed to withstand demanding operating conditions. Its filtration capacity of up to 50 m³/h/m² ensures efficient performance in removing impurities and contaminants, guaranteeing a clean and high quality water supply.

MAIN FEATURES

- Filters made of blown polyethylene.
- Special closing system for greater safety.
- Equipped with pressure gauge and manual air vent.
- Six-way side screw selector valve for the following operations: filtration, rinsing, recirculation, washing, emptying and closing.
- Polypropylene foot.
- Maximum filtration speed 50 m³/h/m².
- Maximum working pressure: 1,5-2 Bar.
- Recommended filter media particle size: 0,5 - 5,0mm.
- Maximum working temperature: 40 °C.
- **Filter tested at: 4.0 Kg/cm² pressure.**



REINFORCED LOCKING SYSTEM, MORE SECURE



AVANTAGES

- **Functionality:** equipped with the 6-position selector valve that allows filtering, washing, rinsing, recirculating, emptying and closing the filter.
- **Special reinforced closing system, safer.**
- **Capacity:** by incorporating 1" diameter collectors, the filtration surface area is increased and efficiency is improved.
- 1"1/2" valves for threading or gluing.
- **Total guarantee: 3 years, bottle guarantee: 10 years.**



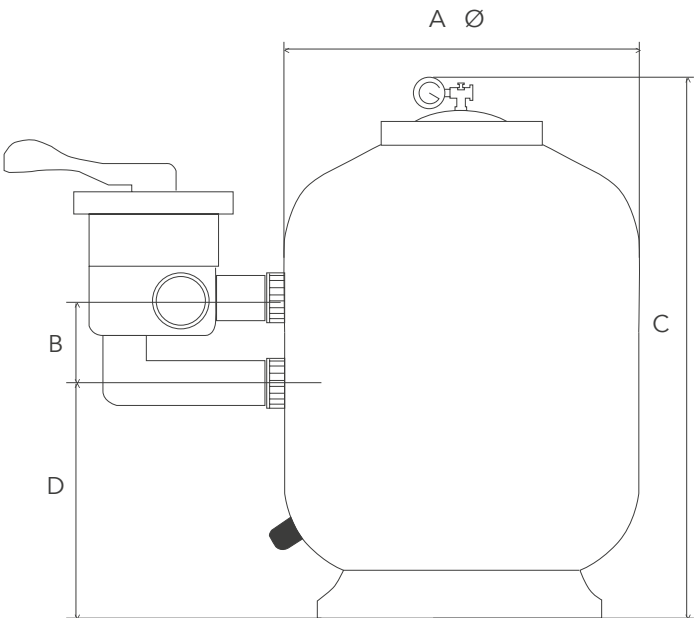
CLICK HERE VOLCÁN FILTERS VIDEO



SELECTOR VALVE INCLUDED

6-way for operations of:

- Filtration.
- Rinsing.
- Recirculation.
- Washing.
- Emptying.
- Closing.



CODE	DIMENSIONS (mm)				
	Ø	A	B	C	D
HP-4009-03	300	300	127	510	217
HP-4009-04	400	400	127	570	237
HP-4009-05	500	500	130	730	303
HP-4009-06	600	600	135	805	323

SAFETY, QUALITY, EFFICIENCY AND VERSATILITY



POSSIBILITY OF CUSTOMISING THE COLOUR AND NAME OF THE FILTER

CONSULT YOUR SALES REPRESENTATIVE

CODE	MODEL	FILTER AREA (m²)	CONNECTION (mm)	FILTERING LOAD (Kg)		MAXIMUM FLOW (m³/h)	FAM.
				SILICA	CRYSTAL		
HP-4009-03	VOLCÁN Ø300 blown molded filters	0,07	50	40	35	3,5	A
HP-4009-04	VOLCÁN Ø400 blown molded filters	0,125	50	50	45	6	A
HP-4009-05	VOLCÁN Ø500 blown molded filters	0,197	50	75	67	10	A
HP-4009-06	VOLCÁN Ø600 blown molded filters	0,282	50	150	135	14	A
HP-4009-12	VOLCÁN filter cover						B
HP-4009-14	VOLCÁN cover gasket						B
HP-4009-16	VOLCÁN cover clamp						B
HP-4008-46	Pressure gauge + Air purge						B

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



LAMINATED FILTERS HIMALAYA

Tested at
4 bar

Himalaya is a laminated filter made from a combination of polyester and fibreglass, which ensures high strength and durability. Its striking yellow colour not only makes it easily identifiable, but also adds an aesthetic touch to any environment.

This filter has a sturdy polypropylene foot for stability and support during operation.

It incorporates a pressure gauge and a side selector valve for easy control and management of the filtration process. The lid is secured with screws, ensuring a hermetic and secure seal, and has a practical cap for emptying the water, simplifying maintenance and cleaning of the filter.

With a maximum working pressure of 2.5 kg/cm², this filter is designed to withstand demanding operating conditions. In addition, its maximum filtration rate of 50 m³/h/m² guarantees optimum performance in removing impurities and contaminants from the water, thus ensuring a clean, high quality water supply.

MAIN FEATURES

- Laminated sand filters in polyester resin and fiberglass.
- Equipped with pressure gauge and manual water drain.
- Six-way side screw selector valve for filtration, washing, rinsing, recirculation, draining and closing operations.
- Base in polypropylene, except for the filter Ø920 which is made of polyester resin and fiberglass
- Maximum filtration speed: 50 m³/h/m²
- Maximum working pressure: 2,5 Bar
- Suggested size of the filter media: 0,5 - 5,0mm
- Max working temperature: 40 °C
- **Testing Pressure: 4.0 Kg/cm²**

WARRANTY
5 years
POLYESTER

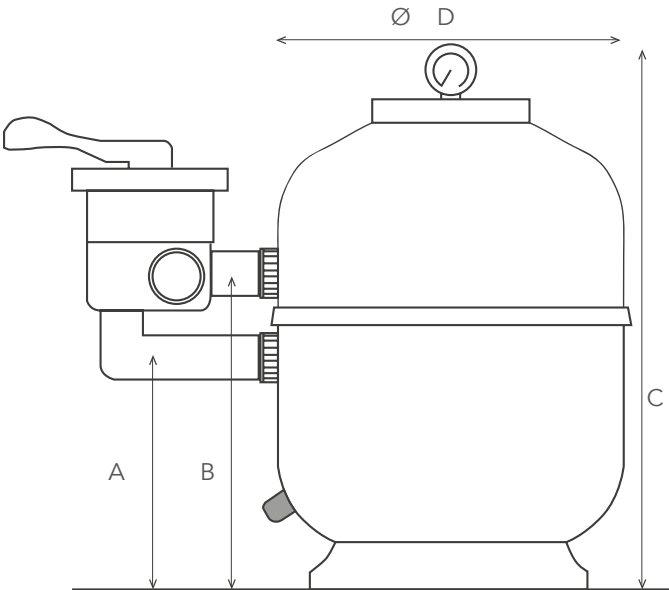
WARRANTY
3 years
WARRANTY



NEW LID WITH
TOOL-FREE
LOCKING

ADVANTAGES

- **Functionality:** equipped with a 6-position selector valve that allows filtering, washing, rinsing, recirculating, emptying and closing the filter.
- **Capability:** incorporating a 1" diameter manifold increases the filtration surface and improves its efficiency.
- 1"1/2 and 2" valves according to filter diameter.
- **Total warranty: 3 years, polyester warranty: 5 years.**



SELECTOR VALVE INCLUDED

6-way for operations of:

- Filtration.
- Rinsing.
- Recirculation.
- Washing.
- Emptying.
- Closing.

CODE	DIMENSIONS (mm)					Weight (Kg)
	Ø	A	B	C	D	
HP-4008-02	500	300	420	800	500	15,5
HP-4008-05	620	320	440	900	620	24
HP-4008-07	760	360	560	1030	760	35
HP-4008-09	920	380	580	1080	920	44,5

**SAFETY, QUALITY,
EFFICIENCY AND
VERSATILITY**



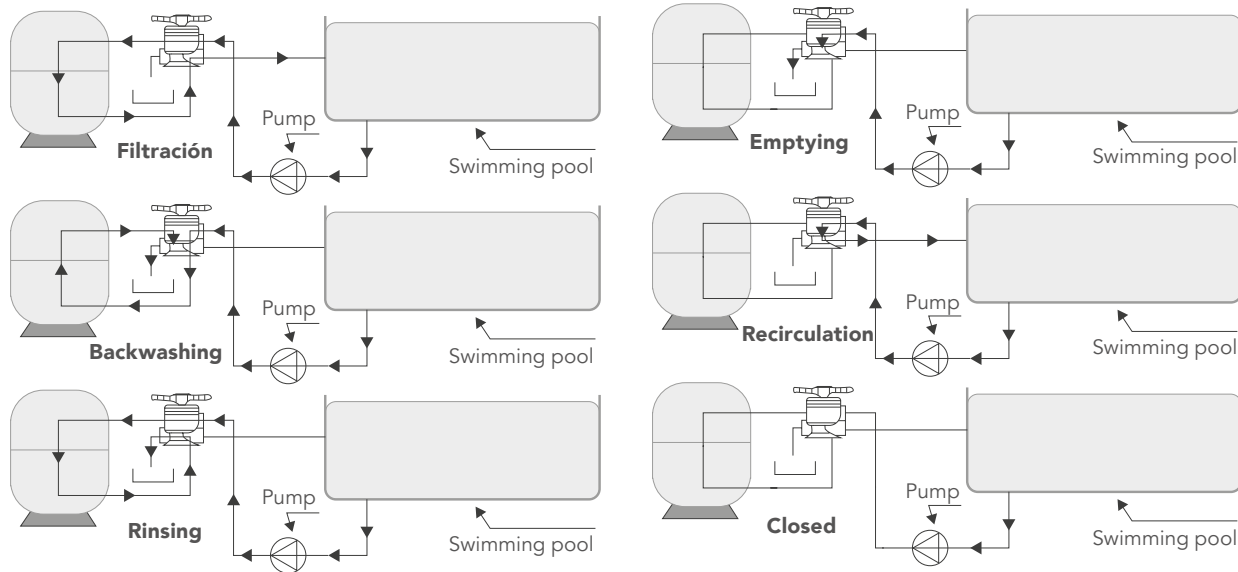
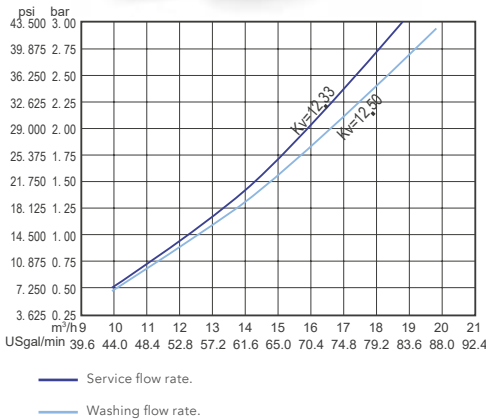
**POSSIBILITY OF CUSTOMISING THE
COLOUR AND NAME OF THE FILTER**
**CONSULT YOUR SALES
REPRESENTATIVE**

CODE	MODEL	FILTER AREA (m ²)	CONNECTION (mm)	FILTERING LOAD (Kg)		MAXIMUM FLOW (m ³ /h)	FAMILY
				SILICA	CRYSTAL		
HP-4008-02	Laminated filter HIMALAYA Ø500	0,20	1" 1/2	75	60	10	A
HP-4008-05	Laminated filter HIMALAYA Ø620	0,30	1" 1/2	140	120	15	A
HP-4008-07	Laminated filter HIMALAYA Ø760	0,42	2"	300	260	22	A
HP-4008-09	Laminated filter HIMALAYA Ø920	0,60	2"	450	400	30	A
HP-4008-42	HIMALAYA filter cover						B
HP-4008-43	HIMALAYA filter cover gasket						B
HP-4008-44	Cover lock nuts						B
HP-4008-46	Pressure gauge + Air purge						B

AUTOMATIC VALVE
JÚCAR



- The only valve on the market with ceramic selector.
- Side position valve.
- Pump stop and start function: programmable by hours.
- The electronic circuit allows a solenoid valve to be connected to the drain.
- The electronic circuit also allows connection to the pump so that it can stop at each change of valve position and also allows operation without the pump stopping at each change of position.
- For flushing, it enters automatically by means of the signal transmitted by the pressure switch that accompanies the valve or by means of a timer in the circuit.



CODE	MODEL	CONNECTION INLET/OUTLET & DRAIN	FLOW RATE SERVICE (m³/h)	BOTTLE DIAMETER (mm)	WORK PRESSURE (bar)	WORKING TEMP.	DIM. (mm)	TRANSF. INPUT	MAX. POW.	FAM.
HP-5010-02	Automatic valve JÚCAR	1,5"	15	400-650	2,5	5 – 45C°	315,6x414x287	115-230V AC 50/60Hz	70 W IP 65	A



5 WAY BUTTERFLY VALVES

- The manual batteries for filters are equipped with 5 high quality PVC butterfly valves, and a panel of pressure gauges for pressure control.
- Supplied unglued. Simple packaging, easy to handle and transport.
- Possibility of installing with right or left hand mounting.
- Installation and cutting guide included.
- Batteries assembled on request.
- Diameter Ø 110 to Ø 225 batteries include support.

CODE	MODELØ (mm)	FAMILY
HP-5002-01	5 way butterfly system Ø 75	B
HP-5002-02	5 way butterfly system Ø 90	B
HP-5002-03	5 way butterfly system Ø 110	B
HP-5002-04	5 way butterfly system Ø 125	B
HP-5002-05	5 way butterfly system Ø 140	B
HP-5002-06	5 way butterfly system Ø 160	B
HP-5002-08	5 way butterfly system Ø 225	B



VALVES

ABS 6-way selector valve.

CODE	MODEL	FAMILY
RPE-MPV03+	6 way selector valve 1 ½" BLUETANK and VELETA	A
RPE-MPV04	6 way selector valve 2" BLUETANK and VELETA	A
RPE-MPV12	6-way valve 2 ½"	A
RPE-MPVMONO	Valve Top FSU	A
HP-4018-02	6-way valve 1 ½" - HIMALAYA - VOLCÁN	A
HP-4018-04	6-way valve 2" - HIMALAYA - VOLCÁN	A



ACCESSORIES

CODE	MODEL	FAMILY
HP-5002-30	Pressure Gauge Panel	B
TU-3003-01	Suction cup	B

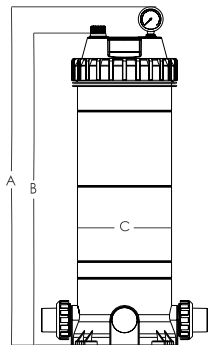
WASH WATER RECOVERY FILTER CF SERIES

Special filters for the recovery of water and chemicals from pool filter washes.

By implementing these filters, we are able to reuse the water used to wash the pool filter system.

It is no longer necessary to dispose of this resource, with its associated chemicals; it is now simply filtered again and reintegrated into the pool's aquatic system.

- UV Resistant plastic tank.
- Heavy-duty ring-lock lid, which allows easy cleaning and replacement of the cartridge element.
- Screw-type air bleeder for easy removal of trapped air inside the filter tank.
- Pressure gauge.
- Max. Operating Pressure: 2.5 Bar.
- Max. Temperature: 40°C



CODE	DIMENSIONS (mm)		
	A	B	C
HP-4202-02	445	387	225
HP-4202-04	625	567	225
HP-4202-05	805	747	225
HP-4202-06	985	927	225
HP-4202-07	1165	1107	225
HP-4202-08	1345	1287	225

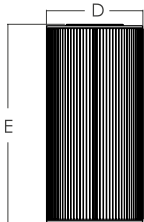
CODE	FILTER MODEL	FILTER AREA (m²)	VALVE CONNECTIONS	MAX. FLOW RATE	FAM.
HP-4202-02	CF25 Filter	2.25	1.5" / 50mm	92 lpm 5.5m³/h	A
HP-4202-04	CF50 Filter	4.63	1.5" / 50mm	190 lpm 11.4m³/h	A
HP-4202-05	CF75 Filter	7.00	1.5" / 50mm	283 lpm 17.0m³/h	A
HP-4202-06	CF100 Filter	9.40	2.0" / 63mm	382 lpm 22.9m³/h	A
HP-4202-07	CF150 Filter	13.72	2.0" / 63mm	555 lpm 33.4m³/h	A
HP-4202-08	CF200 Filter	16.82	2.0" / 63mm	680 lpm 40.9m³/h	A



CARTRIDGES CF SERIES

Cartridges for CF SERIES filters.

- Max. Operating Pressure: 2.5 Bar.
- Max. Temperature: 40°C



CODE	DIMENSIONS (mm)		CODE	CARTRIDGE	FOLDS N.	MM	FILTER AREA (m²)	FAM.
	D	E						
HP-4204-02	183	184,5	HP-4204-02	CF25-CE	150	15	2,25	A
HP-4204-04	183	364,5	HP-4204-04	CF50-CE	150	15	4,63	A
HP-4204-04	183	544,5	HP-4204-05	CF75-CE	150	15	7,00	A
HP-4204-04	183	724,5	HP-4204-06	CF100-CE	150	15	9,40	A
HP-4204-04	183	904,5	HP-4204-07	CF150-CE	175	15	13,72	A
HP-4204-04	183	544,5x2	HP-4204-08	CF200-CE	180	15	16,82	A

RECOVER WATER FROM YOUR
FILTER BACKWASHES



NEW



EVEREST INDUSTRIAL FILTERS

Tested at
4 bar

Everest is a laminated filter reinforced with polyester fibre on a monobloc polyester and fibreglass body.

It has a pressure gauge and a valve to extract the air from the filter.

MAIN FEATURES

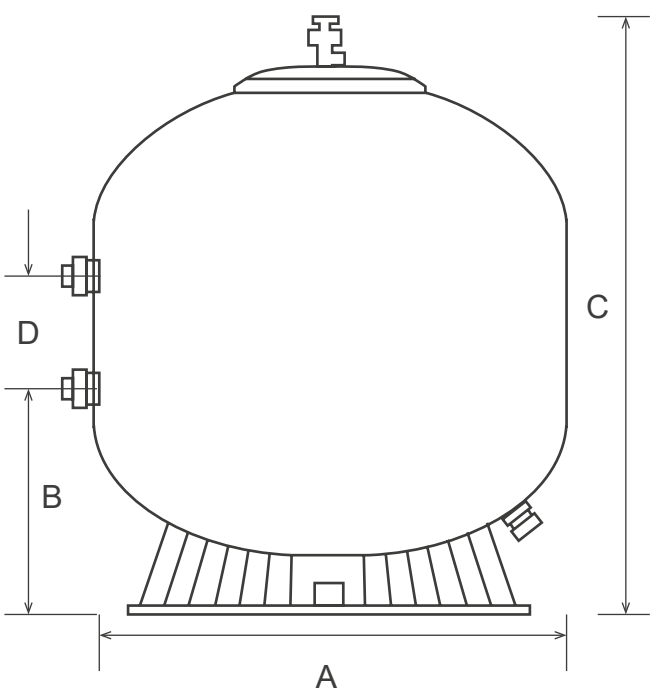
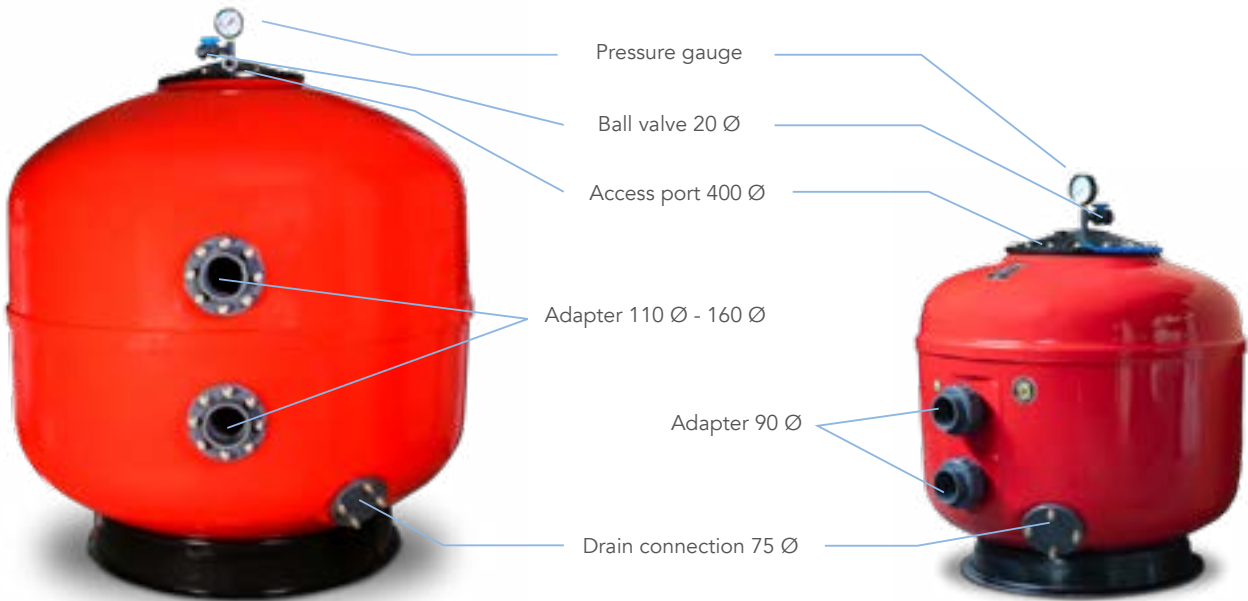
- Seals are EDPM, and bolts are STAINLESS.
- Suitable for use with seawater.
- Collector diffuser suitable for saltwater.
- Collector made of ABS..
- Loading access/manhole side Ø 400 mm.
- Cover made of fiberglass reinforced pp DN400.
- 0-6 bar PRESSURE GAUGE.
- Maximum working pressure: 2,5 Kg/cm².
- Recommended filter media particle size: 0,4 - 5,0mm.
- Maximum working temperature: 45 °C.
- Filtration working area 0,86 - 3,14m².
- Filtration speed: 30 - 40 - 50.
- **Filter tested at: 4.0 Kg/cm² pressure.**

WARRANTY
5 years
POLYESTER

3 years
WARRANTY

1400-1600-2000 FILTERS

1050-1250 FILTERS



CODE	DIMENSIONS (mm)				
	Ø	A	B	C	D
HP-4005-105	1050	1050	450	1150	195
HP-4005-125	1250	1250	520	1430	195
HP-4005-140	1400	1400	660	1600	195
HP-4005-160	1600	1600	705	1850	195
HP-4005-200	2000	2000	850	2030	195

PROTECTION, EXCELLENCE & PERFORMANCE

OPTIONAL DOUBLE PRESSURE GAUGE SET

Pressure gauge panel

- Precision pressure gauges with 2 independent glycerine pressure gauges.
- Large gauge dial.
- Double-sided on/off and vent valves.



CODE	MODEL	FILTER AREA (m²)	CONNEC. (mm)	FILTERING LOAD (Kg)		MAXIMUM FLOW (m³/h/m²)			FAM.
				SILICA	CRYSTAL	30	40	50	
HP-4005-105	EVEREST Filters Ø1050	0,866	90	750	675	25	34	43	B
HP-4005-125	EVEREST Filters Ø1250	1,227	90	900	810	36	48	61	B
HP-4005-140	EVEREST Filters Ø1400	1,099	110	1800	1620	46	62	77	B
HP-4005-160	EVEREST Filters Ø1600	2	110	3500	3150	60	80	100	B
HP-4005-200	EVEREST Filters Ø2000	3,141	160	4000	3600	94	126	157	B
HP-4005-204	Double pressure gauge set option								B



INDUSTRIAL FILTERS

BLUETANK

Polyester bobbin-wound filters for 1m filter bed, with collector arms made of polyester reinforced with glass fibre

HIGHLIGHT FEATURES

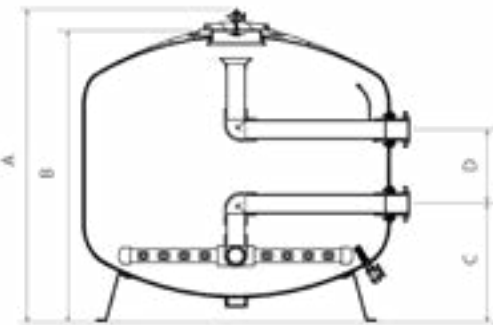
- Diameter: Ø (mm): 1050 - 1200 - 1400 - 1600 - 1800 - 2000 - 2200 - 2350 - 2500 -3000
- Max. working pressure: 2,5 Bar
- Test pressure: 3,75 Bar
- Max. working temperature: 50°C

DESCRIPTION

- Helical and radial winding with fiberglass yarn and pigmented DCPD-based orthophthalic resin.
- Connections made of PVC PN10 or laminated flange. Standard DIN 2501.
- Top access with oval cap made of fiberglass reinforced polyester, 420 x 335mm.
- Diffuser, collector and drains made of PVC PN10
- Lifting eyebolts according to DIN 580 from Ø2350 filters. Optional in the rest of the models.
- The filter is supplied without valves.

OPTIONS SUBJECT TO MANUFACTURE ON DEMAND

- Possible mounting with oval lateral mouth, Ø400 or Ø500, depending of the model.
- Ozone-resistant coating.
- Suitable for food contact.
- Hydraulic test certificate by external entities.
- Plate diffuser.
- For PN4 or PN6 pressures.



CODE	DIMENSIONS (mm)				
	Ø	A	B	C	D
BT-0120-02	1050	1816	1680	625	550
BT-0121-03	1200	1816	1680	630	550
BT-0122-04	1400	1816	1680	630	550
BT-0123-04	1600	1916	1780	720	490
BT-0124-05	1800	1956	1820	750	440
BT-0125-06	2000	2060	1920	770	490
BT-0126-07	2200	2135	2005	850	420
BT-0127-07	2350	2376	2240	940	500
BT-0128-09	2500	2700	2560	1080	550
BT-0129-08	3000	2870	2735	1175	550

CODE	Ø (mm)	FLANGE	FILTER AREA (m²)	WEIGHT (Kg)	SILICA 0,4-0,8 (Kg)	SILICA 1,0-2,0 (Kg)	FAMILY
BT-0120-02	1050	75	0,86	125	1150	150	B
BT-0121-03	1200	90	1,13	159	1525	200	B
BT-0122-04	1400	110	1,54	178	2075	325	B
BT-0123-04	1600	110	2,01	240	2725	450	B
BT-0124-05	1800	125	2,54	275	3450	575	B
BT-0125-06	2000	140	3,14	300	4250	1000	B
BT-0126-07	2200	160	3,80	425	4925	1000	B
BT-0127-07	2350	160	4,33	535	5850	1600	B
BT-0128-09	2500	225	4,90	875	6625	1700	B
BT-0129-08	3000	225	7,07	-	9500	2800	B



POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



TX-POOL QUIMHIDRO FILTER MEDIA

- **Tx-pool** is a next-generation, high-purity filter medium that has been chemically treated to deliver **unprecedented filtration efficiency**.
- Thanks to its **microporous structure**, high specific surface area (**35–40 m²/g**), and ionic adsorption capacity, Tx-pool is capable of **retaining particles as small as 1 to 5 microns**, removing organic compounds such as ammonia, and preventing the formation of chloramines, which cause unpleasant odors and eye irritation.



NSF

CERTIFIED TO
NSF/ANSI 61

Complies with
UNE 16070

WE FILTER FROM 1 TO 5 MICRONS AND
ATTACK IRON, AMMONIUM, AND LIME
IN YOUR POOL.



- WATER SAVINGS:**
- 5x fewer backwashes than traditional sand
 - 7x higher permeability - allows for longer cycles
 - Typical savings: 60-75% in backwash water



- ENERGY SAVINGS:**
- 5x fewer backwashes than traditional sand
 - 7x higher permeability - allows for longer cycles
 - Typical savings: 60-75% in backwash water



- HIGHER FILTERING QUALITY:**
- Filters particles down to 1-5 microns vs. 25-100 microns sand
 - 85% better removal of suspended particles
 - Consistently crystal clear water



- CHEMICAL OPTIMIZATION:**
- Adsorbs 27,851 mg/L of ammonia per cubic foot
 - Prevents chloramines = no eye irritation
 - 25% fewer chemicals required

LIGHTWEIGHT AND POROUS
It has twice the flow capacity, so it
requires less filtration area.

GREAT ABSORBENT
Due to its high adsorption capacity,
TX-Pool can retain particles down to
5 microns, providing unmatched water
quality.

ION EXCHANGE
The adsorption capacity of TX-Pool
reduces the need to apply clarifiers.

CODE	MODEL	PARTICLE RETENTION (micras)	FLOW RATE (m³/h/m²)	SURFACE AREA (m²/g)	VOLUMETRIC WEIGHT (kg/m³)	GRAIN FIRM- NESS	APARENT DENSITY (Kg/L)	OPERATING PRESSURE	FAM.
HP-0408-50	TX-Pool filter media	1-5	15-50	35-40	690	77.4N	0,72	35-50 PSI	B

* Supplied in 21.5 kg bags

PROVEN SUPERIOR PERFORMANCE

PARAMETERS	SILICA ARENA	TX POOL	IMPROVEMENT
FILTERED PARTICLES	25-100 microns	1-5 microns	95% thinner
LOAD CAPACITY	1x	2.4x	140% higher
FILTRATION RATE	3-6 gpm/ft²	8-15 gpm/ft²	150% faster
SURFACE AREA	2-4 m²/g	35-40 m²/g	1,000% higher
WEIGHT OF MATERIAL	50 kg/ft³	21.5 kg/ft³	60% less weight
FILTER DURATION	12-24 horas	72-120 horas	300% longer life

Quimhidro TX-Pool is designed to replace silica sand and filter glass in swimming pool purification systems. **TX-Pool significantly reduces water, energy, and chemical consumption**, keeping the water crystal clear for longer.

HIGHER
FILTERING
CAPACITY

PHYSICAL PROPERTIES

- **Grain size:** 2,38-1,19 mm
- **Uniformity coefficient:** 1,7
- **Color:** White
- **Surface area:** 35m²/g
- **Mohs hardness:** 3
- **Evident density:** 21,5 kg/ft³ 0,75 kg/L

PROVEN RESULTS

REAL PROJECT - OLYMPIC AQUATIC CENTER

- Backwashing: from 305 to 102 per year (67% decrease)
- Water consumed: -118,500 m³
- Total savings in 3 years: €335,000
- ROI: Return on investment in 3 months

SUSTAINABILITY AND SAVINGS

- Reduced environmental impact (fewer chemicals and discharges)
- Lower water and energy footprint
- Natural, renewable, and reusable product
- NSF/ANSI 61 certification – Safe for use in water

EASY INSTALLATION AND MAINTENANCE

- Ready to use (pre-dry cleaned)
- Compatible with all sand filters
- Simple regeneration process (extends service life up to 10 years)





QUIMHIDRO 100% impurity free



An example of a bad quality of crystal: impurities separated from the sample

CRISTALWATER QUIMHIDRO FILTER MEDIA

Quimhidro Hi-Tech glass filter media is a glass-based filter media developed with MC2© technology. Quimhidro is used to replace the conventional filter media, such as silica. Only Quimhidro offers a 10-year Quality Guarantee.

Quimhidro is a recycled glass highly resistant to erosion, and greatly reduces chemical contaminants.

The ultra-smooth surface of the particles of recycled glass prevents the proliferation of bacteria and algae which cause the filtration media to become caked and unusable

Quimhidro is a recycled glass with aseptic characteristics that helps to reduce the chloramine levels in water.

Great positive effect against calcareous accumulations, thus achieving a uniform filtration.

DISADVANTAGES OF CLASSICAL FILTER MEDIA:

- Limited lifespan
- High consumption of chemicals, water and energy.
- Poor hygiene due to biofilm generation.
- Generation of channels that reduce the quality of filtration.
- Anti-ecological: at the end of their useful life they become polluting waste
- Bacterial proliferation and increased chloramines

ADVANTAGES OF QUIMHIDRO:

- Maximum lifespan.
- Minimum consumption of chemicals, water and energy.
- Ideal filtering quality.
- Pressure loss is practically negligible.
- Maximum hygiene: it is an antiseptic that does not generate biofilm.
- It avoids matting.

Same kind of grain for any filter size
REUSABLE
(after repairing filter)



Certified to NSF/ANSI 61

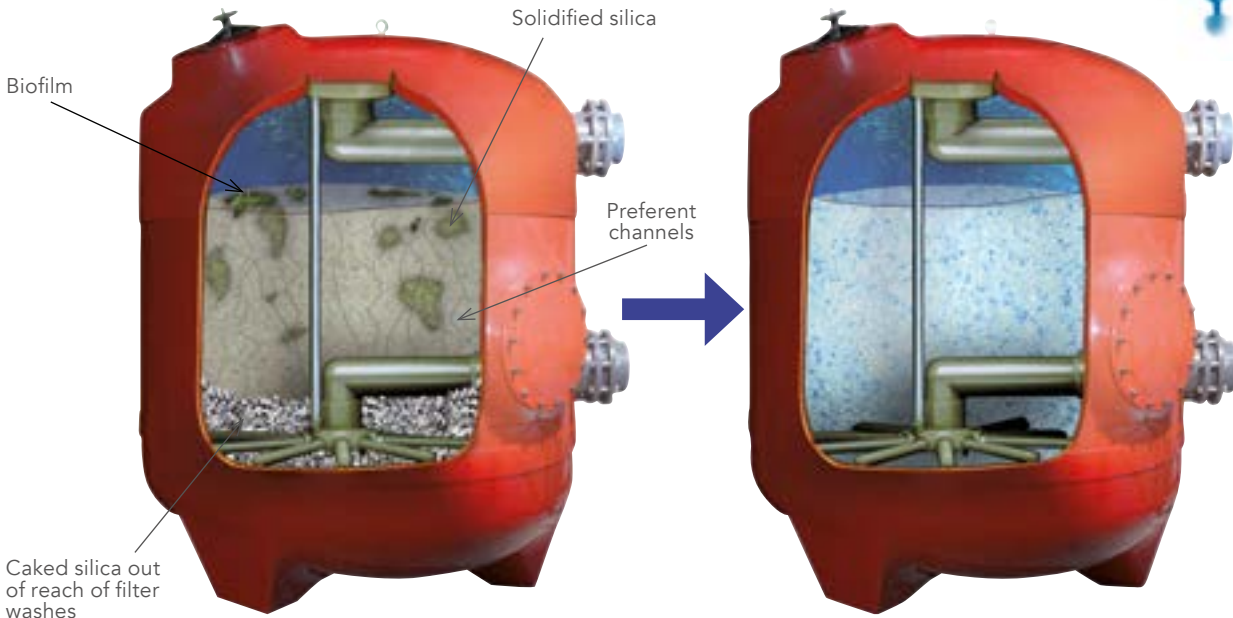


PRODUCT PRESENTATIONS

- 20 Kg Bag
- 960 Kg Pallet (big bag)
- 1000 Kg Pallet
- Trailer of 23 Tn

CODE	MODEL	FAMILY
HP-0408-20	Filtering crystal 0.5 - 1mm	A

COMPARISON OF CONVENTIONAL FILTRATION VS. QUIMHIDRO CRISTALWATER FILTRATION



STANDARD

CLASSICAL FILTERING
DISADVANTAGES DISAPPEAR

QUIMHIDRO CRISTALWATER



Water savings: Due to the fact that they do not segregate, but compact, preferential paths of unfiltered water are created and all the filtration channels remain open until they are saturated. **Quimhidro Cristalwater** maximizes the solid retention capacity reducing the need for filter washes from 35% to 700%



Energy savings: Because the maximization of open channels and the non-compaction of the bed offer less resistance to the passage of water than conventional beds, the pressure drop is lower, which reduces the need for energy to filter the same volume of water.



Chemical savings: Since Biofilm is not generated, the need for disinfectants, pH regulators, flocculants and algaecides is reduced between 10% and 60%. Likewise, by reducing the generation of undesirable chloramines, shock treatments and the need for partial water renewals are reduced.



Savings in maintenance: Because **Quimhidro Cristalwater** does not suffer wear due to abrasion or blows, it uses one single granulometry regardless of the size of the filter, it does not have a segregation effect, and it doesn't age, so not only it doesn't have to be changed periodically, but the bed can be reused indefinitely.



Increased safety: Since **Quimhidro Cristalwater** is the only filter glass that does not cut, it not only prevents accidents of the installation technicians, but it also prevents accidents of bathers in the event of leakage to the glass due to the breakage of nozzles in the filter.

These characteristics differentiate Quimhidro Cristalwater and make it the most profitable filter bed on the market.



CRISTAL POOL

FILTER MEDIA

Cristal Pool is a filter media, based on recycled glass developed exclusively for water filtration.

It is sanitised by advanced processes and packaged in recycled paper sacks.

Each type of industrial filtration has different typical suspended matter with different size ranges, so Cristal Pool focuses on retaining different size ranges, simultaneously optimising water and energy savings and maximising filtration.

The target size ranges are met using high calibration technology, which allows control of the size and proportion of the microchannels formed in the filter mass.

PERFORMANCE



The quality of the filtration depends on the total retention capacity of the retained suspended matter. **High Calibration technology guarantees a high retention capacity** under all circumstances.

EFFICIENCY



High Calibration Technology has been developed to keep open the microchannels that form in the filter mass. As a result, the head loss is minimal and the clogging capacity is extreme. As a result, **pump consumption is very low and backwash periods are extended**, achieving high energy and water savings.

DURABILITY



The same effect of open microchannels allows a constant water flow through the entire filter surface, **creating an Anti-Biofouling effect (biofouling)**. If this type of fouling is not avoided, it leads to compaction and ends the life of the filter media.

PRODUCT PRESENTATIONS

- 20 Kg Bag
- 960 Kg Pallet (big bag)
- 1000 Kg Pallet
- Trailer of 23 Tn

CODE	MODEL	FAMILY
HP-0408-40	Cristal Pool Filtering crystal	A

	CRISTAL POOL
	SWIMMING POOL APPLICATION
Description	High-calibration technical glass for water filtration. To be used with 40% Basecoat (For filters ≥ 750 Ø).
Composition	SiO2 (74%), Na2O (13%), CaO (10.5%), Al2O3 (1.3%), K2O (0.3%), SO3 (0.2%), MgO (0.2%), Fe2O3 (0.04%),TiO2 (0.01%)
Color	Multicoloured glass
Particle density	2.490 Kg/m³
Bulk density	1.335 Kg/m³
Granulometry	0,6 - 1,2 mm
Format	20 kg FSC recycled paper sack with UV-resistant PE interlayer
Precautions	Do not eat
Incompatibilities	Not detected
Installation	Install the NW40 High Calibration filter glass in the filter and backwash for 5 minutes before start-up.
Recommendations	Necessary quantity of Cristal Pool according to the filter manufacturer's specifications: 20% less by weight than silica sand is required. Before installing the filter, check the condition of the collectors and preferably replace them.
Maximum permissible flow rate	90 m³/h/m²
Typical operating flow rate	Between 15 and 50 m³/h/m²
Optimum airflow injection	50 m³/h/m²
Minimum backwash flow rate	40 m³/h/m²





PUMPS

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MCB & MPB PUMP SERIES



Bolt and screw 304 stainless steel

Fully covered by the impeller tail portion = Resistant to salt treatment and sea water

Supplied with affixable unions + inbuilt seal

Anti-explosion P2 aluminum capacitor

PFS = flexible pocket filter © (as standard)

Bearing 2RSC3 high-temperature, >10.000 hours

Shaft in 316L stainless steel, with balanced Rotor

Mechanical seal with special carbon side and resistant silicon carbide side (instead of ceramic) + viton seals

STAINLESS STEEL drain plug

RESIN-COATED MOTOR, 5-YEAR WARRANTY*

- Both moisture and waterproof
- Improved motor performance
- Prevents vibration and wear of the winding
- Less noise < dB
- Resin sealed electrical coils.

*Except bearings and capacitor

Single-phase pump:

- comes with 2.5m cable
- thermal protection included



COMPONENTS:



Pre-filter basket

Flexible Pocket Filter©

Retaining Collar with adjustment system



Stainless steel drain plug

PFS FLEXIBLE FILTER BAG

SYSTEM ADVANTAGES

Designed with a very fine mesh, for double safety (basket and pocket filter©), the system captures even the smallest impurities (e.g. pine needles, gravel, hair, etc.), that could otherwise cause damages to the pump to malfunction.

- It can be detached and cleaned
- It comes with pump as standard

DRAIN PLUG STAINLESS STEEL

Pools are usually loaded with residual electrical current. This phenomenon is amplified when a salt water chlorinator is used.

- If the pool is not earthed, the difference in potential between the pool and surrounding earth may cause damage to the pump (faster wear of bearings and pump mechanical seal due to the passing current).
- Thanks to a stainless steel plug, this current is evacuated towards the motor casing without touching the rotor shaft or bearings.

CODE	MODEL	FAMILY
HP-4400-92	MCB Bag	A
HP-4400-94	MPB Bag	A
HP-4400-80	Retaining collar MCB	A
HP-4400-96	Retaining collar MPB	A
HP-4400-98	Stainless stell drain plug	A
HP-4400-04	Prefilter basket MCB	A
HP-4400-19	Prefilter basket MPB	A



MCB+ PUMP SERIES

Self-priming MCB+ filtration pumps for swimming pools with a very high hydraulic efficiency, are ultra-silent and have a low consumption..

Made with high quality materials, they are compatible with saltwater and sea water treatments, being 4 to 5 grams of salt per litre of water the maximum ratio without corrosion. Compatible with salt chlorination.

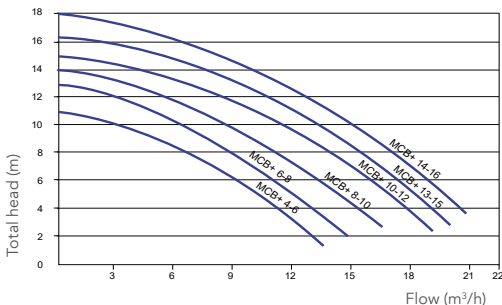
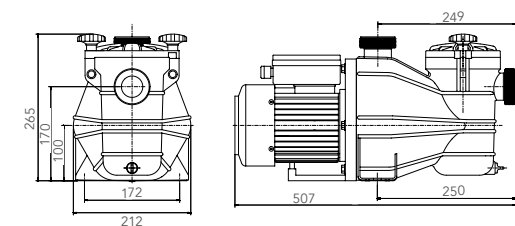
Monoblock pumps with a pre-filter that has a very fine mesh, to capture the smallest impurities more efficiently. The pre-filter is covered with a transparent lid which can be easily removed.

The noise level of the MCB+ pump is low, as it operates at 2800 rpm.

Recommended for pools from 20 to 100 m³.

CHARACTERISTICS OF MCB+ PUMPS:

- Power supply from 0,33 to 1,5 CV
- High hydraulic performance
- Ultra-silence pump
- Single-phase and three-phase power supply
- Pre-filter: basket covered by transparent lid easy to unscrew
- Stainless steel shaft, fully covered
- Encapsulated motor: resin iP55 F-Class
- Stainless steel screws and bolts
- Compatibility with salt water and seawater treatments
- Connection included of 1 1/2" (50mm diameter)
- Acceptable temperature of the liquid: + 5 °C to 50 °C
- Ambient temperature up to 40 °C
- In single-phase: built-in thermal protection
- 5-year warranty on the engine and 3 years on the pump, except lid and condenser



CODE	MODEL	RATING (HP)	MAX.CURRENT (A)	POWER (W)	VOLTAGE (V)	Ø (mm)	NET WEIGHT (Kg)	FLOW (m³/h) H=10m	PACKAGING (mm)	FAMILY
HP-4434-01	MCB+ 6-8 MONO	0,33	2,9	600	230	50	12,4	6	535x220x305	A
HP-4434-11	MCB+ 6-8 TRI	0,33	2 / 1,2	600	230/400	50	12,4	6	535x220x305	A
HP-4434-02	MCB+ 8-10 MONO	0,5	3,3	700	230	50	12,9	8	535x220x305	A
HP-4434-12	MCB+ 8-10 TRI	0,5	2,4 / 1,4	700	230/400	50	12,9	8	535x220x305	A
HP-4434-03	MCB+ 10-12 MONO	0,75	3,8	800	230	50	13,3	10	535x220x305	A
HP-4434-13	MCB+ 10-12 TRI	0,75	2,5 / 1,5	800	230/400	50	13,3	10	535x220x305	A
HP-4434-04	MCB+ 13-15 MONO	1	4,4	900	230	50	13,7	13	535x220x305	A
HP-4434-14	MCB+ 13-15 TRI	1	2,7 / 1,6	900	230/400	50	13,7	13	535x220x305	A
HP-4434-05	MCB+ 14-16 MONO	1,5	4,6	1000	230	50	14	14	535x220x305	A
HP-4434-15	MCB+ 14-16 TRI	1,5	3,5 / 2	1000	230/400	50	14	14	535x220x305	A
HP-4400-02	MCB Lid									B
HP-4400-03	MCB Joint									B
HP-4400-04	MCB Basket									B
HP-4400-05	Nut									B
HP-4400-06	MCB connection fitting									B
HP-4400-07	Junta racor									B
HP-4400-08	MCB and MPB mechanical seal									B



MPB PUMP SERIES

Self-priming MPB filtration pumps for pools are equipped with a 228° adjustable pre-filter (patented system), that allows them to be installed in small spaces where a classic pool pump could not be available.

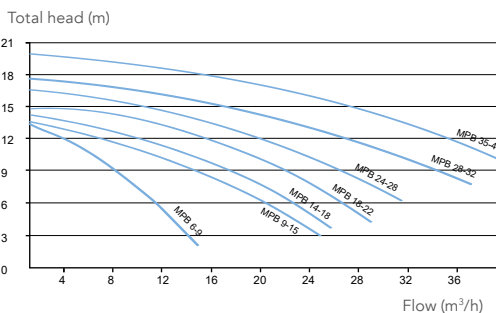
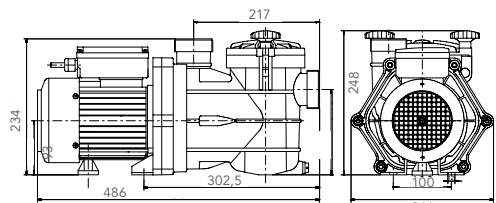
Made with high quality materials, they are compatible with salt water treatments, being 4 to 5 grams of salt per liter of water the maximum ratio without corrosion.

Also equipped with a transparent cover, you can always see the loading level of the filter, knowing if it is necessary to empty without removing the cover, thus minimizing the handling.

Recommended for pools from 25 to 320 m³.

CHARACTERISTICS OF MPB PUMPS:

- Patented pre-filter adjustable up to 228°
- Gradual adjustment for better adaptation to the angle of the suction tube
- Feed pumps Ø50 / 63 (from 0,5-1 CV) or Ø63 (from 1,5-3 CV)
- High hydraulic performance
- Ultra silence pump
- Single-phase and three-phase power supply
- Prefilter: basket covered by transparent lid easy to unscrew
- Large pre-filtered surface
- Stainless steel 316 shaft, fully covered
- Motor: resin iP55 F-Class
- 304 L Stainless steel screws and bolts
- Compatibility with salt water
- Connection included Ø50 or Ø63
- Acceptable temperature of the liquid: + 5 °C a 50 °C
- Ambient temperature up to 40 °C
- 5-year warranty on the engine and 3 years on the pump, except lid and condenser.



CODE	MODEL	RATING (HP)	MAX.CURRENT (A)	POWER (W)	VOLTAGE (V)	Ø (mm)	NET WEIGHT (Kg)	FLOW (m³/h) H=10m	PACKAGING (mm)	FAMILY
HP-4430-01	MPB 6-9 MONO	0,5	2,9	650	230	50	15	6	585x260x330	A
HP-4430-11	MPB 6-9 TRI	0,5	2 / 1,2	650	230/400	50	14	6	585x260x330	A
HP-4430-02	MPB 9-15 MONO	0,75	4	850	230	50	15	9	585x260x330	A
HP-4430-12	MPB 9-15 TRI	0,75	2,6 / 1,5	850	230/400	50	14	9	585x260x330	A
HP-4430-03	MPB 14-18 MONO	1	4,7	1000	230	50	16	14	585x260x330	A
HP-4430-13	MPB 14-18 TRI	1	3,5 / 2	1000	230/400	50	15	14	585x260x330	A
HP-4430-04	MPB 18-22 MONO	1,5	5,5	1250	230	63	16	18	600x260x330	A
HP-4430-14	MPB 18-22 TRI	1,5	3,7 / 2,1	1250	230/400	63	15	18	600x260x330	A
HP-4430-05	MPB 24-28 MONO	2	6,6	1500	230	63	18	26	600x260x330	A
HP-4430-15	MPB 24-28 TRI	2	5,2 / 3	1500	230/400	63	17	26	600x260x330	A
HP-4430-07	MPB 35-40 MONO	3	11	2500	230	63	20	40	630x260x330	A
HP-4430-17	MPB 35-40 TRI	3	7,3 / 4,2	2500	230/400	63	19	40	630x260x330	A
HP-4400-16	MPB Lid									B
HP-4400-18	MPB Joint									B
HP-4400-19	MPB Basket									B
HP-4400-17	Fitting + Seal									B
HP-4400-11	Nut									B
HP-4400-08	MCB and MPB mechanical seal									B



HWM PUMP SERIES

Water inlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

Transparent lid:
Easy to see waste for removal.

PP basket strainer

Water outlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

Bipolar asynchronous motor
Motor: iP55 resin - Class F.
Integrated overheating and short-circuit protection device.

Self-priming: When the pump runs for the first time, fill with water up to the lower height of the water inlet liquid level and the priming height is 0.5-1.5m.

Drain plug: Possibility of draining the water from the pump in freezing weather to prevent it from freezing.

Diffuser:
Harnesses the kinetic energy of the liquid.

Impeller:
The centrifugal force generated by the impeller gives kinetic energy to the liquid.

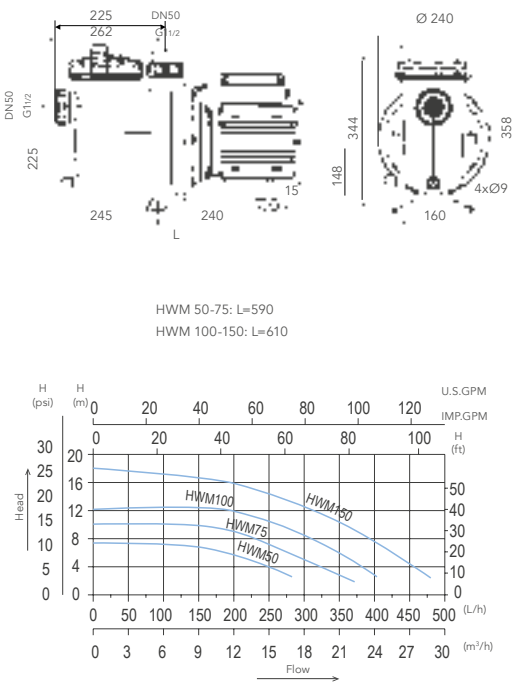
Mechanical seal:
Made of graphite/silicon carbide to prevent water leakage. When in operation, the movable ring moves with the impeller and the other ring remains static.

Base:
With rubber pads to reduce vibration and noise.



HWM PUMP SERIES

HWM pool pumps have a very high hydraulic efficiency, are ultra-quiet, light weight, small in size, compact and energy efficient. They are made of high quality materials, light resistant and long lasting. Thanks to their modular design they are easy to install and maintain.



CHARACTERISTICS OF HWM PUMPS

- 0.5 HP, 0.75 HP, 1 HP and 1.5 HP feed pumps.
- High hydraulic efficiency.
- Low noise level pump.
- Bipolar asynchronous motor.
- Plastic hydraulic components.
- Aluminium motor housing.
- O-ring seal: NBR.
- Mechanical seal material: graphite/silicon carbide.
- Continuous duty capability.
- Integrated overheating and short-circuit protection device.
- Motor: iP55 resin - Class F.
- Connection included Ø50.
- Permissible temperature of the circulating liquid: + 5 °C to 50 °C.
- Ambient temperature up to 40 °C.

CODE	MODEL	P1 ASPIRATION	P2 IMPULSION	FREQ. (Hz)	TENSION (V)	Ø (mm)	NET WEIGHT (Kg)	MAX FLOW RATE (m³/h)	PACKAGING (mm)	FAM.
HP-4450-00	HWM 50	0,55Kw/0,75Hp	0,37Kw/0,50Hp	50	220	50	11,1	17	580x260x390	A
HP-4450-02	HWM 75	0,75Kw/1Hp	0,55Kw/0,75Hp	50	220	50	11,7	19	580x260x390	A
HP-4450-04	HWM 100	0,9Kw/1,2Hp	0,75Kw/1Hp	50	220	50	14,1	22	660x260x410	A
HP-4450-05	HWM 150	1,5Kw/2Hp	1,1Kw/1,5Hp	50	220	50	16,5	28	660x260x410	A
HP-4451-07	HWM and HWI basket									A
HP-4451-05	Cover HWM and HWI									A
HP-4451-04	Cover nut HWM and HWI									A
HP-4451-06	HWM and HWI Joint									A
HP-4451-12	Mechanical seal									A

Hidro Water

HWI PUMP



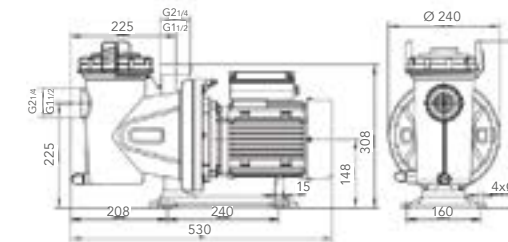
HWI VARIABLE SPEED PUMP

The HWI variable speed pool pump has a very high hydraulic efficiency, is ultra-quiet, light weight, small in size and energy efficient.

Manufactured with top quality materials.

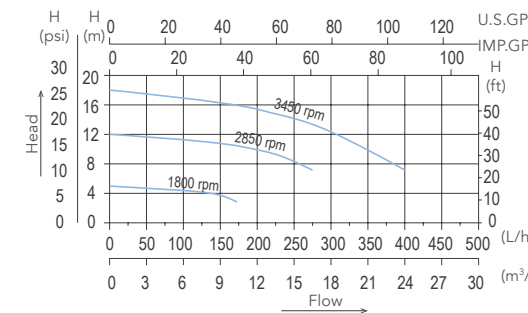
It has a touch screen where the speed can be adjusted and displayed in real time for easy and clear operation.

Thanks to its modular design it is easy to install and maintain.



HWI PUMP CHARACTERISTICS

- Variable speed feed pump 1.5 HP.
- High hydraulic efficiency.
- Low noise level pump.
- **Permanent magnet synchronous motor (PMSM).**
- Plastic hydraulic components.
- Aluminium motor housing.
- O-ring seal: NBR.
- Mechanical seal material: graphite/silicon carbide.
- Degree of protection IP55.
- Energy efficiency grade IE5.
- Wide input voltage range.
- Connection included 1"1/2 (50mm diameter).
- Permissible temperature of the circulating liquid: + 5 °C to 50 °C.
- Ambient temperature up to 40 °C.



Bluetooth connection



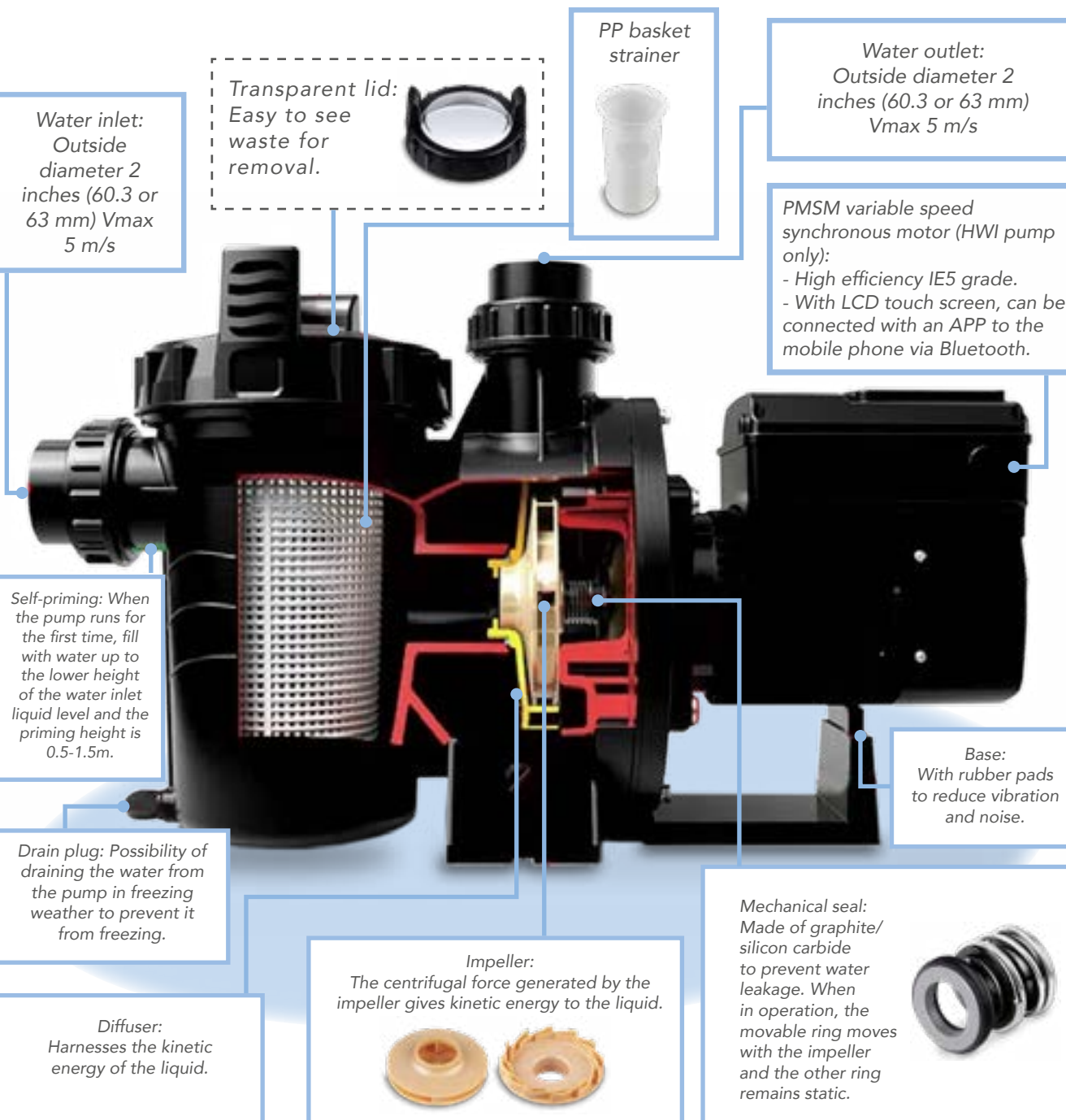
30% MORE SAVINGS THAN IE3



HWI pump power table

REV.	POWER	REV.	POWER
600 RPM	480 mA - 110W	2.850 RPM	3,43 A - 786W
1.800 RPM	1,2 A - 230W	3.450 RPM	6,8 A - 1.564 W

CODE	MODEL	P1	P2	FREQ. (Hz)	TENSION (V)	Ø (mm)	NET WEIGHT (Kg)	MAX FLOW RATE (m³/h)	PACKAGING (mm)	FAM.
HP-4450-06	HWI 150	1,5Kw/2Hp	1,1Kw/1,5Hp	50/60	208-240	50	12	23	580x260x390	A
HP-4451-07	HWM and HWI basket									A
HP-4451-05	Cover HWM and HWI									A
HP-4451-04	Cover nut HWM and HWI									A
HP-4451-06	HWM and HWI Joint									A
HP-4451-12	Mechanical seal									A



Water inlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

Transparent lid:
Easy to see waste for removal.

PP basket strainer

Water outlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

PMSM variable speed synchronous motor (HWI pump only):
- High efficiency IE5 grade.
- With LCD touch screen, can be connected with an APP to the mobile phone via Bluetooth.

Self-priming: When the pump runs for the first time, fill with water up to the lower height of the water inlet liquid level and the priming height is 0.5-1.5m.

Drain plug: Possibility of draining the water from the pump in freezing weather to prevent it from freezing.

Impeller:
The centrifugal force generated by the impeller gives kinetic energy to the liquid.

Diffuser:
Harnesses the kinetic energy of the liquid.

Base:
With rubber pads to reduce vibration and noise.

Mechanical seal:
Made of graphite/silicon carbide to prevent water leakage. When in operation, the movable ring moves with the impeller and the other ring remains static.

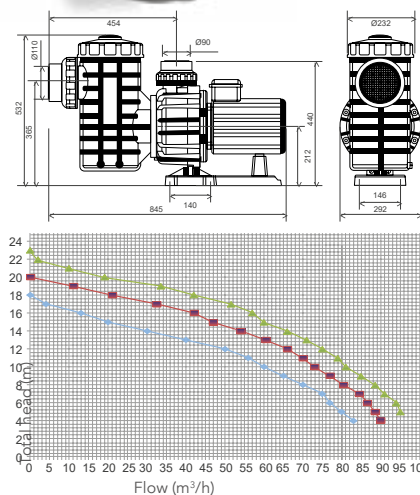


5500 PUMP SERIES

Self-priming thermoplastic centrifugal pumps for swimming pool filtration, counter-current swimming, balneo-hydromassage and recreational-decorative jets.

CHARACTERISTICS OF THE SERIES 5500 PUMP

- Engine:
 - Insulation: Class F.
 - Protection: IP 55.
 - Current: Three-phase.
 - R.P.M.: 2885
 - Shaft: Stainless steel (AISI 316).
 - Bearing: Ball bearing.
 - Atmospheric temperature: Max. 40 °C
- Pump:
 - Water temperature: Max. 50 °C
 - Max. pressure: 2 bar.
 - Impeller type: Closed.
 - Seal type: Mechanical seal.
 - Diffuser: Synthetic material (FRPP).
 - Pre-filter cover: Polycarbonate.
 - Intake: 90 mm Ø.
 - Impulsion: 110 mm Ø.



CODE	MODEL	CV	VOLTAGE (V)	INPUT Ø (mm)	OUTPUT Ø (mm)	FLOW (m³/h) H=9m	FAM.
HP-4406-03	5500 3,5 HP	3,5	400/700	110	90	64	B
HP-4406-04	5500 4,5 HP	4,5	400/700	110	90	77	B
HP-4406-05	5500 5,5 HP	5,5	400/700	110	90	85	B

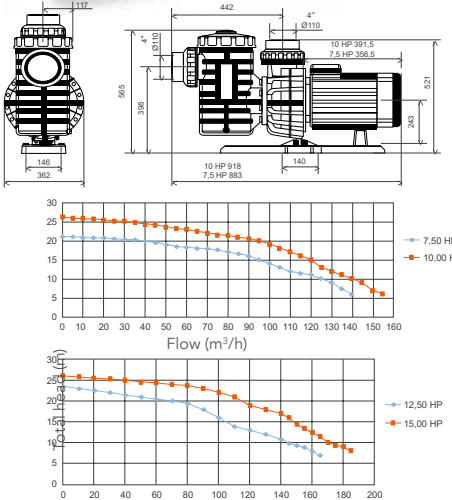


15000 PUMP SERIES

Self-priming thermoplastic centrifugal pumps for swimming pool filtration, counter-current swimming, balneo-hydromassage and recreational-decorative jets.

CHARACTERISTICS OF THE SERIES 15000 PUMP

- Engine:
 - Insulation: Class F.
 - Protection: IP 55.
 - Current: Three-phase.
 - R.P.M.: 2885
 - Shaft: Stainless steel (AISI 316).
 - Bearing: Ball bearing.
 - Atmospheric temperature: Max. 40 °C
- Pump:
 - Water temperature: Max. 50 °C
 - Max. pressure: 2 bar.
 - Impeller type: Closed.
 - Seal type: Mechanical seal.
 - Diffuser: Synthetic material (FRPP).
 - Pre-filter cover: Polycarbonate.
 - Intake: 90 mm Ø.
 - Impulsion: 110 mm Ø.



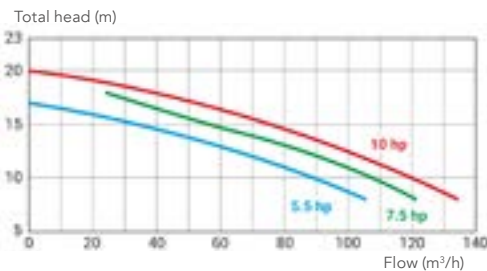
CODE	MODEL	CV	VOLTAGE (V)	INPUT Ø (mm)	OUTPUT Ø (mm)	FLOW (m³/h) H=9m	FAM.
HP-4406-07	15000 7,5 HP	7,5	400/700	110	110	130	B
HP-4406-10	15000 10 HP	10	400/700	110	110	145	B
HP-4406-12	15000 12,5 HP	12,5	400/700	110	110	155	B
HP-4406-15	15000 15 HP	15	230/400	110	110	180	B



PUBLIC SERIES PUMPS

Large capacity self-priming centrifugal pumps. Recommended for volumes from 130 to 420 m³.

- Made of glass fiber reinforced thermoplastic.
- Three-phase motor in accordance with the European standard of efficiency in motors, Ecodesign.
- Turbine in reinforced Noryl.
- 4-pole motor, operation at 1,450 rpm / 50 Hz.
- Large capacity pre-filter (14L) with transparent lid, for easier maintenance.
- Raised base, to ensure good ventilation of the motor.
- Range 5.5 CV to 10 CV.
- Uses: public swimming pools or large volumes, and aquariums that require low vibrations.
- Optional: 60 Hz (consult).
- This pump can be used with salt water.
- 1450 rpm motor - quiet mode



CODE	MODEL	HP	VOLTAGE (V)	Ø (mm)	WEIGHT (Kg)	FLOW (m³/h) H=12m	MAX. CURRENT (A)	DIMENS.(mm)	FAM.
HP-42553E	PUBLIC 55	5,5	400/700	110	46	68	15,8 / 9,1	889	B
HP-42753E	PUBLIC 75	7,5	400/700	110	50	90	12,3 / 7,1	914	B
HP-421003E	PUBLIC 100	10,0	400/700	110	70	104	16,0 / 9,3	944	B





SIDE CHANNEL BLOWERS PUMPS

These silent-running side channel bowers deliver high volumes of clean, dry air at low pressures and vacuums. Has no wearing parts, does not need lubrication and therefore requires virtually no maintenance.

APPLICATIONS

- Swimming pool and spa air blowers.
- Underwater aeration in fish farming.
- Central vacuum cleaning systems.
- Bubbling/washing systems in food processing.
- Hot air dryers.
- Plastic bottle moulding.
- Biogas transfer.
- Vacuum cutting tables.

CHARACTERISTICS OF SIDE CHANNEL BLOWERS

- Die-cast aluminium casing and impeller.
- Performs both as a compression and vacuum pump.
- May be installed horizontally or vertically.
- Single or triple impeller.

SINGLE IMPELLER

CODE	MODEL	N. NOZZLES	CONNECTION	MAX. FLOW (m³/h)	MAX. COMPRESSION (mbar)	FAM.
HP-7203-02	Side Channel Blower – Single Impeller 0,40 KW	6-7	1 1/4"	80	110	B
HP-7203-04	Side Channel Blower – Single Impeller 0,85 KW	10-12	1 1/4"	145	160	B
HP-7203-06	Side Channel Blower – Single Impeller 1,3 KW	12-16	2"	210	170	B
HP-7203-08	Side Channel Blower – Single Impeller 1,5 KW	18-20	2"	210	190	B
HP-7203-10	Side Channel Blower – Single Impeller 2,2 KW	28-30	2"	318	190	B

TRIPLE IMPELLER

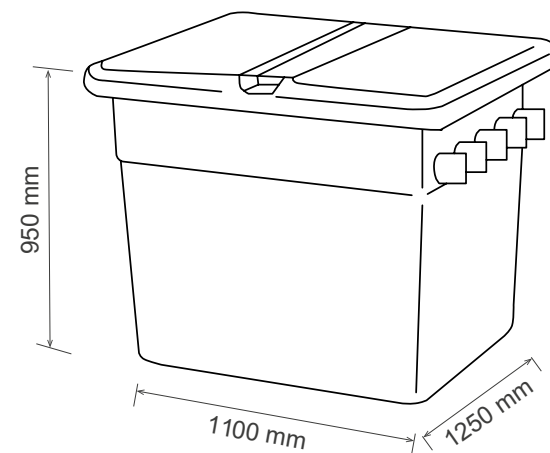
CODE	MODEL	N. NOZZLES	CONNECTION	MAX. FLOW (m³/h)	MAX. COMPRESSION (mbar)	FAM.
HP-7203-20	Side Channel Blower – Triple Impeller 0,40 KW	6-7	1 1/4"	80	130	B
HP-7203-22	Side Channel Blower – Triple Impeller 0,55 KW	7-10	1 1/4"	100	120	B
HP-7203-24	Side Channel Blower – Triple Impeller 0,85 KW	10-12	1 1/4"	145	160	B
HP-7203-26	Side Channel Blower – Triple Impeller 1,3 KW	12-16	2"	210	170	B
HP-7203-28	Side Channel Blower – Triple Impeller 1,5 KW	18-20	2"	210	190	B
HP-7203-30	Side Channel Blower – Triple Impeller 2,2 KW	28-30	2"	318	190	B
HP-7203-32	Side Channel Blower – Triple Impeller 3 KW	32-40	2"	318	270	B





TECHNICAL POOL BOX BURIED

Pre-fabricated polyester and fiberglass half-buried technical box with filter, side selector valve, pump and suction and discharge manifold with valves.



PREDEFINED OPTIONS INSIDE THE POOL BOX

CODE	MODEL	FAM.
HP-4875-50	Pool box VOLCÁN BLOWN MOLDED D.500 filter + pump 0,75CV + 5 valves kit	B
HP-4875-60	Pool box VOLCÁN BLOWN MOLDED D.650 filter + pump 1CV + 5 valves kit	B

MOUNTING OPTIONS INSTALLED MATERIAL NON-WIRED FOR BURIED CABINS

CODE	MODEL	FAM.
HP-0408-20	Filter glass filter 500 - 80 Kg	B
HP-0408-20	Filter glass filter 600 - 140 Kg	B
HP-4900-20	Option Bypass surface Pool box	B
HP-6205-09	Salt chlorinator 20 gr	B
HP-6205-10	Salt chlorinator 25 gr	B
HP-6205-06	Salt chlorinator 45 gr	B
HP-4028-22	Peristaltic pH pump	B
HP-4028-46	Membrane pH pump	B
HP-0414-20	Control panel with Bluetooth	B
HP-0414-40	Control panel + transformer 100W with Bluetooth	B
HP-6302-02	Ultraviolet 25W	B
HP-6302-06	Ultraviolet 55W	B



ABOVE-GROUND TECHNICAL POOL BOX

Surface-mounted "plug and play" shelter: place, connect and you're ready to go.

Prefabricated in P.E., it can be customised according to the codes shown in the table.



PREDEFINED OPTIONS INSIDE THE POOL BOX

CODE	MODEL	FAM.
HP-4877-50	Pool box VOLCÁN BLOWN MOLDED D.500 filter + pump 0,75CV + 5 valves kit	B
HP-4877-60	Pool box VOLCÁN BLOWN MOLDED D.650 filter + pump 1CV + 5 valves kit	B

MOUNTING OPTIONS INSTALLED MATERIAL NON-WIRED FOR BURIED CABINS

CODE	MODEL	FAM.
HP-0408-20	Filter glass filter 500 - 80 Kg	B
HP-0408-20	Filter glass filter 600 - 140 Kg	B
HP-4900-20	Option Bypass surface Pool box	B
HP-6205-09	Salt chlorinator 20 gr	B
HP-6205-10	Salt chlorinator 25 gr	B
HP-6205-06	Salt chlorinator 45 gr	B
HP-4028-22	Peristaltic pH pump	B
HP-4028-46	Membrane pH pump	B
HP-0414-20	Control panel with Bluetooth	B
HP-0414-40	Control panel + transformer 100W with Bluetooth	B
HP-6302-02	Ultraviolet 25W	B
HP-6302-06	Ultraviolet 55W	B



ELECTRICAL PANELS

REMOTE CONTROL	78
CONTROL PANELS	79
BLUETOOTH CONTROL PANELS	80
WIFI MODULE	81

REMOTE CONTROL

REMOTE CONTROL

4 Channels remote control. 2-channel programmable receiver module.

CODE	MODEL	FAM.
HP-0204-62	Module 2 outputs + remote control	B
HP-0204-63	4-channel remote control transmitter	B
HP-0204-61	Module 2 outputs	B

With 2 receiver modules, up to 4 devices can be controlled with a single command.



HP-0204-61



HP-0204-63



TOUCH PUSH BUTTON

Electronic receiver module with 2 programmable outputs and touch button with remote support.

CODE	MODEL	FAM.
HP-0204-66	Module 2 outputs + touch button	B
HP-0204-67	1-channel touch button	B
HP-0204-61	Module 2 outputs	B

With 2 pushbuttons and a module, 2 devices can be controlled.



HP-0204-61



HP-0204-67

REMOTE CONTROL ON/OFF

ON/OFF

- Suitable for all types of lamps.
- The kit can be easily integrated into any existing installation.
- Maximum load 1000 W.

CODE	MODEL	FAM.
HP-0204-76	Remote control + ON/OFF buttons	B



HP-0204-76

ELECTRICAL PANELS

CONTROL PANEL UP TO 2CV

- Mounted in a plastic box IP55.
 - General differential.
 - 3-position selector MAN - 0 - AUT for pump.
 - 2-position selector STOP - START for spotlights.
 - Pump protection with magneto-thermal circuit breaker.
 - Electromechanical daily programmer, in 30 minute fractions.
 - 1P+N thermal circuit breaker for transformer protection.
 - Transformer.
- All panels with chlorinator, pH, dosing, etc... outputs must be fitted with a 9 amp contactor.**

CODE	MODEL	TENSION	CV	REGULAT.	FAM
HP-0412-20	Control unit up to 1 CV	230 v II	0.75-1	4,5 -6,3A	B
HP-0412-22	Control unit up to 2 CV	230 v II	1.5 - 2	7 -10 A	B

CONTROL PANEL UP TO 2CV

+ TRANSFORMER 100W

- Mounted in a plastic box IP55.
 - General differential.
 - 3-position selector MAN - 0 - AUT for pump.
 - 2-position selector STOP - START for spotlights.
 - Pump protection with magneto-thermal circuit breaker.
 - Electromechanical daily programmer, in 30 minute fractions.
 - 1P+N thermal circuit breaker for transformer protection.
 - Transformer.
- All panels with chlorinator, pH, dosing, etc... outputs must be fitted with a 9 amp contactor.**

CODE	MODEL	TENSION	CV	REGULAT.	FAM
HP-0412-40	Control unit up to 1 CV +100W	230 v II	0.75-1	4,5 -6,3A	B
HP-0412-42	Control unit up to 2 CV +100W	230 v II	1.5 - 2	7 -10 A	B

CONTROL PANEL UP TO 2CV

+ TRANSFORMER 300W

- Mounted in a plastic box IP55.
 - General differential.
 - 3-position selector MAN - 0 - AUT for pump.
 - 2-position selector STOP - START for spotlights.
 - Pump protection with magneto-thermal circuit breaker.
 - Electromechanical daily programmer, in 30 minute fractions.
 - 1P+N thermal circuit breaker for transformer protection.
 - Transformer.
- All panels with chlorinator, pH, dosing, etc... outputs must be fitted with a 9 amp contactor.**

CODE	MODEL	TENSION	CV	REGULAT.	FAM
HP-0412-60	Control unit up to 1 CV +300W	230 v II	0.75-1	4,5 -6,3A	B
HP-0412-62	Control unit up to 2 CV +300W	230 v II	1.5 - 2	7 -10 A	B



ELECTRICAL PANELS WITH BLUETOOTH



- Replaces the set: electromechanical timer + contactor + switches, to control the pump and lighting.
- Available in several versions to suit all uses.
- Replaces the traditional lighting remote control with a smartphone.
- Up to 3 modules can be added to the same application.
- Control of the pump and lighting in power: no contactor.
- One application: 6 languages.

FEATURES

- Power supply for one pump (single-phase version up to 2 HP).
- Can be controlled with the ON/OFF/AUTO pushbutton on the front.
- Lighting control.
- Programming of lighting and filtration by days, weeks or a calendar.



Space saving in the electrical box



Bluetooth 5.0 connection for extended range



ON.E MODULE KIT FOR INSTALLATION + BLUETOOTH

- Can be installed in any electrical box upstream, without dismantling the existing timer (in parallel) or next to it.
- Quick installation on Din rail.
- Simple installation using the fittings included in the kit.

CODE	MODEL	FAM
HP-0414-70	ON.E Kit module for installation	B



ON.E WIFI MODULE FOR ELECTRICAL PANEL WITH BLUETOOTH

- The ON.E Connect module allows remote access to ON.E products using an internet connection (wifi or RJ45).
- This module must be placed near your ON.E product so that it connects via Bluetooth. It will serve as a bridge to your internet box.
- Compatible with ON.E products.

TECHNICAL CHARACTERISTICS

- Module power supply: 5VDC / 1A.
- Plug-in power supply: 240Vac. 50/60Hz.
- Bluetooth: V5.2.
- Temperature of use: 0°C à 40°C.
- Maximum relative humidity of use: 90% à 25°C

PRODUCT DESCRIPTION:



- "Cloud" connection indicator
- Bluetooth connection indicator
- Wifi connection indicator
- Synchronisation button



- Ethernet connection port (RJ45)
- Power port (USB-C)



CODE	MODEL	FAM
HP-0414-72	ON.E WIFI Module	B



DISINFECTION MEASUREMENT

UV LIGHT DISINFECTION	84
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MESURAMENT	112



DISINFECTION SYSTEM UV LIGHT

WATER DISINFECTION WITHOUT CHEMICAL PRODUCTS

UV-C light at a particular wavelength of 253.7 nm is a very powerful germicide. It deactivates the DNA of bacteria, viruses and other pathogens and thus destroys their ability to multiply and cause disease.

Ultraviolet technology is a non-chemical approach to disinfection. In this method of disinfection, nothing is added, which makes this process simple, inexpensive, and requiring very low maintenance.

UV-C light is used more and more by the pool industry because of its' ability to disinfect without modifying the water either physically or chemically.

ADVANTAGES OF USING UV LIGHT FOR WATER DISINFECTION

- 1) Easy use, installation and maintenance.
- 2) Chemical resistant plastic housing allows for use with salt water and improves the product life with its anti-corrosion property. The Professional quality UV lamp possesses a long life. (9,000 up to 12,000) hours.
- 3) High efficiency: the mirror-polished interior of the housing increases the UV reflection rate and enhances the efficiency up to 35%.
- 4) High transmission rate: high-quality quartz sleeve ensures nearly 100% transmission of UV-C at 254 nm
- 5) Environmental-friendly: it reduces the chlorine consumption of up to 70%. Also, water renewal is reduced due to lesser formation of by-products.
- 6) Better protection: the disinfected water is free of unpleasant smells and does not irritate the eyes, because of the drastic reduction in the number of chloramines. No risk of allergies, and your pool is protected against pathogenic organisms and algae.



UV LAMP UV POOL PROTECT

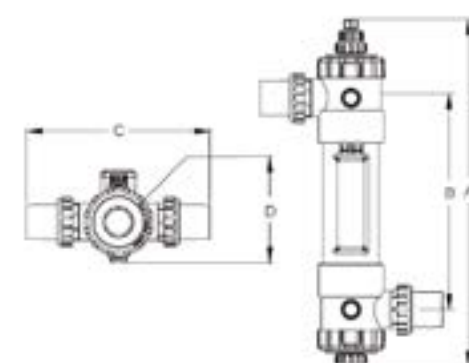
FOR FRESH AND SALT WATER

The FOS series UV-C disinfection system is an effective product to kill bacteria and other microbes that pass through from the tube. As a result, it maintains the water in your pool, spa, fountain, or fishpond bacteria-free and purified.

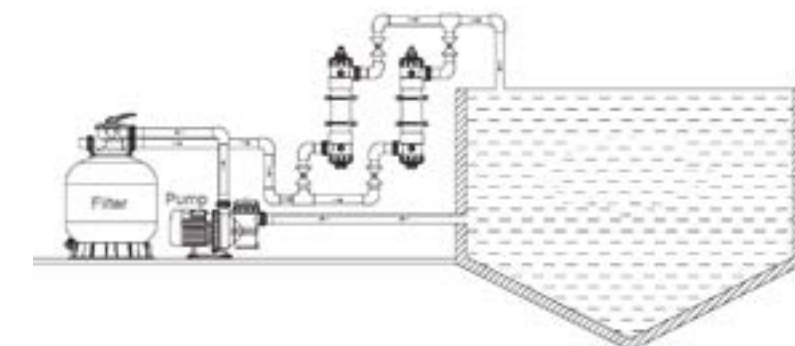
1. High-quality UV-C lamp which can achieve 98% sterilization rate
2. The durable UV lamp has a long lifespan, up to 12.000 hours
3. High-quality quartz tube provides more than 99% transmittance rate.

TECHNICAL CHARACTERISTICS:

- Adjustable brackets for simpler and flexible installation
- Power supply: 230V/50Hz .
- 2 models: 25W y 55W, to fit alone, or in combination, to most pools
- 2 sets of interchangeable connection fittings for gluing to PVC 50 or 63mm



CODE	DIMENSIONS (mm)			
	A	B	C	D
HP-6302-02	694	431	180	166
HP-6302-06	1114	881	180	166



CODE	MODEL	MAX. FLOW (m³/h)	POWER (W)	MAX. PRESSURE (Bar)	FAM.
HP-6302-02	UV POOL PROTECT 25	7	25	3	B
HP-6302-06	UV POOL PROTECT 55	14	55	3	B
HP-6205-50	Switch control (Flow control max 10 Ampere, page 86)				B



DISINFECTION SYSTEM UV LIGHT

CHEMICAL-FREE WATER DISINFECTION FOR SPACE-LIMITED INSTALLATIONS

It is the perfect choice for saltwater pools (with electrolysis) and chlorinated pools with limited space that require highly efficient disinfection. Compact and powerful, the UV INOX 75W, with its tough anti-corrosion DUPLEX stainless steel casing, is designed to provide an environmentally friendly solution for disinfecting your pool water.

Easy to install and maintain.

The UV INOX 75W is not only extremely efficient and powerful, but also easy to install in various ways and simple to maintain. Its housing is made of DUPLEX stainless steel and is supplied with fittings from Ø63mm to Ø50mm and 1½" female threaded connections.



ADVANTAGES OF THE INOX 75W ULTRAVIOLET LIGHT

1. DUPLEX housing, suitable for use in both salt water (electrolysis) and chlorinated pools.
2. Built-in electronic ballast to ensure a stable power supply.
3. Up to 35% higher UV-C performance as a result of reflection by the DUPLEX interior.
4. Multiple installation options for easy installation.
5. With fittings from Ø63mm to Ø50mm and 1½" female threaded inserts.
6. Possibility to install the Switch control which switches off the lamp if the water flow is insufficient. Recommended by Hidro-Water to extend the life of the equipment.
7. Manufactured in the Netherlands.



UV LAMP UV INOX 75W

CARACTERÍSTICAS TÉCNICAS

Recommended flow rate for 30 mJ/cm ²	16 m ³ /h
Maximum pressure	2,5 bar
Peak flow	23 m ³ /h
Unit diameter Ø	70 mm
Unit of length	100 cm
Inlet and outlet diameter Ø	63 mm / 50 mm / 1½"
Housing material	Duplex
Electronic ballast	230 V AC 50 Hz
Lamp wattage	75 W
Lamp	Lighttech T5 75 W 4P
Lamp life	9.000 hours
Weight	3,9 Kg
Quantity indicator	30



ADVANTAGES DUPLEX STEEL

- 2205 duplex steel has a higher yield strength than 316L.
- More resistant to stress corrosion cracking, especially in marine environments.
- It allows the use of thinner walls, reducing costs.
- Its coefficient of expansion is lower than that of 316L, making it ideal for carbon steel connections.
- It offers improved energy absorption in impact or blast situations, making it an advantageous choice for structural and piping applications.

CODE	MODEL	MAX. FLOW (m ³ /h)	POWER (W)	MAX. PRESSURE (Bar)	FAM.
HP-6302-08	UV INOX 75W	23	75	2,5	B
HP-6205-50	Switch control (Flow control max 10 Ampere, page 86)				B

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



FLOW CONTROL

FOR UV EQUIPMENT AND SALT CHLORINATORS

The **Switch Control** is the ideal protection for the disinfection system in your pool installation because it will switch off the lamp if the water flow is insufficient.

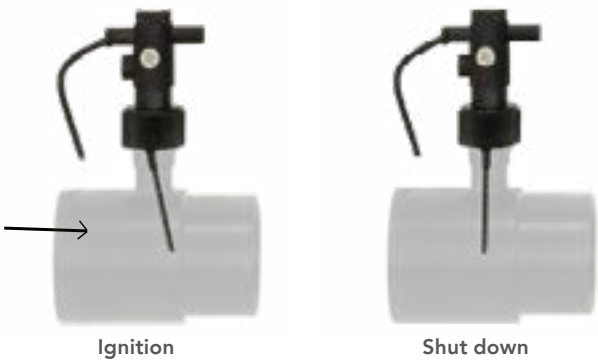
Operation

The **Switch Control** is the ideal protection for electrical devices in the pool installation, for **UV devices and salt chlorinators** or other devices with a rating of up to 10 amps. These devices need to be switched off once the water flow stops, a function that is performed by the Flow Switch Plus.

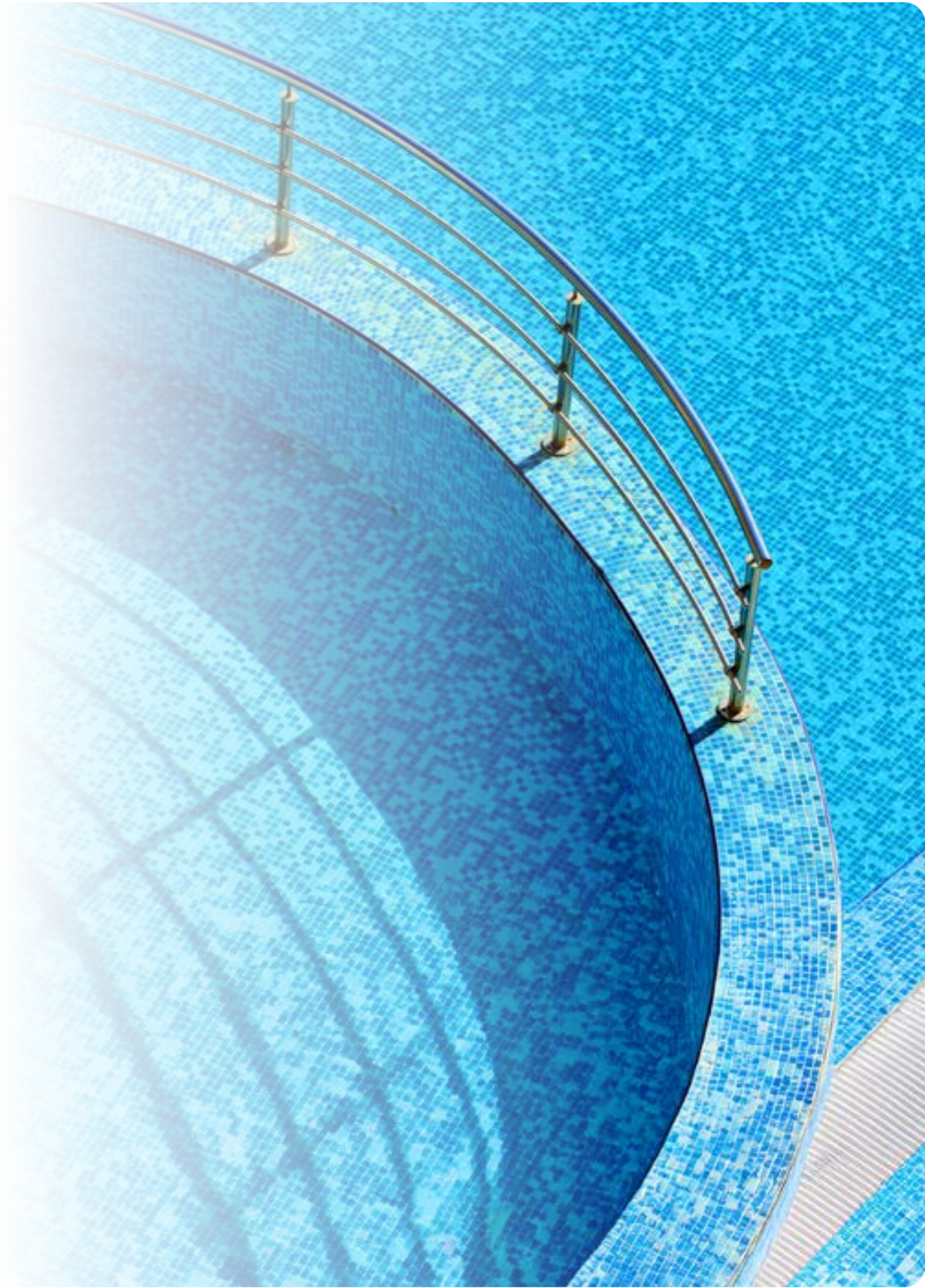
Thanks to its compact design, the **Switch Control** is very easy to install. Using the special T-shaped fitting, the flow switch can be easily integrated into your new or existing pipes.

Advantages

- Prevents systems from running without flow.
- Easy installation due to compact design.
- Easy to combine.
- Suitable for UV and salt water chlorinator SSC25/45.



CODE	MODEL	FAM.
HP-6205-50	Switch control for UV-Pool Protect and Salt Chlorinator SSC25/45	B



SALT CHLORINATOR SSC SERIES

Salt chlorinators SSC serie, are an alternative means of sanitizing your pool with chlorine using the process of electrolysis.

The electrolysis process is carried out when the salt water solution passes through the electrolytic cell, which converts sodium chloride (salt) in the water into chlorine gas which, when dissolved in water becomes sodium hypochlorite (liquid chlorine).

Safe and respecting the environment, this technology brings you:

1. Comfort: your pool is automatically disinfected
2. Safety: reduction in chlorine storage and handling
3. Cleanness: clean, safe and crystal-clear water
4. Health and well-being: therapeutic, saltwater does not irritate eyes and dry out skin
5. Comfort: increases buoyancy.
6. Destroys harmful chloramines.

MAIN FEATURES:

- 2 models to choose: 25/45 g/h
- Self-cleaning reverse polarity
- Quality titanium cells.
- Protection degree IPX4
- Maximum working pressure: 250kPa/36psi/2,5 Bar
- Power supply: 240V-50 60Hz

HOW TO CHOOSE:

The following aspects must be taken into account:

- Swimming pool size
- Maximum number of users
- Daily hours of filtration



SSC salt cell

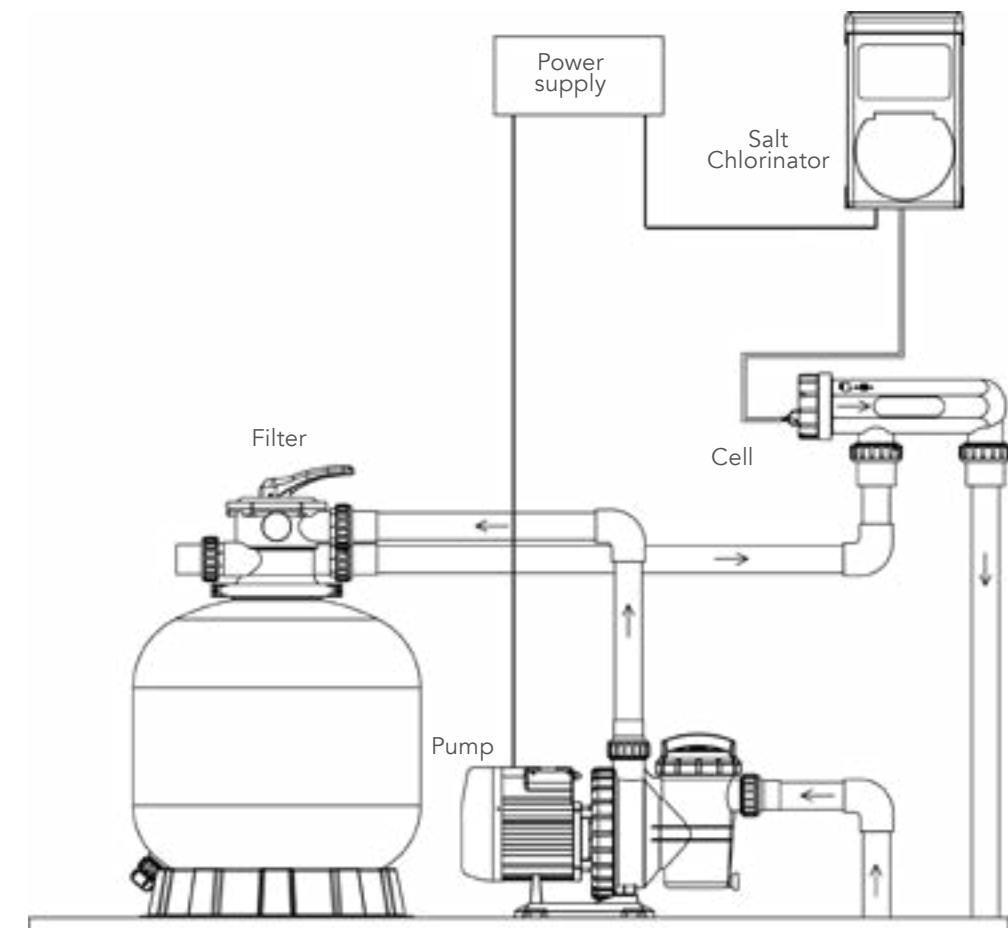
The SSC salt cell consists of a series of titanium electrodes with opposite charges. SSC transparent salt cell housing allows visual inspection of the salt cell plates and enables monitoring of chlorine production.

1. Large lock ring for easy access
2. Durable UV stabilised engineering plastic cell housing with a maximum working pressure of 4 Bar.
3. Large surface area of the titanium electrolytic cells operating under low salt conditions.
4. Efficient hydraulic design
5. 50mm connections for quick connection to pipe work
6. Optimised density to maximise cell life



CODE	MODEL	SALT LEVEL (ppm)	CELL OUTPUT (g/h)	MAX. POOL VOLUME (m³)	WEIGHT (Kg)	FAMILY
HP-6205-10	SSC25E	4000	25	90	7,4	A
HP-6205-06	SSC45E	4000	45	150	9,7	A
HP-6205-32	Chlorinator cell 25/45 gr/h					B
HP-6205-36	Chlorinator cell cable 25/45 gr/h					B
HP-6205-50	Complete 25/45 g/h chlorinator cell vessel					B
RPE-01201025	Switch control (Flow control max 10 Ampere, page 86)					B

SSC SALT CHLORINATOR INSTALLATION DIAGRAM:



INSTALLATION DIAGRAM OF PARALLEL EQUIPMENT EXAMPLE



SALT CHLORINATOR

SSCmini SERIES

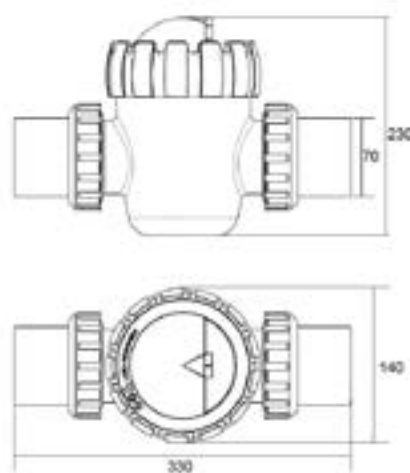


The SSCmini® is an automatic chlorine generation system composed of two main components: an electrolytic cell and a control unit.

For its correct functioning requires a certain minimum concentration of salt in the water (4000 ppm), low enough so that its flavor is not appreciated. SSCmini® automatically disinfects your pool by converting the salt into chlorine that eliminates bacteria and algae from the pool through an electrolysis process.

The control unit is provided with a microprocessor system to regulate the operating time and report on the SSCmini® working status and errors. In addition, the equipment has a self-cleaning system that reduces the formation of encrustations on the electrodes.

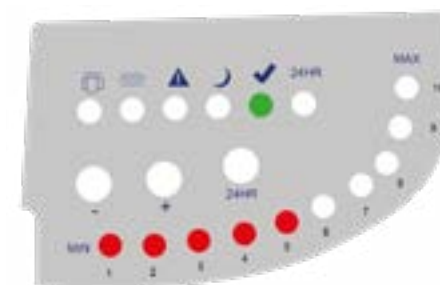
The temperature of the water is a parameter that affects the production of chlorine. The lower the temperature, the lower the chlorine production. The water temperature must be in the range of 15-40 °C. SSCmini® will not produce chlorine at temperatures below 15 °C.



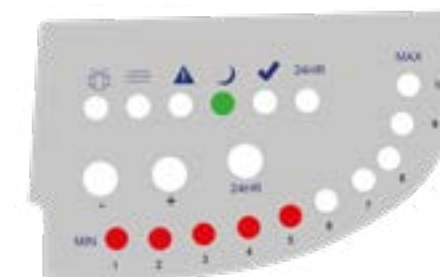
CODE	MODEL	INPUT VOLTAGE (V)	FREQUENCY (HZ)	CELL OUTPUT (G/H)	MAX. POOL VOLUME (M³)	SALINITY (G/L)	Tª (°C)	ELECTRODES	FAM.
HP-6205-09	SSCmini 20	220-240	50/60	20	60	4-6	10 - 45	Titanium plates	A
HP-6205-31	SSCmini salt water chlorinator cell								B
HP-6205-37	Complete SSC Mini salt water chlorinator cell								B
HP-6205-50	Switch control (Flow control max 10 Ampere, page 86)								B

EXAMPLE:

SSCmini® starts at 9:00 and you activate 5 LEDs, then the unit will work from 9:00 to 9:30 (with LED (5) activated) and in standby mode from 9:30 to 10:00 (Stand-by LED (4) activated).

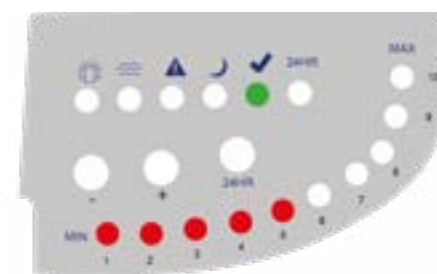


9:00 - 9:30



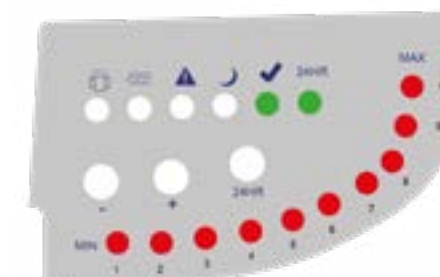
9:30 - 10:00

A new cycle will start at 10:00 and it will last until 10:30 and so on.



10:00 - 10:30

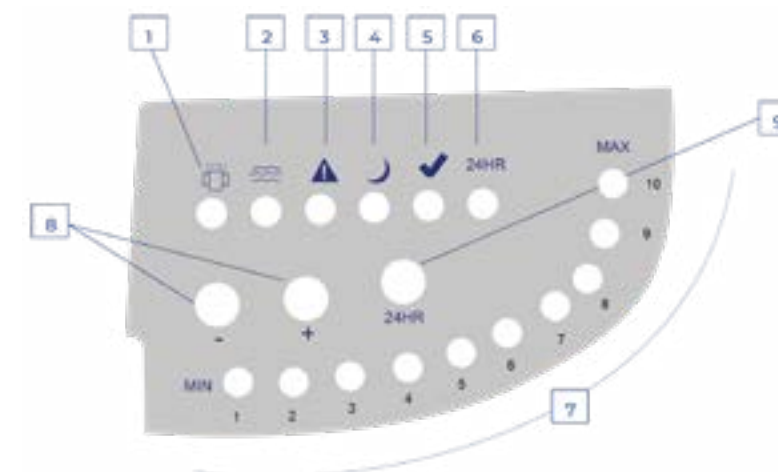
If you activate **Super-Chlorination** at 10:30 (Super-Chlorination LED (6) will light), the unit will work until 10:30 of the next day and will finish Super-Chlorination mode automatically. Once finish the Super-Chlorination, it will re-establish and will start with the previous programmed cycle.



10:30 - 10:30 from the next day

Control panel

The SSCmini® salt chlorinator it is controlled by the control panel which regulates the production of chlorine and informs of the status of the operation.



LED INDICATORS:

- End of the expected cell life:** illuminates when the cell reaches the end of its life. In this case, the cell must be replaced.
- No flow:** flow is not detected, or flow is too low.
- Alarm:** the unit is not working correctly.
- Stand-by:** the unit is waiting for the start of the operating cycle.
- Normal functioning:** the electrolytic cell is generating chlorine correctly.
- Super-chlorination:** "Super-Chlorination" mode active. The electrolytic cell will generate chlorine for 24 hours.
- Operating cycle:** these 10 LEDs, from 1 to 10, correspond to one working hour, each LED represents 6 minutes. If the 10 LEDs light, the unit will generate chlorine without stopping. If 5 LEDs light up, the unit will generate chlorine for 30 minutes every hour.

CONTROL BUTTONS:

- Operating cycle control:** press "+" and "-" to adjust the working time. The LEDs will illuminate as explained above.
- Super-chlorination control:** Press the button to activate Super Chlorination mode. The cell will generate chlorine for 24 hours. To stop the Super Chlorination mode, press the button again

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

SALT CHLORINATOR SSC NANO



SSCnano is simple to install, with basic plumbing and electrical connections, you can have the system up and running in no time.

It is compact and easily fits for pool and spa. Compact design makes it can easily fit into tight spaces without compromising its functionality.

The control is designed to be user-friendly, making it easy to set up and operate, allows you to adjust the chlorine production according to your specific needs. You can tailor the chlorine output to maintain the desired sanitization level for your pool or spa.

MAIN FEATURES

- Material: PMMA / ABS.
- ON/OFF operation.
- Water flow switch.
- Auto self cleaning reverse polarity.
- Temperature sensor.
- Long cell life.

ACCESORIES:



50mm (1 1/2") union



32mm (1 1/4") & 38mm (1 1/2")
Flexi hose connector



Switch mode
power supply

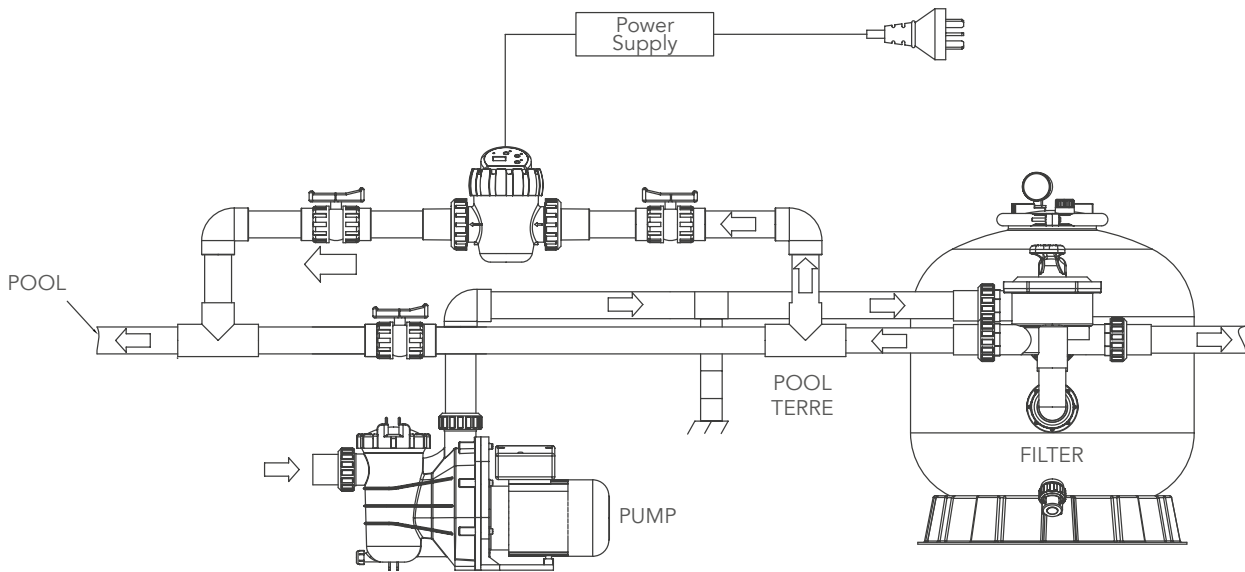


Mounting stand

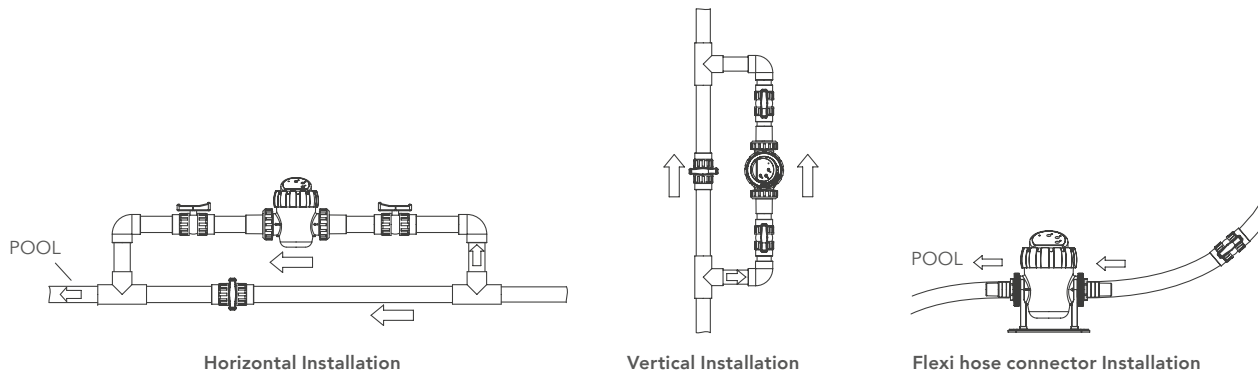


CODE	MODEL	INPUT VOLTAGE (V)	FREQUENCY (HZ)	CELL OUTPUT (GR/H)	MAX. POOL VOLUME (M³)	SALINITY (PPM)	T ^a (°C)	ELECTRODES	FAM.
HP-6205-02	SSC Nano	110-240	50/60	10	25	3500	10 - 45	Titanium plates	A
HP-6205-29	SSC Nano salt water chlorinator cell + electronics								A
HP-6205-28	SSC Nano salt water chlorinator complete vessel								A
HP-6205-27	SSC Nano Salt Chlorinator Transformer								A
HP-6205-50	Switch control (Flow control max 10 Ampere, page 86)								B

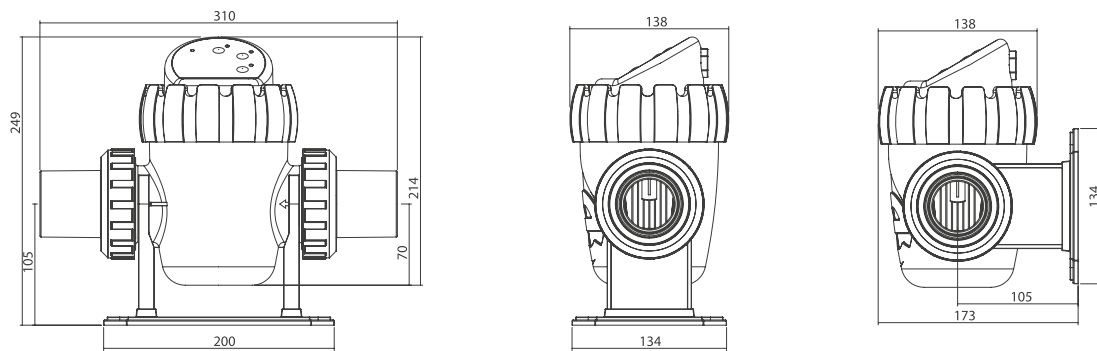
INSTALLATION DIAGRAM



INSTALLATION METHODS



MEASUREMENTS



WHAT CHLORINATOR DO I NEED?

EXAMPLE FOR THE CHOICE OF SALT CHLORINATOR

Let's suppose that you have a 4x10m pool with a depth of 1m in the low zone and 2m in the deep zone, with 6 maximum bathers / day and 8 hours of daily filtration.

Volume for a rectangular pool = length x width x average depth
 $V = 10 \times 4 \times ((1 + 2) / 2) = 60\text{m}^3$

EXAMPLE TABLE 1

POOL VOLUME						DAILY N
LITROS	m³	4	6	8	10	
20.000	20	90	110	130	150	
30.000	30	115	135	155	175	
40.000	40	140	160	180	200	
50.000	50	165	185	205	225	
60.000	60	190	210	230	250	
80.000	80	240	260	280	300	
100.000	100	290	310	330	350	

1. We look in table 1 for the row of volume = 60m³
2. We look for in table 1 the column of bathers = 6.
3. We obtain a need of 210 g/day.
4. We look in table 2 for the column corresponding to the hours of filtration we need (8)
5. We search in the chosen column for the value immediately superior to our chlorine requirement (210 g) = 264 g
6. We select the production unit according to the last column
7. For this assumption, we need a 33 g/h chlorinator

EXAMPLE TABLE 2

DAILY PRODUCTION OF CHLORINATORS				
PRODUCTION IN CYCLES OF HOURS IN G/DAY				EQUIPMENT REQUIRED
6	8	10	12	G/H
96	128	160	192	16
120	160	200	240	20
132	176	220	264	22
150	200	250	300	25
198	264	330	396	33
270	360	450	540	45

TABLE 1

DAILY NEED FOR CHLORINE IN THE POOL *														
POOL VOLUME		NUMBER OF BATHERS												
LITROS	m³	4	6	8	10	20	30	50	100	150	200	300	400	500
20.000	20	90	110	130	150	250	350	550	1050	1550	2050	3050	4050	5050
30.000	30	115	135	155	175	275	375	575	1075	1575	2075	3075	4075	5075
40.000	40	140	160	180	200	300	400	600	1100	1600	2100	3100	4100	5100
50.000	50	165	185	205	225	325	425	625	1125	1625	2125	3125	4125	5125
60.000	60	190	210	230	250	350	450	650	1150	1650	2150	3150	4150	5150
80.000	80	240	260	280	300	400	500	700	1200	1700	2200	3200	4200	5200
100.000	100	290	310	330	350	450	550	750	1250	1750	2250	3250	4250	5250
200.000	200	540	560	580	600	700	800	1000	1500	2000	2500	3500	4500	5500
300.000	300	790	810	830	850	950	1050	1250	1750	2250	2750	3750	4750	5750
400.000	400	1290	1310	1330	1350	1450	1550	1750	2250	2750	3250	4250	5250	6250
500.000	500	1290	1310	1330	1350	1450	1550	1750	2250	2750	3250	4250	5250	6250
600.000	600	1540	1560	1580	1600	1700	1800	2000	2500	3000	3500	4500	5500	6500
700.000	700	1790	1810	1830	1850	1950	2050	2250	2750	3250	3750	4750	5750	6750
800.000	800	2040	2060	2080	2100	2200	2300	2500	3000	3500	4000	5000	6000	7000
900.000	900	2290	2310	2330	2350	2450	2550	2750	3250	3750	4250	5250	6250	7250
1.000.000	1.000	2540	2560	2580	2600	2700	2800	3000	3500	4000	4500	5500	6500	7500

TABLE 2

DAILY PRODUCTION OF CHLORINATORS				
PRODUCTION IN CYCLES OF HOURS IN G/DAY				EQUIPMENT REQUIRED
6	8	10	12	G/H
96	128	160	192	16
120	160	200	240	20
132	176	220	264	22
150	200	250	300	25
198	264	330	396	33
270	360	450	540	45
300	400	500	600	50
420	560	700	840	70
570	760	950	1140	95
930	1240	1550	1860	155
1200	1600	2000	2400	200
1500	2000	2500	3000	250
2130	2840	3550	4260	355
3000	4000	5000	6000	500
4500	6000	7500	9000	750
6000	8000	10000	12000	1000

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



PERISTALTIC DOSING PUMP
pH or Rx CONTROL

pH PUMP TECHNICAL CHARACTERISTICS:

- Peristaltic pump with integrated pH instrument
- Suitable for dispensing products pH + and pH – (acids/basics)
- Programming the set point on a range of 6,0 - 8,0 pH
- Semi-automatic calibration of a specific value of pH 7,01.

Included accessories:



Rx PUMP TECHNICAL CHARACTERISTICS:

- Peristaltic pump with integrated REDOX/ORP
- Suitable for dispensing Rx products
- Programming the set point on a range of 300 - 900 mV
- Semi-automatic calibration of a single value of 468 mV

COMMON CHARACTERISTICS

- pH or Redox shown on the display
- Box in PP with 30% fiberglass
- Polycarbonate front panel
- Protection IP 55
- Power supply 230 Vac
- In accordance with EC regulations

Recommended
use for pH:
Sulfuric Acid

CODE	MODEL	MAX. FLOW (L/h)	PRESSURE (Bar)	MAX. (cc/imp)	SANTOPRENE TUBE	POWER (W)	Rpm	FAM.
HP-4028-42	Peristaltic pH pump	1,8	1	30,00	4 x 7	35	10	B
HP-4028-44	Peristaltic Rx pump	1,8	1	30,00	4 x 7	35	10	B
DO-2500-06	Santoprene tube							B
HP-4027-00	Toothpick holder							B
DO-5202-01	Racord peristaltic tubing							B
DO-5202-05	Peristaltic foot valve							B



Included accessories:



DOSING PUMP
PH CONTROL

TECHNICAL CHARACTERISTICS:

- Display 4 digits of 7 segments
- Bnc connector for pH probe
- 3 position switch: priming, ON, Stand by
- pH range: 6,2 ~ 7,8 pH (accuracy: 0,1 pH).
- Calibration method 1 pH Point
- Power supply 100 - 240 Vca
- In accordance with EC regulations
- Suitable for pH+ and pH-

CODE	MODEL	MAX FLOW (L/h)	PRESS. (Bar)	POW. (W)	FAM.
HP-4028-22	pH peristaltic pump	1,8	1,5	25	B
DO-2406-18	Santopren pool control tube				B
DO-2406-19	Pool control roll holder				B
DO-5202-01	Racord peristaltic tubing				B
DO-5202-05	Peristaltic foot valve				B

RX INSTRUMENT
WITH GOLD PROBE

TECHNICAL CHARACTERISTICS

- **Redox** reading and control instrument.
- Suitable for connection to **electrolysis**.
- Schuko plug type E (French) **230 Vac output** controlled directly by the instrument. Max. 10 amps.
- **3** types of operation: **Manual, ON/OFF, Proportional**.
- **Menu** in 4 languages: **Italian, English, French or Spanish**.
- Instantaneous display of the **REDOX** value.
- Programmable overdosage alarm.
- **STAND-BY** function.
- Digital display 8 x 2 backlit.
- Status and programming alarm LED.
- **Over** and **under range signal**.
- Standard power supply **230 Vac 50-60 Hz**.
- **IP55** protection.
- Probe attack: **BNC**.
- Easy programming and minimum maintenance.
- **100% Made in Italy**.
- Conforms to CE directives.
- Input for flow sensor.
- **ON / OFF** switch.



Included accessories:



CÓDIGO	MODELO	FAM.
HP-6204-30	Instrumento Redox CONTROL RX	B



MEMBRANE DOSING PUMP
pH or Rx CONTROL

TECHNICAL CHARACTERISTICS:

- Made of PVDF compatible with most chemical products.
- The use of ceramic balls as standard improves the reliability of the dosage and the chemical compatibility of the entire hydraulic part of the pump.
- Digital interface with constant or proportional dosing, depending on pH measurement.
- Input for temperature probe type PT100 (PT100 optional).
- Alarm repeat relay.
- On-Off input for remote activation.
- 4-20 mA output for measurement transmission.
- Intuitive programming: the programming menu is self-explanatory and available in 5 languages. When a function is selected, the pump only shows the parameters to be entered for that function.
- pH dsing pump: Suitable for pH+ y pH-

Included accessories:



Recommended
use for pH:
Sulfuric Acid

CODE	MODEL	MAX FLOW (L/h)	PRESSURE (Bar)	POWER (W)	FAM.
HP-4028-12	pH membrane dosing pump	8	2	12,2	B
HP-4028-14	Rx membrane dosing pump	8	2	12,2	B
DO-2402-58	Complete head				B
DO-2406-30	PTFE Membrane				B
IN-7806-70	Injection valve				B
DO-2406-02	Foot valve				B
DO-2406-12	PVDF Foot valve				B
DO-2406-14	PVDF Injection valve				B



MEMBRANE DOSING PUMP
pH or Rx CONTROL

pH PUMP TECHNICAL CHARACTERISTICS:

- Digital electromagnetic pump of proportional dosing membrane.
- Suitable for dispensing product pH – (basics).
- Integrated pH instrument
- Instant display of the pH value of the pool.
- Automatic calibration in a specific value of 7.0pH
- Set point programming in a range of 6.0 pH to 8.0 pH
- Automatic recognition of pH probe efficiency
- Alarm overdose for excess chemicals in the tank
- Box in PP with 30% fiberglass
- Polycarbonate front panel
- Variable injection speed (distance to the set point).
- Pump body with manual flushing
- Protection IP 65
- Power supply 230 Vac
- In accordance with EC regulations

Included accessories:



Recommended
use for pH:
Sulfuric Acid

Rx PUMP TECHNICAL CHARACTERISTICS:

- Digital electromagnetic pump of proportional dosing membrane.
- Suitable for dispensing oxidizing disinfectants
- Integrated Rx instrument.
- Instant display of the Redox value.
- Semi-automatic calibration in a specific value of 468 mV.
- Set point programming in a range of 300 to 900mV
- Dosing proportional to the defined set point (variable speed)
- Box in PP with 30% fiberglass
- Polycarbonate front panel
- Pump body with manual flushing
- Protección IP 55
- Power supply 230 Vac
- In accordance with EC regulations

CODE	MODEL	MAX FLOW (L/h)	PRESSURE (Bar)	POWER (W)	FAM.
HP-4028-46	pH membrane dosing pump	5	2	50	B
HP-4028-48	Rx membrane dosing pump	5	2	50	B
DO-2402-08	Complete head				B
HP-4028-362	Teflon membrane				B
IN-7806-70	Injection valve				B
DO-2406-02	Foot valve				B
DO-2406-12	PVDF Foot valve				B
DO-2406-14	PVDF Injection valve				B



DOSING PUMP DRP
ELECTROMAGNETIC WITH pH or Rx CONTROL

TECHNICAL CHARACTERISTICS:

- Made of PVDF compatible with most chemical products.
- The use of ceramic balls as standard improves the reliability of the dosing and the chemical compatibility of the entire hydraulic part of the pump.
- Digital interface with constant or proportional dosing, depending on pH measurement.
- Input for temperature probe type PT100 (PT100 optional).
- Alarm repeat relay.
- On-Off input for remote activation.
- 4-20 mA output for measurement transmission.
- Intuitive programming: the programming menu is self-explanatory and available in 5 languages. When a function is selected, the pump only shows the parameters to be entered for that function.
- pH pump: Suitable for pH+ y pH-

Accessories included:



Recommended
use for pH:
Sulfuric Acid

CODE	MODEL	MAX. FLOW (L/h)	PRESSURE (Bar)	POWER (W)	FAM.
HP-4028-28	Electromagnetic DRP dosing pump pH	9	2	12,2	B
HP-4028-29	Electromagnetic DRP dosing pump Rx	9	2	12,2	B
HP-4028-21	PVDF/FPM Head				B
HP-4028-25	Membrana dosificadora DRP				B
IN-7806-70	Injection valve				B
DO-2406-02	Foot valve				B
DO-2406-12	PVDF Foot valve				B
DO-2406-14	PVDF Injection valve				B



DOSING PUMP PERFEKTA
ELECTROMAGNETIC WITH pH or Rx CONTROL

TECHNICAL CHARACTERISTICS

- Electromagnetic pH or Rx pump with backlit LCD display.
- ON/OFF and proportional operation.
- Input for pH probe. Measuring range:
 - 0÷14pH;
 - -1000mV ÷ +1400mV;
- Hysteresis.
- Pump activation delay.
- Manual temperature compensation 0-100°C.
- Predisposition for level probe.
- Alarm settings.
- IP65 protection.
- Capacity up to 20 l/h or 15 bar.
- Standard configuration: PP pump body, PTFE diaphragm, FPM seals, ceramic valves.
- Automatic drain available on request (flow rates 5-15 l/h).
- Standard power supply: 220-240V.
- pH pump includes: pH probe.
- Rx pump includes: Rx probe (gold).

Accessories included:



Recommended
use for pH:
Sulfuric Acid

CODE	MODEL	MAX. FLOW (L/h)	PRESSURE (Bar)	POWER (W)	VOLTAGE (V)	TUBE (mm)	FAM.
HP-4034-44	Electromagnetic PERFEKTA pH dosing pump	8	2	50	230	4 x 6	B
HP-4034-46	Electromagnetic PERFEKTA Rx dosing pump	8	2	50	230	4 x 6	B
HP-4034-50	Panel pH-Rx 5L/h PERFEKTA dosing pump						B
HP-4035-02	PERFEKTA dosing pump Head						B
HP-4035-04	PERFEKTA dosing pump Bottom filter						B
HP-4035-06	PERFEKTA dosing pump Injector						B
HP-4035-08	PERFEKTA dosing pump membrane						B

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

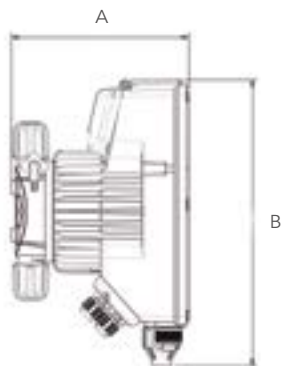
E. PANELS

DISINFECTION

HEATING



Recommended use:
Sulfuric Acid



CODE	DIMENSIONS (mm)		
	A	B	C
DO-2002-02	144,1	233,2	119

HW PVDF2

DOSING PUMP

Analogue dosing pump with manually adjustable constant flow rate.

CHARACTERISTICS AND TECHNICAL SPECIFICATIONS

- Glass-fibre reinforced polypropylene casing. Degree of protection IP65
- Pump head: PVDF
- Membrane: PTFE
- Two frequency ranges: 0-20% and 0-100% of control of the maximum flow rate
- Frequency: 160 pulses per minute
- LED injection indicator to control frequencies
- Wall mount
- Includes standard installation kit with PVDF-T foot valve.
- Injection valve.
- PVC suction tube; discharge pipe (4/6Ø)
- Ceramic ball valve
- Manual drain
- Working temperature: 0 to 45°C
- Power supply: 100...240VAC 50/60 Hz
- Power consumption 28 W (max.)

FOR HYPOCHLORITE, ANTI-ALGAE
AND FLOCCULANTS

CODE	MODEL	FLOW (L/h)	PRESSURE (Bar)	FAMILY
DO-2002-02	603	5	10	B
DO-2002-06	800	10	10	B
TU-0602-07	PE tubing 6 x 4mm translucent			B
DO-2002-50	Tank mounting bracket			B
DO-2402-58	Complete head			B
DO-2406-30	PTFE Membrane			B
IN-7806-70	Injection valve			
DO-2406-02	Foot valve			
DO-2406-12	PVDF Foot valve			B
DO-2406-14	PVDF Injection valve			B



POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



pH & Rx CONTROL PANEL

TECHNICAL CHARACTERISTICS

- Two electromagnetic pumps -pH/Rx with backlit LCD display.
- ON/OFF and proportional operation.
- Input for pH or Rx probe. Measuring range:
 - 0÷14pH;
 - -1000mV ÷ +1400mV;
- Hysteresis.
- Pump activation delay.
- Manual temperature compensation 0-100°C.
- Predisposition for level probe.
- Alarm settings.
- IP65 protection.
- Capacity up to 20 l/h or 15 bar.
- Standard configuration: PP pump body, PTFE diaphragm, FPM seals, ceramic valves.
- Automatic drain available on request (flow rates 5-15 l/h).
- Standard power supply: 220-240V.

INCLUDES

- pH probe and Rx probe.

Recommended use:
Sulfuric Acid

CODE	MODEL	FLOW (L/h)	PRESSURE (Bar)	POWER (W)	VOLTAGE (V)	TUBE (mm)	FAMILY
HP-4034-50	pH - Rx panel	8	2	50	230	4 x 6	B



pH & Rx CONTROL PANEL

TECHNICAL CHARACTERISTICS

- Thermoformed ABS panel.
- Two electromagnetic pumps mod. ME1S -pH/Rx, with integrated pH and Rx controller.
- Digital display for reading of values and programming.
- Easy programming and calibration, possible with only two buttons and a digital display
- Security system T.A.L. incorporated, to check the product/probe incorporated.
- Equipped, assembled and ready for use
- Equipped with accessory kit.

COMPONENTS

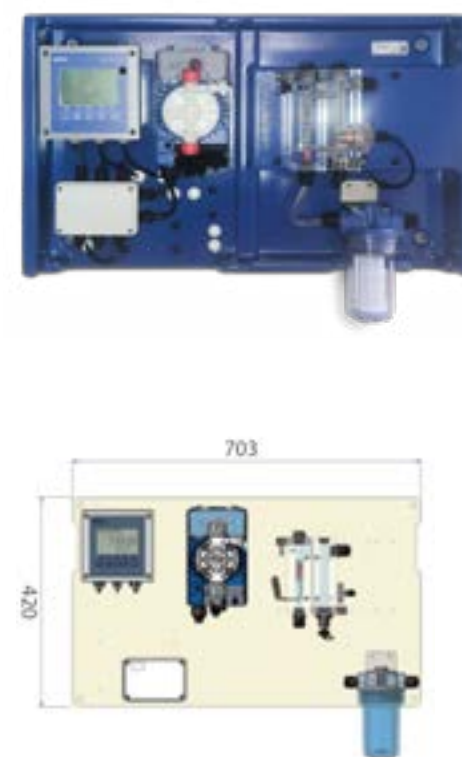
- Pump body: PVDF
- Diaphragm: PTFE
- Injection valves: PYREX 6mm
- Injection fittings: PP
- O ring: Viton

ACCESSORY KIT

- 2 injection valves
- 2 injection tubes PE 2m
- 2 suction pipes PVC 2m
- 2 bed filters PP
- 2 collars

Recommended use:
Sulfuric Acid

CODE	MODEL	FLOW (L/h)	PRESSURE (Bar)	POWER (W)	VOLTAGE (V)	TUBE (mm)	FAMILY
HP-4028-50	pH - Rx thermoformed panel	5	2	50	230	4 x 6	B



CL₂ PANEL

TECHNICAL CHARACTERISTICS

- Amperometric probe 0-5 ppm.
- Temperature measurement with PT100 / PT1000 probe (optional).
- Programming keyboard with 5 keys.
- Graphic display, 128x128 pixels, backlit with white led.
- 1 programmable analog output.
- 1 programmable digital frequency output.
- 2 relay outputs for remote intervention, washing and alarm thresholds.
- 1 digital input for dose blocking.
- 100÷240 Vac 50-60 Hz
- 12÷32 Vd

INCLUDES

- Central control.
- Reading Cell.
- Sediment filter
- Washable Cartridge.
- Filter Key.
- Installation kit.
- Cleaning kit.
- Panel de montaje
- Dosing machine: DO-2002-10 ~ 8 L - 2 Bar.
- Mounting panel

CODE	MODEL	FAM.
HP-4028-90	Galvanic Chlorine Panel	B
IN-2610-02	Chlorine Probe	C
IN-7804-07	Chlorine probe beads	C

CL₂ CONTROL PANEL

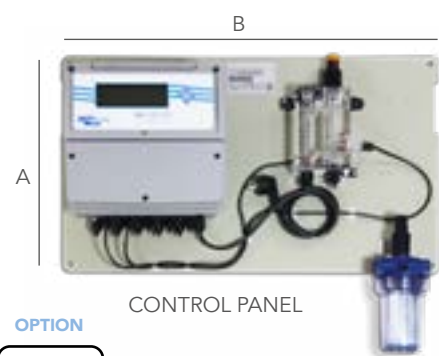
TECHNICAL CHARACTERISTICS

- Safety filter
- Methacrylate probe holder
- Flow sensor
- 0-5 PPM amperometric probe
- Flow regulator
- M series single parameter controller
- Basic or expert menu with multiple configuration options
- RS485 MODBUS communication output
- Programmable relay output
- Alarm relay output
- Internal clock
- Temperature sensor input
- Level sensor input
- Chlorine reading and management
- 1 analog output 4-20 mA (1 per reading)
- 1 PKX 5-5 pump

PUMP FEATURES

- Manual flow adjustment 0-100%
- PP head
- PP suction/injection kit
- Injector with lip valve
- Flow rate 5 l/h - 5 Bar
- Maximum back pressure 5 Bar
- Wall or base mount included

CODE	MODEL	FAM.
HP-4034-90	CL ₂ control panel	B
HP-4034-76	Chlorine Probe	C
HP-4034-78	Chlorine probe beads	C



OPTION



+ 2 DOSING PUMPS

CODE	DIMENSIONS (mm)	
	A	B
HP-6602-02	430	700

pH & CL₂ CONTROL PANEL

Regulation and control panel of the residual level of free chlorine in water treatment installations, pre-mounted on PVC panel.

APPLICATIONS

The panels, installed in diverse facilities, offer automated control and regulation of free chlorine levels and pH. The system provides clear and legible display of values, with the option to program limit values using alarms for required parameters. These panels are highly programmable, enabling versatile use in various operating conditions. The controller continuously measures the target element via a probe, directing the dosing pump to inject or withhold based on measured values and operator-set limits.

INCLUDES

- Control center K800.
- Temperature measurement with PT100 / PT1000 probe (optional).
- Amperometric sensor Cu-Pt for free chlorine 0-5 ppm self-cleaning.
- pH probe.
- Methacrylate sensors housing.
- Manual flow control valve.
- Drain and sampling tap.
- Sensor of lack of flow.
- Port RS485 with protocol MODBUS RTU.
- 2 dosing pumps 8 L/h a 2 Bar.
- Power supply 100÷240 vac 50 /60 Hz.
- Hydraulic inlet/outlet connection 8x12 mm.
- Flowmeter - rotameter.

Recommended use:
Sulfuric Acid

CODE	MODEL	FAM
HP-6602-02	pH - CL ₂ control panel	B
IN-2604-14	WIFI option	B
HP-4034-76	Chlorine Probe	C
HP-4034-78	Chlorine probe beads	C

NEW



pH & CL₂ CONTROL PANEL

- Safety filter
- Methacrylate probe holder
- Flow sensor
- 0-5 PPM amperometric probe
- Flow regulator
- M series single parameter controller
- RS485 MODBUS communication output
- Programmable relay output
- Alarm relay output
- Internal clock
- Temperature sensor input
- Level sensor input
- 2 relay outputs for measurement 1
- 1 relay output for measurement 2
- 2 analog outputs 4-20 mA (1 per reading)
- 2 PKX 5-5 pumps

PUMP FEATURES

- Manual flow adjustment 0-100%
- PP head
- PP suction/injection kit
- Injector with lip valve
- Flow rate 5 l/h - 5 Bar
- Maximum back pressure 5 Bar
- Wall or base mount included

Recommended use:
Sulfuric Acid

CODE	MODEL	FAM
HP-4034-70	pH - CL ₂ control panel	B
HP-4034-76	Chlorine Probe	C
HP-4034-78	Chlorine probe beads	C

NEW



OPTION



NEW



pH & CL₂ MEMBRANE PANEL+ Temp

Panel for regulating and controlling the residual free chlorine level in water treatment plants and swimming pools, pre-mounted on a PVC panel.

APPLICATIONS

The panels offer automatic control of free chlorine and pH levels in various facilities. The measured values are clearly displayed, with the ability to program limits using alarms. These panels are flexible and can be adapted to various operating conditions, allowing continuous regulation via a probe and a dosing pump according to the values set by the operator.

INCLUDES

- K-102 control unit.
- Temperature measurement with PT100/PT1000 probe.
- Potentiostatic sensor for free chlorine 0-5 ppm.
- pH sensor.
- Methacrylate sensor holder.
- Manual flow control valve.
- Sample tap.
- Flow failure sensor.
- RS485 port with MODBUS RTU protocol.
- 2 dosing pumps 5 L/h at 8 Bar.
- Power supply 100÷240 VAC 50/60 Hz.
- Hydraulic connection inlet/outlet 8x12 mm.
- Flow meter - rotameter.

CODE	MODEL	FAM
HP-6604-02	Chlorine and pH membrane panel + Temperature	B
IN-7802-17	0-5 ppm membrane probe	B
IN-2610-40	Electrolyte gel	B
IN-6702-10	Free chlorine membrane	B
IN-2604-14	WIFI option	B

pH y CL₂ MEMBRANE PANEL

- Safety filter
- Methacrylate probe holder
- Flow sensor
- 0-5 PPM amperometric probe
- Flow regulator
- M series single parameter controller
- RS485 MODBUS communication output
- Programmable relay output
- Alarm relay output
- Internal clock
- Temperature sensor input
- Level sensor input
- 2 relay outputs for measurement 1
- 1 relay output for measurement 2
- 2 analog outputs 4-20 mA (1 per reading)

2 dosing pumps 5-5

PUMP FEATURES

- Manual flow adjustment 0-100%
- PP head
- PP suction/injection kit
- Injector with lip valve
- Flow rate 5 l/h - 5 Bar
- Maximum back pressure 5 Bar
- Wall or base mount included

Recomendación de uso:
Ácido Sulfúrico

CODE	MODEL	FAM
HP-4034-80	Chlorine and pH membrane panel	B
HP-4034-84	0-5 ppm membrane probe	B
HP-4034-86	Electrolyte gel	B
HP-4034-88	Free chlorine membrane	B



TURB-PAHW CONTROL PANEL

COMPATIBLE WITH THE LEGIONELLA RD 614/2024

Water turbidity measuring panel, suitable for supplementing existing chlorine and pH measuring devices, thus complying with the standards.

INCLUDES:

- Control unit.
- Turbidity sensor 0-10 NTU or 0-100 NTU programmable.
- Opaque probe holder with flow sensor.

CODE	MODEL	FAM.
IN-5011-100	TURB-PAHW 0-10 NTU Control panel	B

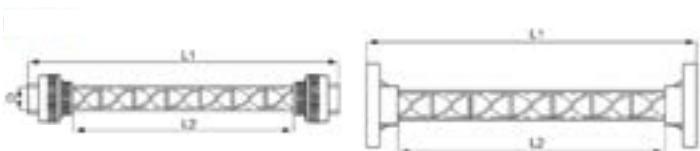


HW STATIC MIXER

Material: UPVC.
Maximum pressure: PN10

OTHER APPLICATIONS:

- Mixing of water treatment chemicals
- pH control
- Chlorination and ozonation
- Process control sampling



MODEL	DIMENSIONS (mm)		
	D	L1	L2
TU-1069-02	20	252	156
TU-1069-04	25	330	225
TU-1069-06	32	420	292
TU-1069-08	40	495	336
TU-1069-10	50	565	406
TU-1069-12	63	695	497
TU-1069-14	75	900	642
TU-1069-16	90	880	770
TU-1069-18	110	990	850

CODE	MODEL	DIAMETER	CAPACITY (m³/h)	CONEXION	FAM.
TU-1069-02	Static mixer DN15	20 mm	0.4-1	GLUE	B
TU-1069-04	Static mixer DN20	25 mm	0.6-1.8	GLUE	B
TU-1069-06	Static mixer DN25	32 mm	1-3.2	GLUE	B
TU-1069-08	Static mixer DN32	40 mm	1.4-6	GLUE	B
TU-1069-10	Static mixer DN40	50 mm	2.2-10	GLUE	B
TU-1069-12	Static mixer DN50	63 mm	3.5-18	GLUE	B
TU-1069-14	Static mixer DN65	75 mm	10-30	GLUE	B
TU-1069-16	Static mixer DN80	DN80	15-45	FLANGES	B
TU-1069-18	Static mixer DN100	DN100	30-70	FLANGES	B



SACRIFICIAL ANODE SHIELD

PREVENTS ELECTROLYTIC CORROSION OF POOL METAL

For pools and spas.

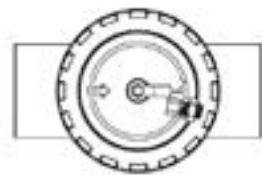
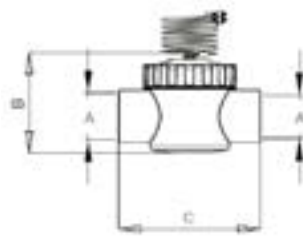
The equipment, consisting of a zinc sacrificial anode, reduces the corrosion of the metal parts of the pool caused by hydrolysis.

All the metallic parts of the pool reduce electrolytic corrosion thanks to the protection of the sacrificial anode.

Sacrificial anodes stabilize measurement instrument readings.

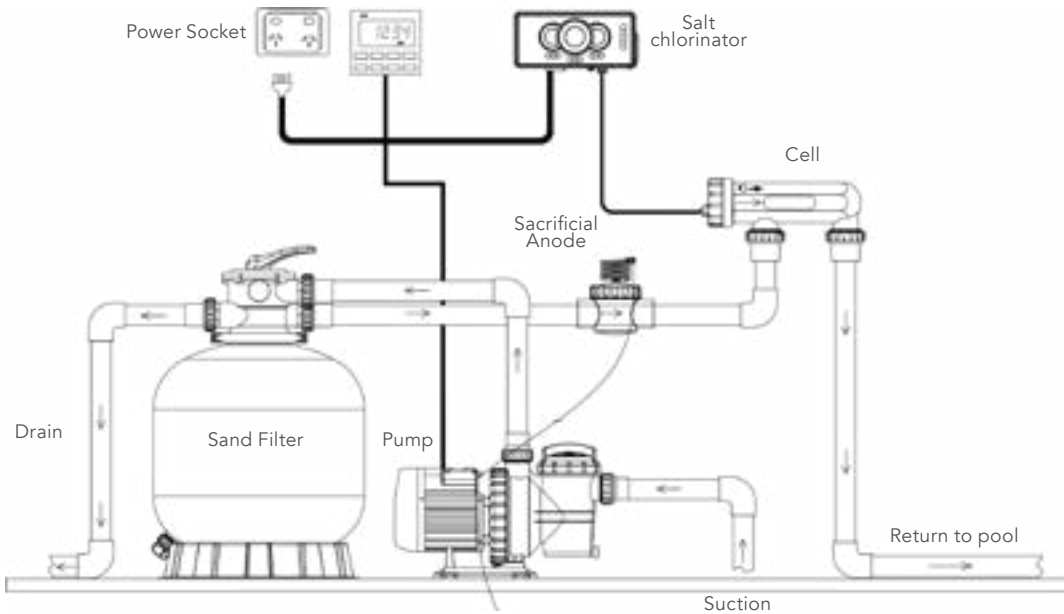
MAIN FEATURES

- The Easy installation inline design is added to the existing 63mm pipe system
- Max. 4 Bar working pressure
- Long life cycle pure zinc alloy
- 1m 8 AWG solid copper wire and transparent lid cover for observation
- Made of ABS and PVC



CODE	DIMENSIONS (mm)		
	A	B	C
HP-6205-90	Ø 63	129	190

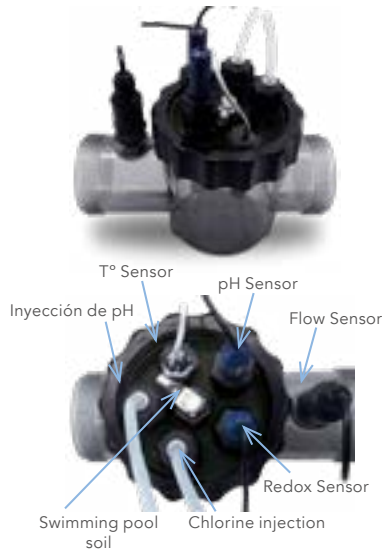
TYPICAL INSTALLATION AND LOCATION



CODE	MODEL	CONNECTION (MM)	FAM.
HP-6205-90	Sacrificial anode shield	63	A
HP-6205-88	Replacement sacrificial anode		B

SENSORS AND MEASUREMENT ACCESSORIES

CÓDIGO	MODELO	FAM.
PH, REDOX AND TEMPERATURE METERS		
HP-4029-05	pH sensor, plastic material, 5 meters fixed cable, BNC connector	B
HP-4030-05	Rx sensor, mat. plastic material, 5 meters fixed cable, BNC connector	B
HP-4031-05	Rx sensor, mat. plastic material, 5 meters fixed cable, BNC connector (GOLD) For salt chlorination	B
IN-7806-07	PT100-NUT, Temperature sensor range 0-100°C, PVC material, max. pressure 7 bar, 1 mt 2-wire cable, 1/2" gas M included	B
HI-70007P	Calibration solution pH 7.01 (25 envelopes)	B
HI-70004P	Calibration solution pH 4.01 (25 envelopes)	B
HI-700224P	Calibration solution RX 470 mv (25 envelopes)	B
CHLORINE PROBE FOR PANEL Spare parts for panel IN-2604-04, IN-2604-06		
IN-2610-02	Probe for complete free Chlorine pt-cu (copper-platinum) for COCLOP	C
PH or REDOX PORTABLE SENSORS (1/2 ")		
IN-6602-09	Filter type portable sensor for pH or redox sensor (1/2")	B
IN-6602-06	Filter type portable sensor for two pH or redox sensors (1/2")	B
IN-6601-04	PG 2A 1/2" portable sensor with pH insertion or REDOX clamp	B
TU-1202-07	Clamp PP 50 x 1/2"	B
TU-1202-08	Clamp PP 63 x 1/2"	B



PROBE CUP AND PRODUCT INJECTION

This measuring and reading container simplifies the connection of water treatment accessories (sensors, probes, injectors, etc.).

- Centralises all connections necessary for water treatment.
- Compact and practical device
- Simplified connection
- Saves time and space in the installation
- Compatible with most swimming pool products: salt chlorinators, pH regulators, Redox regulators, home automation...

CODE	MODEL	DIMENSIONS (mm)	FAM.
HP-4400-99	Proe cup and product injection	Ø134 x 155 alto x 240 ancho	B

DD DOSING TANKS

Monobloc tank, rotationally molded, made of linear high-density polyethylene, with anti-ultraviolet additives. Food grade, designed for water treatment and dosing systems.

- Cylindrical shape with a flat bottom, and a sloping opening for easy filling and a Ø226 mm screw cap.
- Available in translucent white with volume scale, they allow you to display the fill level.
- Optionally, they can incorporate a retention tray to guarantee watertightness.
- Suitable for temperatures below 40°C and densities up to 1.5 Kg/L.
- Designed to allow the coupling of a dosing pump. Equipped with a wide upper bridge for the placement/fixing of pumps, agitators, etc..

CODE	MODEL	VOL. (L)	Ø (mm)	ALT. (mm)	Ø HEIGHT (mm)	FAM.
DE-0212-150	DD15* Tank	150	580	779	226	B
DE-0212-250	Depósito DD25* Tank	250	580	1125	226	B
DO-2002-60	1/2" ball valve assembly					B
DO-2002-62	Dosing pump assembly					B
DO-2002-64	Agitator assembly					B
DO-2002-66	PVC support plate + plastic screws					B

* Other colors consult

DOSING TANKS

Cylindrical deposit with screw cap for storage of chemical products.

- Made of linear polyethylene additive anti-UV; food quality
- Reinforced upper zone that gives rigidity to the mount of mixers and dosing pumps.
- Vertical inlet to improve mixing.
- Liquid Level Indicators.

CODE	VOLUME (L)	DIAMETER (mm)	HEIGHT (mm)	FAM.
DE-0206-01	50	390	530	B
DE-0206-02	120	510	730	B
DE-0206-03	200	570	900	B
DE-0206-04	300	610	1190	B
DE-0206-05	500	760	1180	B
DE-0206-06	1000	1100	1360	B

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING



The Pool-Lab Photometer for 24 pool water parameters. With Bluetooth®, Wi-Fi and three parallel measuring cameras.



MEASUREMENT OF WATER PARAMETERS WITH
POOL-LAB PHOTOMETER
MULTIPARAMETRIC

- Measures 3 parameters in parallel thanks to 3 parallel chambers
- Measures 24 pool parameters
- Bluetooth and Wifi
- Large colour display
- Interchangeable cuvette (3 cavities)
- 4 wavelengths (460/525/565/625nm)
- Waterproof IP68
- Free Software/APP/Cloud
- Tablets / Drops / Powder



The Pool-Lab Photometer is the perfect solution for professional pool and spa water analysis. The fixed but interchangeable 3-cavity cuvette allows quick sampling by simply immersing the IP68 waterproof Pool-Lab Photometer in water.

9 keys give direct access to ZERO operation (only 1 x per measurement series is required), and to 24 different pool water parameters.

The Pool-Lab Photometer has built-in Bluetooth® and WiFi to actively connect to the free LabCom® software and APP, or to automatically synchronise data with the LabCom® cloud.

The test results are always assigned to the accounts created individually by the user from the source water of the measurement. In the LabCom® software and APP, you can, among other things, print reports, calculate the active chlorine content and even receive dosing recommendations based on individually registered water treatment products. The calculation of the LSI index is also offered via the software and app. Using the free cloud service, the Pool-Lab Photometer can automatically synchronise data via WiFi, if desired, thus ensuring that the software and the APP always work with the same database.

24 SWIMMING POOL PARAMETERS

- Chlorine (free / combined / total)
 - pH-value
 - Alkalinity (acid capacity)
 - Cyanuric acid (stabiliser)
 - Active oxygen (MPS)*
 - Bromine**
 - Chlorine dioxide** Chlorine
 - Ozone**
- Hydrogen peroxide*
 - Aluminium*
 - Ammonium*
 - Chloramine*
 - Copper*
 - Calcium hardness*
 - Total hardness*
 - Phosphate*
- Iron*
 - Nitrate*
 - PHMB*
 - Potassium*
 - QACs*
 - Sulfate*
 - Urea*
 - Zinc*

* Requires reagents not included in the starter kit.

** Glycine tablets are required if Chlorine is present. Glycine tablets are not included in the basic kit.

CODE	MODEL	FAM.
HP-4606-43	Pool-Lab Photometer	A

KIT CONTENTS

BASIC EQUIPMENT

- 1 x Pool-Lab Photometer with Bluetooth and Wifi, waterproof IP68
- 1 x Triple cuvette (interchangeable)
- 1 x Light protection cover
- 3 x Plastic stirring rods
- 1 x 10 ml syringe
- 3 x AA batteries
- 1 x Printed user manual
- 1 x Storage bag

Free LabCOM software, free LabCOM APP and free LabCOM Cloud Service.

PARAMETERS

- Measures all parameters in the table below.
- Possible future parameters can be easily imported by running an update (LabCOM® application/software).

REAGENTS

- 20 tablets phenol red
- 20 tablets DPD N° 1
- 10 tablets DPD N° 3
- 10 tablets Alkalinity-M
- 10 tablets CYA test
- All tablets are photometer tablets.

PARAMETER	TABLET METHOD	DOPLET METHOD	PARAMETER	TABLET METHOD	DOPLET METHOD
Cyanuric acid	0 – 160 mg/l (ppm)	-	Iron (LR)	0.00 – 1.00 mg/l (ppm)*	-
Alkalinity	0 – 200 mg/l (ppm)	-	Nitrate	1 – 100 mg/l (ppm)*	-
Aluminium	0.00 - 0.30 mg/l (ppm)*	-	Active Oxygen (MPS)	0.00 – 30.0 mg/l (ppm)*	
Ammonium	0.00 – 1.20 mg/l (ppm)*	-	Ozone	0.00 – 5.40 mg/l (ppm)**	0.00 – 2.70 mg/l (ppm)* **
Bromine	0.00 – 18.0 mg/l (ppm)**	0.00 – 9.00 mg/l (ppm) *	Hydr. peroxide (LR)	0.00 – 5.40 mg/l (ppm)**	
Chlorine (fCl cCl tCl)	0.00 – 8.00 mg/l (ppm)	0.00 – 4.00 mg/l (ppm) *	Hydr. peroxide (LR)	0 – 200 mg/l (ppm)*	
Chlorine (HR)	5 – 200 mg/l (ppm)*	-	pH	6.50 – 8.40 pH	6.50 – 8.40 pH*
Chloramine	0.00 – 8.00 mg/l (ppm) *	-	PHMB	5 – 60 mg/l (ppm)*	
Copper	0.00 – 5.00 mg/l (ppm) *	-	Potassium	0.70 – 12.0 mg/l (ppm)**	
Chlorine dioxide	0.00 – 15.0 mg/l (ppm) *	0.00 – 7.50 mg/l (ppm) *	QACs	25 – 150 mg/l (ppm)*	
Calcium hardness	-	0 - 500 mg/l (ppm) *	Sulphate	5 – 100 mg/l (ppm)*	
Total hardness	.	0 - 500 mg/l (ppm) *	Urea	0.10 – 2.50 mg/l (ppm)*	
Phosphate (LR)	0.00 – 4.00 mg/l (ppm) *	-	Zinc	0.00 – 1.00 mg/l (ppm)*	
Phosphate (HR)	0-80 mg/l (ppm)	-			

* Requires reagents not included in the starter kit. ** Glycine tablets are required if Chlorine is present. Glycine tablets are not included in the basic kit.

REAGENTS FOR POOL-LAB PHOTOMETER

CODE	MODEL	FAM.
IN-7217-59	Total liquid hardness 50 photometer test	B
IN-7217-60	Glycerine 50 photometer tablets	B
IN-7217-61	Cyanuric acid 50 photometer tablets	B
IN-7217-62	DPD N1 (Free Chlorine) 100 photometer tablets	B
IN-7217-63	DPD N1 (Free Chlorine) 50 photometer tablets	B
IN-7217-64	DPD N3 (Total Chlorine) 50 photometer tablets	B
IN-7217-65	Phenol (pH) 100 photometer tablets	B
IN-7217-66	Phenol (pH) 50 photometer tablets	B
IN-7217-67	Alkalinity (pH) 50 photometer tablets	B

* For other reagents, please consult your sales representative.





APPROVED MEASURING DEVICE
SWIMMING POOLS TURBIDIMETER

Designed specifically for water quality measurements, it provides accurate and reliable readings, even in low turbidity ranges. It uses an advanced optical system that guarantees accurate results, ensures long-term stability and minimises light deflection and colour interference. Regular calibration with the supplied standards compensates for any variation in tungsten lamp intensity. In addition, special 25 mm optical glass cuvettes ensure repeatability in turbidity measurements.

- Up to three-point calibration.
- Bucket safety system.
- Waterproof keyboard.

Turbidity is essential for assessing drinking water quality and is a key indicator for protection against pathogens. In natural waters, turbidity is measured to assess overall quality and its suitability for aquatic environments. Wastewater control has historically relied on turbidity management. Today, end-of-treatment measurement ensures compliance with regulations.

The requirements of an optical turbidimeter for low-interval diffuse radiation measurements, as applied in drinking water according to ISO 7027:1999, include:

- Diffuse radiation measurement for water with low turbidity (0 FNU to 40 FNU).
- The wavelength of the incident radiation will be 860 nm.
- The spectral bandwidth of the incident radiation shall be less than or equal to 60 nm.
- There shall be no divergence from the parallelism of the incident radiation and any convergence shall not exceed 1.5°.
- The angle of measurement, between the optical axis of the incident radiation and that of the diffuse radiation shall be 90 or +/- 2.5°.
- The opening angle should be between 20° and 30° in the water sample.

Range	0.00 to 1000 FTU
Resolution	0.01 (0.00 to 50.00 FTU); 1 (50 to 1000 FTU)
Accuracy	± 0.5 FTU o ± 5% of reading (whichever is higher)
Calibration	Three points (0 FTU, 10 FTU and 500 FTU)
Light detector	Silicon photocell
Light Source	Infrared LED
Battery type / life	1.5V AA (4) / approx. 60 h continuous use or 900 measurements; automatic switch-off after 5 mn of inactivity
Environmental conditions	0 to 50°C ; HR max. 95% (non-condensing)

OPERATING PRINCIPLE:

The HI-93703 uses a beam of light that is scattered in all directions as it passes through the sample. Its optical system minimises stray light, ensuring accuracy in low turbidity samples.

GENERAL CHARACTERISTICS:

- **Single beam design:** Measures turbidity in the range of 0.00 to 1000 FTU with 90° scattered light detection.
- **ISO compliance:** It follows the ISO 7027 method and shows results in FTU.
- **Complies with the R.D. of Swimming Pools:** 742/2013 establishing the technical-sanitary criteria for swimming pools.
- **Powerful calibration:** Compensates for variations in light intensity with two or three-point calibration.
- **Primary standard AMCO AEPA-1:** Uses USEPA-recognised standards, made of non-toxic polymer spheres.
- **Last calibration date:** Allows the date of the last calibration to be stored for reference.
- **Low battery indicator:** Warns when the batteries are low, allowing up to 50 measurements before replacing them. The meter automatically shuts off when the battery does not allow reliable measurements.

CODE	MODEL	FAM.
HI-93703	Turbidimeter with glass cuvette without case and standards	C
HI-93703-0	Pattern 1	C
HI-93703-10	Pattern 2	C
HS-93703LEG	Turbidimeter + Cuvette +Briefcase + Pattern 1 + Pattern 2	C



MEASUREMENT EQUIPMENT
FOR SWIMMINGPOOLS OF DOMESTIC USE

INDEX	CODE	DESCRIPTION	FAM.
pH	HI-98107	pH tester: - pH from 0.00 to 14.00 - Automatic calibration in 1 or 2 points - 1000h battery - Small diameter probe	C
Chlorine	HI-701	Free Chlorine Minifotometer with: - 0-2.5 ppm range - 0.01ppm resolution - Reagent sample HI-93701-01 (powder) y HI-93701 F (liquid)	C
pH Chlorine	MALETCLPH07POOL	The swimmingpool bag includes a HI 701 free chlorine checker and a HI 98100 pH tester, reagents for 100 tests and solutions	C
pH ORP T°	HI-98120	pH tester: - pH from 0.00 to 14.00 - Automatic calibration in 1 or 2 points - Small diameter probe ORP tester: - 0-1000 mV range - Temperature meter -5 to 60 °C	C

MEASUREMENT EQUIPMENT
FOR SWIMMINGPOOLS OF DOMESTIC USE
WITH SALT WATER CHLORINATOR

INDEX	CODE	DESCRIPTION	FAM.
pH Chlorine Salinity	MALETELECSAL07	The saline electrolysis bag includes a HI 701 free chlorine checker and a HI 98130 tester, reagents for 100 tests	C
pH Chlorine	MALETCLPHCHECK	The salt electrolysis case includes a HI7014 free chlorine checker and HI779 tester, reagents for 100 tests and solutions.	C

MEASUREMENT EQUIPMENT
FOR SWIMMINGPOOLS OF PUBLIC USE

INDEX	CODE	DESCRIPTION	FAM.
TDS/ COND. Tª pH	HI-98130	- Waterproof pocket device with a range of: - 0 to 10 g/L TDS - 0 to 20mS/cm² conductivity - Temperature 0 - 60°C / 32 -140°F - pH of 0.00 to 14.00	C
CO₂ Tª RH	HI-HSCO2	- Tester with a range of: - CO₂ 0 to 5000ppm - Temperature -20 to 80°C - Relative humidity 5 to 95% RH	C
Free Cl₂ pH Tª	MALETCLPHEM	- The case includes (HI701 + HI98107 + HI98501): - Free Chlorine from 0-2.5 ppm - pH from 0.0-14.0 - Temperature from -50.0-150.0 °C/-58.0-302.0 °F	C
Free Cl₂ pH EC TDS Tª	MALETCLPHCETEM	The case includes (HI701 + HI98130 + HI98501): - Free Chlorine from 0-2.5 ppm - pH 0.0-14.0 - EC 0.00-20.00 mS/cm - TDS 0.00-10.00 ppt (g/L) - Temperature from -50.0-150.0 °C/-58.0-302.0 °F	C
Turbidity Free Cl₂ pH Tª	HS93703CLPHEM	The case includes (HI93703+ HI701 + HI98107 + HI98501): - Turbidity 0.00 to 1000 FTU - Free Chlorine from 0-2.5 ppm - pH from 0.0-14.0 - Temperature from -50.0-150.0 °C/-58.0-302.0 °F	C
Turbidity Free Cl₂ Total Cl₂ Bromine pH Cyan. acid Iron Iodine COND. TDS Tª	HI-HSLEG03	Kit for the control of physical-chemical parameters of LEGIONELLA , according to Royal Decree 487/2022 , complies with the UNE-ISO 17381 standard. Includes (HI93703+ HI97101 + HI98130): - Turbidity 0.00 to 1000 FTU - Free and Total Chlorine 0.00-5.00 mg/L (ppm) Cl2 - Bromine 0.00-10.00 mg/L (ppm) - pH 6.5 to 8.5 pH - Cyanuric Acid 0-80 mg/L (ppm) - Iron 0.00-1.60 mg/L (ppm) - Iodine 0.0-12.5 mg/L (ppm) - Conductivity 0.00-20.00 mS/cm - TDS 0.00-10.00 ppt (g/L) - Temperature 0.0-60.0°C	C
Turbidity Free Cl₂ pH	HS98713CLPH	Case specially designed for DRINKING WATER , includes (HI98713 + HI701 + HI98107: - Turbidity 0.00 to 1000 FTU - Free Chlorine from 0-2.5 ppm - pH from 0.0-14.0	C

PHOTOMETRIC REAGENTS

CODE	PARAMETERS	RANGE	PACKAGING UNITS	FAM.
HI-93701F	Cyanuric acid (liquid reagent)	0,00 a 5,00 mg/L	300 tests	C
HI-93701T	Total Chlorine (liquid reagent)	0,00 a 5,00 mg/L	300 tests	C
HI-93701-01	Free chlorine (powdered reagent)	0,00 a 5,00 mg/L	100 tests	C
HI-93701-03	Free chlorine (powdered reagent)	0,00 a 5,00 mg/L	300 tests	C
HI-93711-01	Total chlorine (powdered reagent)	0,00 a 5,00 mg/L	100 tests	C
HI-93711-03	Total chlorine (powdered reagent)	0,00 a 5,00 mg/L	300 tests	C
HS-93701-F1	Free chlorine (liquid reagent)	0,00 a 5,00 mg/L	100 test	C
HI-93710-01	pH (liquid reagent)	pH (6,5 a 8,5)	100 test	C
HI-93710-03	pH (liquid reagent)	pH (6,5 a 8,5)	300 test	C
HI-93703-10	Turbidity solution for turbidimeter HI93703	10 NTU	30 ml	C
HI-93716-01	Bromine	0,00 a 10,00 mg/L	100 test	C
HI-93716-03	Bromine	0,00 a 10,00 mg/L	300 test	C
HI-93720-01	Calcium hardness (liquid reagent)	0,00 a 2,70 mg/L	100 test	C
HI-93720-03	Calcium hardness (liquid reagent)	0,00 a 2,70 mg/L	300 test	C
HI-93702-01	Free copper	0,00 a 5,00 mg/L	100 test	C
HI-93702-03	Free copper	0,00 a 5,00 mg/L	300 test	C
HI-93702T-01	Total copper	0,00 a 5,00 mg/L	100 test	C
HI-93702T-03	Total copper	0,00 a 5,00 mg/L	300 test	C
HI-775-26	Alcalinity	0 a 300 mg/L	25 test	C
HI-93755-01	Alcalinity	0 a 500 mg/L CaCO3	100 test	C
HI-93755-03	Alcalinity	0 a 500 mg/L CaCO3	300 test	C
HI-93703-52	Glycine powder		100 test	C
HI-93721-01	Iron	0,00 a 5,00 mg/L	100 test	C
HI-93721-03	Iron	0,00 a 5,00 mg/L	300 test	C
HI-93728-01	Nitrates (powdered reagent)	0,0 a 100 mg/L	100 test	C
HI-93728-03	Nitrates (powdered reagent)	0,0 a 100 mg/L	300 test	C
HI-93757-01	Ozone	0,00 a 2,00 mg/L	100 test	C
HI-93757-03	Ozone	0,00 a 2,00 mg/L	300 test	C
HI-93713-01	Low Range Phosphates	0,00 a 2,50 mg/L	100 test	C
HI-93713-03	Low Range Phosphates	0,00 a 2,50 mg/L	300 test	C
HI-93722-01	Cyanuric acid	0.00 a 80.00 mg/L	100 test	C
HI-93722-03	Cyanuric acid	0.00 a 80.00 mg/L	300 test	C
HI-93718-01	Iodine	0,0 a 12,50 mg/L	100 test	C
HI-93718-03	Iodine	0,0 a 12,50 mg/L	300 test	C

POOL EQUIPM.

LIGHTING

FILTRATION

PUMPS

E. PANELS

DISINFECTION

HEATING

POOL EQUIPM.

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HEATING



CHEMICALS AND POOL HEATING

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WELCLEAN CLEANER



WELCLEAN is the perfect ally to keep your pool's filtration systems in optimum condition.

Designed to thoroughly clean, degrease and descale filter cartridges, filter bags and sand filters, it ensures optimum performance and increased durability of filtration equipment.

Its advanced formula efficiently removes accumulated residues such as oil, grease, limescale and other organic and inorganic deposits, ensuring cleaner water and easier maintenance.

With WELCLEAN, keeping your pool spotless has never been easier.

Compatible with:

- Cartridge filters
- Bag filters
- Sand filters

CHARACTERISTICS

- Presentation: White granulated tablets, easy to handle and dissolve.
- Storage: Store in a dry place protected from moisture in a safe place.
- Contents: Contains Maleic Acid, a powerful descaling and cleaning agent.

INSTRUCTIONS

For cartridge and bag filters:

- Prepare a cleaning solution in a container suitable for the size of the cartridge or bag by diluting 1 tablet in 10 litres of water.
- Immerse the filter element completely in the solution and leave it to act for 8 hours to thoroughly descale and degrease.
- After the time has elapsed, rinse the cartridge or bag with clean water to remove any residue.

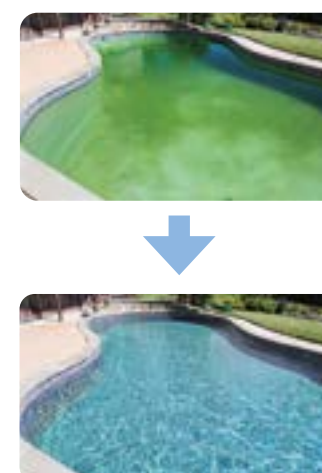
For sand filters:

- Insert the tablets directly into the sand filter, making sure to follow the specific instructions for use for your equipment.
- Fill the filter with water and leave the solution to act for 8 hours to effectively remove the accumulated dirt.
- Rinse the filter thoroughly before resuming operation.

Important note: We recommend regular maintenance to ensure an efficient filtration system and prolong the life of your pool equipment.



CÓDIGO	MODELO	FAM.
HP-1412-09	WELCLEAN box of 12 tablets of 40 g	B



FLOVIL FLOCCULANT

FLOVIL is the ideal solution for removing turbidity from swimming pool water by grouping colloidal particles into larger ones that are easily retained by the filters or decanted to the bottom for removal, also reducing the consumption of disinfectants.

CHARACTERISTICS

- FLOVIL groups microscopic particles suspended in the water by electrostatic attraction, facilitating filtration and reducing the time of this process by up to 50%.
- Compatible with all types of treatments and filters (sand, cartridge, diatomaceous earth), leaves the water crystal clear in a few hours..
- Odorless and unobtrusive for bathers, replacing other liquid, powder or sachet flocculants..

INSTRUCTIONS

Put the pellet (s) in the skimmer basket or compensation cup. The tablet comes into contact with water, dissolves slowly for a few days and acts in small doses. After the filtration of the precipitates in suspension the water becomes clear and crystalline.

- Maintenance: 1 tablet per week for pools up to 60 m³.*
- Shock treatment: (after the winter season, heavy rains, significant influx of bathers or in case of cloudy water), add to the water 3 tablets spread over its surface.

* Recommended dose per 60 m³

CODE	MODEL	FAMILY
HP-1412-02	FLOVIL blister 9 tablets	A

* Supplied in boxes of 20 blisters

WELBAG PRE-FILTER

Disposable pre-filter for skimmer baskets.

Facilitates cleaning of skimmer baskets, making pool maintenance easier and less frequent and improving water quality.

FEATURES

- Reduces maintenance and clogging of cartridge and sand filters by collecting all debris suspended in the pool water (leaves, needles, insects, oil, etc.).
- It is large enough to fit all skimmer and skimmer baskets.
- Good resistance to chlorinated products.
- Packed in bags of 10 pre-filters.

INSTRUCTIONS FOR USE

- The pre-filter is fitted by adjusting the elastic band on the edge of the skimmer basket.
- Put back the skimmer in its place.
- Replace the pre-filter when it is clogged.



CODE	MODEL	FAMILY
HP-1412-03	10 units pre-filter for skimmer basket	A

* Supplied in boxes of 10 blisters



ELECTRIC POOL HEATER

The heater is designed to heat water in above ground pools.

It is fixed to a stainless steel bracket which, once anchored, ensures a stable position of the heater.

The heater body is made of high temperature resistant plastic and the heater cartridge is made of TITANIUM.

Equipped with a flexible cable for connection to a 230V socket behind a circuit breaker. Switching is ensured by a switch with luminous signalling. Connection to the water circuit by means of 38 mm or 1" threaded hose clamps.

Withstands higher chemical stress and high chlorine concentrations. Suitable for installation in salt and sea water (can be used in combination with any water treatment, such as electrochemical solinators, etc.).

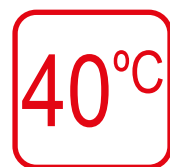
With circuit contactor as well as an electrical flow switch. The thermostat display and the heating circuit contactor are located in a separate control box, which is connected to the heater by 1.5 m long cables.

The connection is made by gluing with a removable adapter and conversion to PVC.

The control box can be installed in an easily accessible location, e.g. at eye level, for ease of operation. In this way, the heating unit can be installed in an ideal position "flush to the floor" and therefore always floodable.



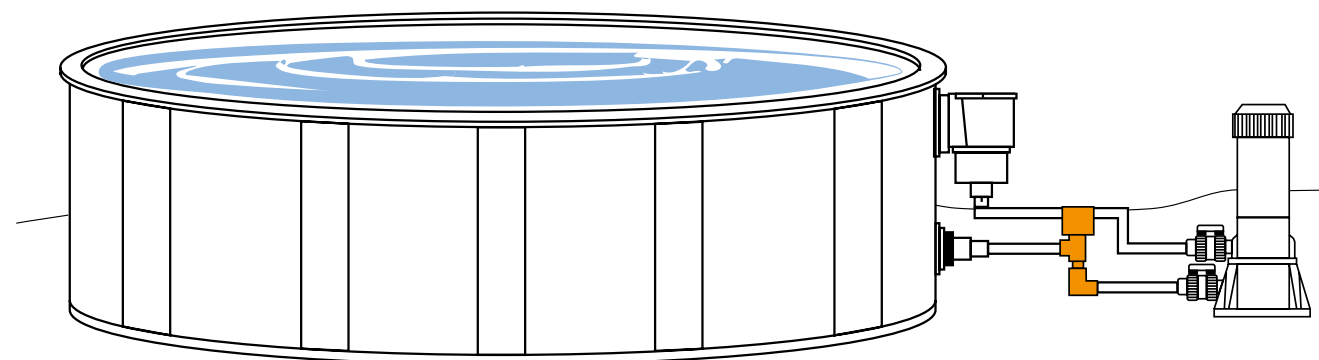
Titanium heating element



Heating up to 40°C



Flow switch



MAIN FEATURES

- Uses the conversion of electrical energy into thermal energy.
- Made of high quality PVC.
- Equipped with a TITANIUM heating element, the most corrosion-resistant material available.
- 100% tested to ensure watertightness.
- Suitable for intensive use and high chlorine concentration. Can be used with any water treatment, such as electrochemical salinisation systems, among others.
- Equipped with a thermostat up to 40 °C and a thermal fuse.
- Equipped with a flow switch to control the water flow rate.
- Includes 2 brackets for easy attachment.

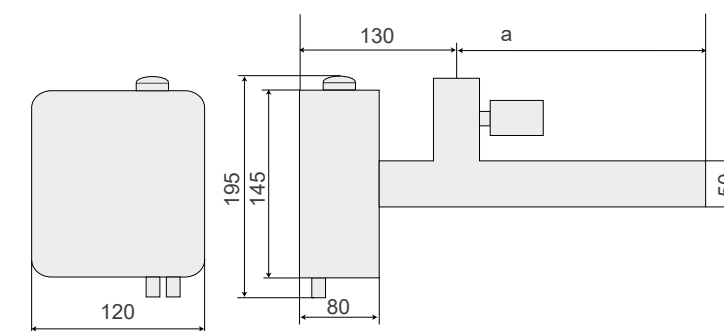
OPERATING CONDITIONS

- Minimum water flow rate: 4 m³/h.
- Operating pressure: 0-3 bar.
- Connection: for a water circuit with a pipe diameter of 50 mm.
- Water quality: maximum chloride content of 150 mg/l.
- Maximum chlorine content: 1 mg/l.
- pH range: 7,0-7,8.

TECHNICAL PARAMETERS

- Connection: 50 mm.
- Voltage: 230/400 V.
- Power: 3-6-9-12 kW.

CODE	MEASUREMENTS a (mm)	TRANSP. WEIGHT (KG)
HP-8019-03	355	3,35
HP-8019-06	355	3,45
HP-8019-09	495	3,80
HP-8019-12	495	3,90



CODE	MODEL	A	V	CONNECTION	FAM.
HP-8019-03	Electric pool heater 3 Kw	16	230	50 mm	B
HP-8019-06	Electric pool heater 6 Kw	16	400	50 mm	B
HP-8019-09	Electric pool heater 9 Kw	20	400	50 mm	B
HP-8019-12	Electric pool heater 12 Kw	25	400	50 mm	B

* IT IS RECOMMENDED TO ALWAYS COVER THE POOL WHEN NOT IN USE.

HEAT PUMP

MAG ULTRA-COMPACT



Its technology allows you to vary the speed of its compressor but also its fan to adapt perfectly to demand and thus reduce energy consumption and sound pressure.

By design and large evaporation surface, the ultra-compact Mag pump operates at a temperature of -5°C.

With the new Twisted Tech © heat exchanger technology with a twisted titanium coil, the pool temperature is even faster.

MAIN FEATURES

- Reversible.
- **Twisted Tech©** titanium heat exchanger.
- Compatible with salt treatment.
- Pool heat pump warranties:
 - Compressor 5 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 3 years
- Control from your smartphone
- Real-time water temperature displays.
- Application compatible with other domestic devices.



CODE	MODEL	FAMILY
HP-8050-02	Ultra-compact reversible heat pump with wifi MAG 3R	B
HP-8050-04	Ultra-compact reversible heat pump with wifi MAG 4R	B
HP-8050-06	Ultra-compact reversible heat pump with wifi MAG 5R	B

* IT IS RECOMMENDED TO ALWAYS COVER THE POOL WHEN NOT IN USE.

	MAG 3R	MAG 4R	MAG 5R
	HP-8050-02	HP-8050-04	HP-8050-06
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%		
Recommended pool volume (m³)	<21	<28	<35
Capacity (kW)	3000	4000	5000
Consumption (kW)	545	727	862
COR	5	5.5	5.8
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 80%		
Capacity (kW)	2100	2900	3700
Consumption (kW)	500	690	822
COR	4.2	4.2	4.5
	GENERAL DATA		
Power supply	Mono 220-240V / 50Hz		
Heating temperature range	15°C / 40°C		
Operating range	-5°C / 43°C		
Max. power (kW)	950	1200	1500
Max. current input (A)	4.3	5.6	6.9
Exchanger	Twisted Tech© Titanio		
Type of compressor	Rotary		
Brand of compressor	Toshiba		
Refrigerante	R32		
Water flow (m³/h)	1.5	2	2.5
Sound level 1m far away (dB(A))	<44		
Sound level 4m far away (dB(A))	<35		
Sound level 10m far away (dB(A))	<29		
Weight net/gross (Kg)	25 / 26	26 / 28	28 / 29
Measurement (mm)	420 x 290 x 430		
Packaging (mm)	470 x 380 x 480		
Function	Heating / Cooling / Auto		
Head losses (mCE)	0.8		



HEAT PUMP

JETLINE SELECTION FI



FULL INVERTER TECHNOLOGY

Its Full Inverter technology allows you to vary the speed of its compressor and fan to adapt perfectly to demand, thus reducing energy consumption and sound pressure.

By design and large evaporation surface made of hydrophilic aluminium, the Jetline Selection Fi operates at a temperature of -7°C.

With the new Twisted Tech © heat exchanger technology with a twisted titanium coil, the pool temperature is even faster.

MAIN FEATURES

- **Full Inverter** Technology.
- Reversible.
- Automatic defrosting.
- **Twisted Tech©** titanium heat exchanger.
- Compatible with salt treatment.
- Pool heat pump warranties:
 - Compressor 5 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 3 years.

ACCESSORIES INCLUDED



Set of supports anti-vibration



Condensation drain pipe



Extension of the wired remote control (10 m)



Ø 50 mm 1'' ½ PVC connectors



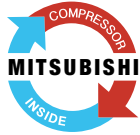
Winter cover



CODE	MODEL	FAMILY
HP-8040-02	Reversible heat pump Jetline with wifi 75	B
HP-8040-04	Reversible heat pump Jetline with wifi 95	B
HP-8040-06	Reversible heat pump Jetline with wifi 125	B
HP-8040-08	Reversible heat pump Jetline with wifi 155	B
HP-8040-10	Reversible heat pump Jetline with wifi 210	B

* IT IS RECOMMENDED TO ALWAYS COVER THE POOL WHEN NOT IN USE.

	75	95	125	155	210
	HP-8040-02	HP-8040-04	HP-8040-06	HP-8040-08	HP-8040-10
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%				
Recommended pool volume (m³)	30 - 45	40 - 50	45 - 65	65 - 80	80 - 110
Max. rated power (kW)	7,1	9,5	11,9	15,3	20,1
Min. rated power (kW)	2,04	2,3	2,35	2,5	2,77
Consumption (kW)	1,15	1,51	1,92	2,51	3,24
COR	6.2 ~ 13.6	6.3 ~ 14	6.2 ~ 16.4	6.1 ~ 16.3	6.2 ~ 16.5
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 80%				
Max. rated power (kW)	5,4	6,7	8,7	10,9	14,6
Min. rated power (kW)	1,4	1,5	1,7	1,9	2,15
Consumption (kW)	1,15	1,49	1,89	2,37	3,17
COR	4.7 ~ 6.5	4.5 ~ 6.6	4.6 ~ 7.8	4.6 ~ 7.7	4.6 ~ 7.9
	GENERAL DATA				
Power supply	Mono 230V / 50Hz				
Heating temperature range	15°C / 40°C				
Operating range	-7°C / 43°C				
Max. power (kW)	1.38	1.83	2.62	2.9	4.2
Exchanger	Twisted Tech© Titanio				
Type of compressor	DC inverter compressor				
Brand of compressor	Mitsubishi				
Coolant	R32				
Water flow (m³/h)	2~4	3~4	4~6	5~7	7~9
Sound level 1m far away (dB)	37~50	37~51	38~52	40~54	41~55
Sound level 10m far away (dB)	19~29	19~30	21~31	23~34	23~35
Weight net/gross (Kg)	37,5 / 43,5		39,5 / 45,5		50,5 / 59
Measurement (mm)	886 x 404 x 778			969 x 404 x 778	1166 x 424 x 878
Packaging (mm)	824 x 334 x 656			907 x 334 x 656	1104 x 354 x 756
Function	Eco & Boost Inverter / Heating / Cooling				
Head losses (mCE)	0,9	1	1,1	1,1	1,2





HEAT PUMP JET CITY, PRO and MAX

PERFECT COMBINATION OF PERFORMANCE AND DURABILITY

Jet heat pumps are the new benchmark in horizontal heat pumps, combining optimum performance, cutting-edge technologies, superior quality and an eco-responsible commitment.

They are made from recycled and recyclable materials, on production lines that use exclusively green energy.

Its optimised Full Inverter technology with SCOP >7 Class A: Efficient and economical, it operates down to -20°C on Pro and Max pumps and down to -25°C on City pumps.

MAIN FEATURES

- Horizontal ventilation.
- **Full Inverter** Technology.
- Modern and compact design.
- Wide power range:
 - Jet City: up to 40 m³
 - Jet Pro: up to 135 m³
 - Jet Max: up to 145 m³
- Smart connectivity.
- Optimal acoustic comfort.
- EVI technology ideal for extreme conditions (City model).
- Twisted Tech® titanium heat exchanger.
- Pool heat pump warranties:
 - Compressor 7 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 5 years.

ACCESSORIES INCLUDED



CODE	MODEL	FAM.
HP-8042-01	JET CITY WIFI 55 Heat Pump	B
HP-8042-02	JET PRO WIFI 75 Heat Pump	B
HP-8042-04	JET PRO WIFI 95 Heat Pump	B
HP-8042-06	JET PRO WIFI 125 Heat Pump	B
HP-8042-08	JET PRO WIFI 155 Heat Pump	B
HP-8044-08	JET PRO WIFI 155 TRI Heat Pump	B
HP-8042-09	JET PRO WIFI 180 Heat Pump	B
HP-8044-09	JET PRO WIFI 180 TRI Heat Pump	B
HP-8042-12	JET MAX WIFI 220 Heat Pump	B
HP-8044-12	JET MAX WIFI 220 TRI Heat Pump	B

* IT IS RECOMMENDED TO COVER ALWAYS THE POOL WHEN NOT IN USE.

	City 55	Pro 75	Pro 95	Pro 125	Pro 155	Pro 155 Tri	Pro 180	Pro 180 Tri	Max 220	Max 220 Tri
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%									
Recommended pool volume (m³)	25-40	30-55	40-70	50-95	65-115	65-115	80-135	80-135	120-145	120-145
Max. rated power (kW)	3.3 ~ 7	10.3	12.8	16	18.7	18.7	21.8	21.8	29.71	28.97
Min. rated power (kW)	-	2.9	2.9	3.8	3.8	3.8	3.8	3.8	8.97	7.12
Consumption (kW)	0.28 ~ 1.4	0.24 ~ 1.56	0.24 ~ 213	0.31 ~ 2.67	0.31 ~ 3.3	0.31 ~ 3.3	0.31 ~ 4	0.31 ~ 4	0.63 ~ 4.82	0.58 ~ 4.66
COR	11.9 ~ 5	12.1 ~ 6.6	12.1 ~ 6.0	12.4 ~ 6.0	12.4 ~ 5.7	12.4 ~ 5.7	12.4 ~ 5.5	12.4 ~ 5.5	6.16 ~ 14.36	6.22 ~ 12.28
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 70%									
Max. rated power (kW)	2.3 ~ 5.4	7.3	9.3	12.8	15	15	17	17	22.54	22.55
Min. rated power (kW)	-	1.9	1.9	3.5	3.5	3.5	3.5	3.5	7.01	6.62
Consumption (kW)	0.35 ~ 1.1	0.29 ~ 1.56	0.29 ~ 2.09	0.46 ~ 2.84	0.46 ~ 3.40	0.46 ~ 3.40	0.46 ~ 4	0.46 ~ 4	0.85 ~ 4.43	0.84 ~ 4.37
COR	6.6 ~ 4.9	6.55 ~ 4.69	6.55 ~ 4.45	7.6 ~ 4.5	7.6 ~ 4.5	7.6 ~ 4.5	7.6 ~ 4.3	7.6 ~ 4.3	5.09 ~ 8.25	5.16 ~ 7.88
	CAPACITY: AIR AT 35°C, WATER AT 26°C, HUMIDITY 80%									
Max. rated power (kW)	3.2 ~ 3.7	-	-	-	-	-	-	-	-	-
Min. rated power (kW)	-	-	-	-	-	-	-	-	-	-
Consumption (kW)	0.87 ~ 1.2	-	-	-	-	-	-	-	-	-
COR	3.7 ~ 3	-	-	-	-	-	-	-	-	-
	GENERAL DATA									
Power supply	Mono 230V~ /50Hz Tri 380 415V Mono 230V/ 50Hz Tri 380 415V 220-240V/50Hz 380-415V3N/50Hz									
Heating temperature range	15°C / 43°C	15°C / 40°C								
Operating range	-25°C / 43°C	-20°C / 43°C								
Max. power (kW)	1.7	2.2	2.6	4.2	4.2	4.2	5.3	5.3	6.16	6.10
Exchanger	Twisted Tech® Titano									
Type of compressor	Rotary									
Brand of compressor	GMCC									
Coolant	R32									
Water flow (m3/h)	3	3.1	3.9	6.9	6.9	8,3	6.9	8,3	9.86	
Sound level 1m far away (dB)	45	48	52	56	56	56	58	58	42~55	
Sound level 10m far away (dB)	28	28	32	36	36	36	38	38	30	
Weight net/gross (Kg)	48 / 33	46 / 52				53 / 59			123 / 143	
Measurement (mm)	910x550x540	988x365x712						1335x547x1106		
Packaging (mm)	705x490x505	1065x485x845						1288x505x955		
Function	Heating / Cooling	Heating / Cooling / Boost / Smart (Silent) / Eco								
Head losses (mCE)	0.3	0.5	0.7	2.2	2.2	2.2	2.8	2.8	3.3	
Certifications	-	NF / SCOP A / Zero Carbon Production by SGS / EVU & SG							-	



HEAT PUMP
VERTIGO FI



INNOVATIVE DESIGN AND ADVANCED TECHNOLOGY

The perfect combination of design and state-of-the-art technology. Vertical and upward blowing, so it can be installed in a small space. Operates down to a temperature of -10°C.

Its Full Inverter technology with a multi-frequency compressor and variable speed fan considerably reduces energy consumption and sound pressure.

Its front panel with LEDs makes it easy to use, with three colours indicating the operating status of the heat pump.

MAIN FEATURES

- Vertical ventilation.
- **Full Inverter** Technology.
- Modern design.
- Wide power range from 30 to 250m3.
- LED display technology.
- **Twisted Tech®** titanium heat exchanger.
- Pool heat pump warranties:
 - Compressor 7 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 3 years.

ACCESSORIES INCLUDED



Set of supports anti-vibration



Extension of the wired remote control (10 m)



Winter cover



Condensation drain pipe



Ø 50 mm 1'' ½ PVC connectors



CODE	MODEL	FAM.
HP-8055-55	Heat Pump VÉRTIGO 55 SINGLE-PHASE	B
HP-8055-75	Heat Pump VÉRTIGO 75 SINGLE-PHASE	B
HP-8055-95	Heat Pump VÉRTIGO 95 SINGLE-PHASE	B
HP-8055-125	Heat Pump VÉRTIGO 125 SINGLE-PHASE	B
HP-8055-155	Heat Pump VÉRTIGO 155 SINGLE-PHASE	B
HP-8055-200	Heat Pump VÉRTIGO 200 SINGLE-PHASE	B
HP-8055-240	Heat Pump VÉRTIGO 240 SINGLE-PHASE	B
HP-8060-155	Heat Pump VÉRTIGO 155 TRI	B
HP-8060-200	Heat Pump VÉRTIGO 200 TRI	B
HP-8060-240	Heat Pump VÉRTIGO 240 TRI	B
HP-8060-300	Heat Pump VÉRTIGO 300 TRI	B
HP-8060-350	Heat Pump VÉRTIGO 350 TRI	B

* IT IS RECOMMENDED TO COVER ALWAYS THE POOL WHEN NOT IN USE.

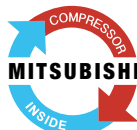
	55	75	95	125	155	200	240	155 Tri	200 Tri	240 Tri	300 Tri	350 Tri
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%											
Recommended pool volume (m³)	30-45	40-55	50-70	70-90	80-115	110-140	140-170	80-115	110-140	140-170	170-210	210-250
Max. rated power (kW)	7.70	10.35	13.27	16.53	21.2	26.82	32.63	21.2	26.86	32.66	40.3	45.05
Min. rated power (kW)	1.50	1.98	2.53	3.16	4.05	5.17	6.31	4.05	5.17	6.31	7.79	7.79
Consumption (kW)	1.13 ~0.10	1.50 ~0.13	1.93 ~0.167	2.38~0.206	3.09~0.26	4.17~0.37	4.82~0.41	3.09~0.26	4.16~0.34	4.81~0.41	5.97~0.507	6.81~0.51
COR	15.31~6.84	15.35~6.87	15.15~6.84	15.34~6.93	15.17~6.86	14.86~6.43	15.32~6.76	15.23~6.86	14.9~6.44	15.35~6.78	15.36~6.75	15.22~7.09
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 70%											
Max. rated power (kW)	5.82	7.82	9.83	12.62	15.83	20.03	24.22	15.83	20.06	24.24	30.06	35.02
Min. rated power (kW)	1.15	1.52	2.01	2.43	3.15	4.15	5.38	3.15	4.41	5.35	6.31	7.33
Consumption (kW)	1.18~0.15	1.58~0.20	2.00~0.26	2.6~0.32	3.28~0.42	4.42~0.56	5.00~0.72	3.28~0.42	4.41~0.564	4.99~0.709	6.24~0.839	7.4~0.98
COR	7.52~4.93	7.60~4.95	7.61~4.92	7.52~4.85	7.54~4.82	7.35~4.52	7.52~4.84	7.54~4.82	7.36~4.54	7.55~4.85	7.52~4.81	7.48~4.73
	GENERAL DATA											
Power supply	Mono 220-240V~ /50Hz						Tri 380V / 3 / 50Hz					
Heating temperature range	15°C / 40°C											
Operating range	-10°C / 43°C											
Max. power (kW)	1.6	2	2.8	3.3	4.8	5.8	6.5	4.8	5.8	6.5	8.2	9
Exchanger	Twisted Tech® Titano											
Type of compressor	Rotary						Double rotary					
Brand of compressor	TOSHIBA						MITSUBISHI					
Coolant	R32											
Water flow (m3/h)	2.4	3.2	4	5.0	6.7	8.5	10.5	6.7	8.5	10.5	13.0	15.0
Sound level 1m far away (dB)	36~45	38~46	38~46	41~50	42~52	47~56	48~57	42~52	48~57	48~57	49~59	49~59
Sound level 10m far away (dB)	19~27	20~28	20~28	23~31	24~32	28~37	29~38	24~32	29~38	29~38	30~39	30~39
Weight net/gross (Kg)	30 / 33	35 / 38	40 / 43	47 / 55	52 / 60	100 / 115	104 / 119	52 / 60	104 / 119	104 / 119	120 / 145	120 / 145
Measurement (mm)	510x510x690			575x575x780			660x660x1030	575x575x780	635x635x920	660x660x1030		
Packaging (mm)	570x570x830			635x635x920			720x720x1170	635x635x920	660x660x1030	720x720x1170		
Function	Eco & Boost Inverter / Heating / Cooling											
Head losses (mCE)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



VERTICAL VENTILATION



INTEGRATED WIFI





HEAT PUMP

MEGALINE FI

FULL INVERTER TECHNOLOGY

Specially designed for public facilities and collective swimming pools. Megaline Fi operates at a temperature down to -15°C.

Thanks to its Full Inverter technology, Megaline Fi adapts its power according to your needs. The compressors and fans modulate their frequencies in real time to provide only the energy needed. This means lower energy consumption and less noise.

It has a large control panel with touch screen for a more intuitive use, you can also use the Smart Life application to control the heat pump remotely.

MAIN FEATURES

- Optimised performance for very large volumes.
- Stainless steel structure.
- **Full Inverter** Technology.
- Double rotary compressor.
- Wifi control.
- **Twisted Tech®** titanium heat exchanger.
- Compatible with salt treatment.
- Pool heat pump warranties:
 - Compressor 7 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 3 years.



Large format control panel



WiFi connection for remote control



Corrosion-resistant stainless steel structure.



Wide range of use down to -15°C



Large diameter connections for professional pools.

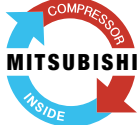
CODE	MODEL	FAMILY
HP-8070-35	Reversible heat pump Megaline with wifi 35	B
HP-8070-50	Reversible heat pump Megaline with wifi 50	B
HP-8070-75	Reversible heat pump Megaline with wifi 70	B
HP-8070-100	Reversible heat pump Megaline with wifi 100	B

* IT IS RECOMMENDED TO ALWAYS COVER THE POOL WHEN NOT IN USE.

	50	70	100
	HP-8070-50	HP-8070-75	HP-8070-100
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%		
Recommended pool volume (m³)	Request a personalised study		
Max. rated power (kW)	68	89,80	135
Min. rated power (kW)	16,1	22,62	31,9
Consumption (kW)	9,8~1,2	13,58~1,42	19,3~2,3
COR	13,54~6,93	15,93~6,61	13,59~6,98
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 80%		
Max. rated power (kW)	50	70	100
Min. rated power (kW)	11,7	21,43	23,6
Consumption (kW)	10,1~1,6	13,65~3,05	20,0~3,1
COR	7,52~4,93	7,65~5,05	7,58~4,99
	GENERAL DATA		
Power supply	Tri 380V/3/50Hz		
Heating temperature range	15°C / 40°C		
Cooling temperature range	8°C / 28°C		
Operating range	-15°C / 43°C		
Max. power (kW)	14,9	20	29,8
Exchanger	Twisted Tech® Titanio		
Type of compressor	Rotary Inverter		
Brand of compressor	Mitsubishi		
Number of compressors	1	2	2
Coolant	R32 / 4,5kg	R32 / 5,7kg × 2	R32 / 6,5kg × 2
Water flow (m³/h)	20	35	40
Conexiones hidráulicas (mm)	63	75	75
Sound level 1m far away (dB)	≤70	≤70	≤73
Sound level 10m far away (dB)	≤50	≤50	≤53
Weight net (Kg)	280	448	760
Measurement (mm)	1448x800x950	1252x1075x2428	2148x1076x2176
Electrical dimensioning at 10 m	RO2V 5x 6mm²	RO2V 5x 10mm²	RO2V 5x 16mm²
Function	Heating (Full Inverter) / Cooling (Full Inverter) / Silence / Auto		
Head losses (mCE)	4	4,2	4,8



INTEGRATED WIFI



COMPRESSOR INSIDE



POWER TRI



ANTIGEL



SILENT EFFICIENCY



TRAITEMENT SEL



POOL COVERS

THERMAL

A SOLUTION FOR EVERY NEED

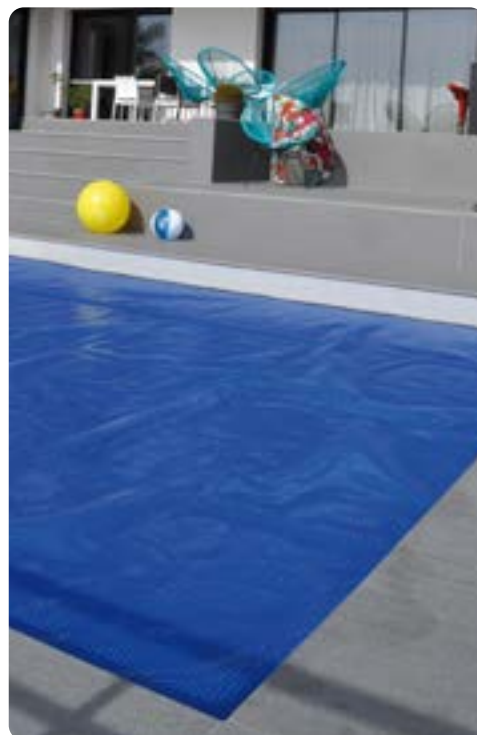
Economical and environmentally friendly. Limits evaporation, keeps water clean, heats and maintains water temperature, reduces water consumption and maintenance products.

Made to measure and adapted to your glass, it floats on the water. It has 2 sides:

- Water side: bubbles that act as thermal insulation.
- Visible side: anti-UV.

CHOOSING THE COLOUR AND THE RIGHT FEATURES

- **Blue:** Basic.
- **Blue Transparent / Translucent:** Maximum solar energy gain. Limits the need for a supplementary water heating system.
- **Black:** Provides good solar performance, prevents algae growth, retains heat and limits evaporation.



Keeps water temperature



Water and maintenance savings



Extend the swimming season



Quick and easy assembly



Facilitates fine-tuning



Protects the swimming pool



Protects against dirt



POOL COVERS

PROTECTION

Keeps the pool water free of dirt when the summer season is over.

ADVANTAGES

- Prevents water decomposition and can be used for the following seasons.
- Minimises the effects of frost.
- Prevents the passage of dirt.
- It eliminates the need for fine-tuning work.
- Preserves the pool shell.
- Offers great resistance to weight.

CONSULT ACCORDING TO THE

CHARACTERISTICS OF YOUR POOL



POOL COVERS

CLASSIC AUTOMATIC

SAFE, ECONOMICAL AND EVOLVING

Motorised out-of-water cover. Simple and quick to install, fits almost all vessels.

Controllable by smartphone.

MAIN FEATURES

- **Field of application:** $\geq 2 \times 2\text{m} \leq 6 \times 12\text{m}$ ó $5 \times 14\text{m}$ according to width (+stairs R 1,5m).
- **Motor:**
 - 24V tubular motor disengageable with automatic limit switches.
 - Transformer panel with integrated Slow Mode (for better regulation of your water treatment).
 - Key-operated switch (3 positions).
- **Structure:**
 - Aluminium shaft.
 - White and sand-coloured feet.
- **Shutter:**
 - 83mm PVC or polycarbonate slats.
 - Locking mechanism.
 - Anti-slip system.



Motorisation warranty



Structure guarantee



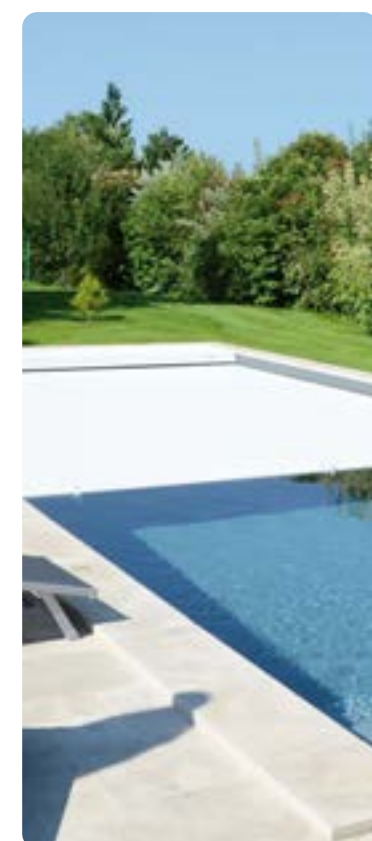
Shutter guarantee



Slow Mode



Smartphone control



Motorisation warranty



Anti-corrosion warranty



Shutter guarantee



Slow Mode



Smartphone control

POOL COVERS

PREMIUM AUTOMATIC

SAFE, INTEGRATED AND AESTHETIC

Motorised underwater cover. Safe, functional, discreet and aesthetically pleasing.

Controllable by smartphone.

MAIN FEATURES

- **Field of application:** $\geq 2 \times 2\text{m}$ (+stairs R 1,5m).
- **Motor:**
 - 24V tubular motor, disengageable with internal limit switches.
 - Control panel with integrated Slow Mode (for better regulation of water treatment).
- **Structure**
 - 2 composite flanges.
 - Composite shaft mounted on an adjustable bearing.
- **Shutter:**
 - 83mm PVC or polycarbonate slats (various colours).
 - Locking mechanism.
 - Set of counterweights with strap for ballasting the blind.

CONSULT ACCORDING TO THE

CHARACTERISTICS OF YOUR POOL



POOL RELAX LOUNGER

HYDROCHAIR



Ergonomics



Silence and sustainability



Easy to use



Easy maintenance

POOL RELAX LOUNGER HYDROCHAIR

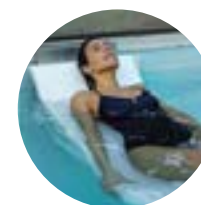
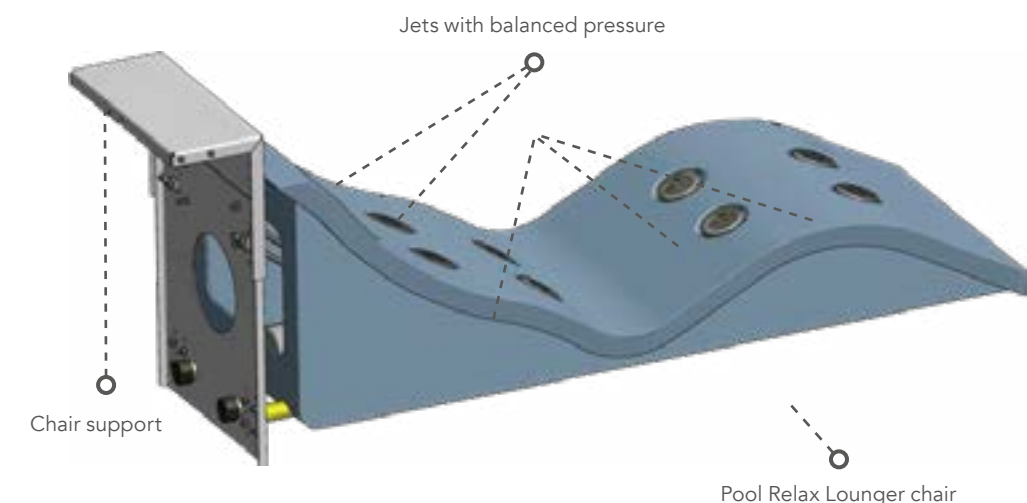
Imagine being able to enjoy a relaxing moment at the comfort of your own swimming pool.

Pool Relax Lounger provides you with a pleasant hydromassage that will help you reduce stress, relieve back pain and improve the quality of your sleep.

CODE	MODEL	FAM.
HP-7204-02	Pool Relax Lounger hydrochair	B

ERGONOMIC WATER MASSAGE CHAIR

THE BEST WAY TO ENJOY RELAXATION IN YOUR POOL



ERGONOMIC

The chair was designed to follow the contours of the body and each jet was placed to perfectly match the muscle structure of the human form to deliver a comfortable, relaxing hydromassage experience.

SILENCE AND SUSTAINABILITY

The pump used is adapted to allow you to enjoy the moment in silence. There is no water waste. It re-uses the existing water you already have in your own pool. Its low consumption pump makes it also energetically responsible.



EASY TO USE

It can be connected by remote control from anywhere.

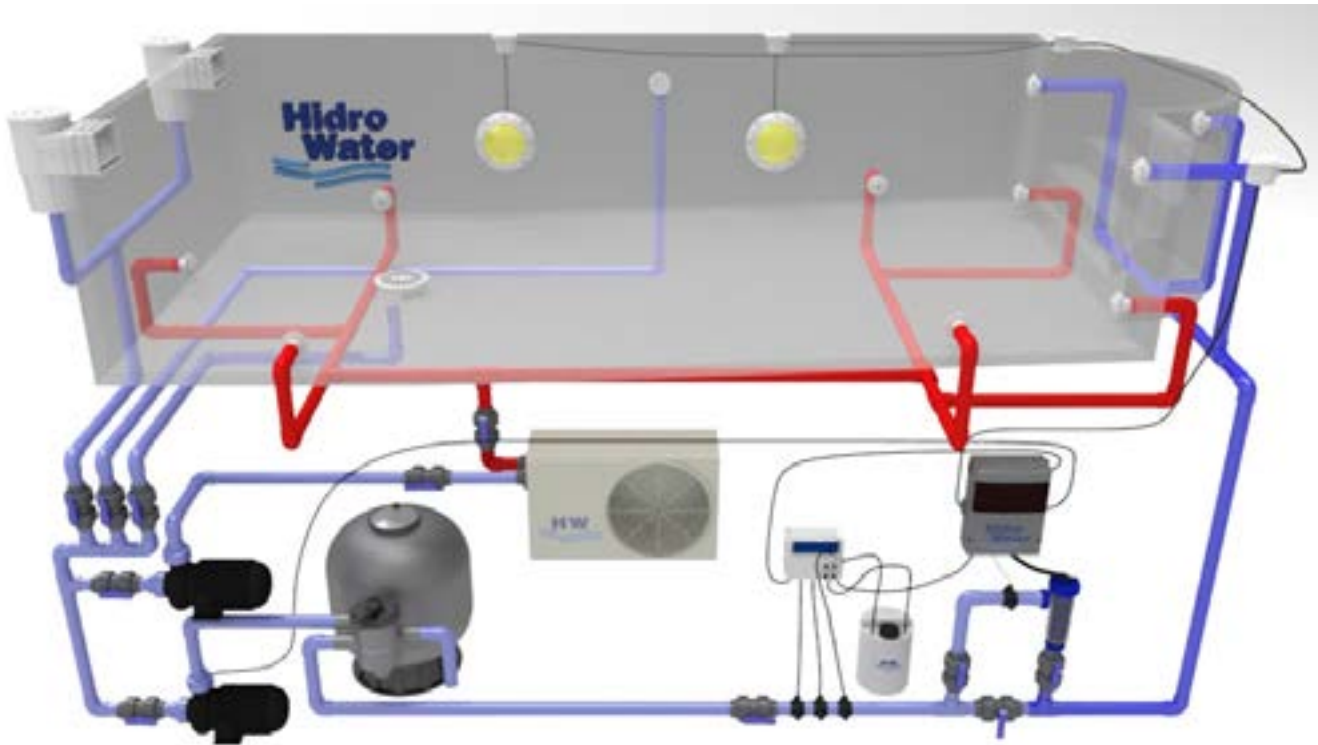
EASY MAINTENANCE

Completely designed so that you don't have to worry about maintenance. It's now easier than ever to maximize your comfort, relaxation and recovery.



WHAT EQUIPMENT DO I NEED?

POOL EQUIPMENT INSTALLATION SCHEME



SWIMMING POOLS UP TO 48 m³ (TYPE 8 x 4 x 1,5)

UNITS	CODE	DESCRIPTION
1	HP-4008-02	D.500 Filter
1	HP-4450-02	3/4 C.V. Pump
80	HP-0408-20	Filter media
1	HP-0412-40	Control panel + 100 W Transformer
3	HP-0207-35	RGB 18 W Flat projector
3	HP-4606-02	Electrical connection box
1	HP-6205-09	20 g. Salt chlorinator
1	HP-4028-22	pH Peristaltic dosing pump
1	HP-6205-90	Sacrificial anode shield
2	HP-4606-48	Standard Skimmer
3	HP-4606-61	D.50 Jet nozzle
1	HP-4606-65	D.50 Cleaner inlet nozzle
1	HP-4606-07	Anti-vortex pool drain
1	HP-4606-66	Automatic filling

ALL CALCULATIONS HAVE BEEN MADE FOR OPTIMUM FILTRATION IN PRIVATE POOLS.

SWIMMING POOLS UP TO 80 m³ (TYPE 10 x 5 x 1,6)

UNITS	CODE	DESCRIPTION
1	HP-4008-05	D.650 Filter
1	HP-4450-04	1 C.V. Pump
120	HP-0408-20	Filter media
1	HP-0412-40	Control panel + 100 W Transformer
4	HP-0207-35	RGB 18 W Flat projector
3	HP-4606-02	Electrical connection box
1	HP-6205-09	25 g. Salt chlorinator
1	HP-4028-28	pH Electromagnetic dosing pump
1	HP-6205-90	Sacrificial anode shield
3	HP-4606-48	Standard Skimmer
4	HP-4606-61	D.50 Jet nozzle
1	HP-4606-65	D.50 Cleaner inlet nozzle
1	HP-4606-07	Anti-vortex pool drain
1	HP-4606-66	Automatic filling

SWIMMING POOLS UP TO 115 m³ (TYPE 12 x 6 x 1,6)

UNITS	CODE	DESCRIPTION
1	HP-4008-07	D.750 Filter
1	HP-4450-05	1,5 C.V. Pump
280	HP-0408-20	Filter media
1	HP-0412-62	Control panel + 300 W Transformer
4	HP-0207-45	RGB 40 W Flat projector
3	HP-4606-02	Electrical connection box
1	HP-6205-09	45 g. Salt chlorinator
1	HP-4028-28	pH Electromagnetic dosing pump
1	HP-6205-90	Sacrificial anode shield
4	HP-4606-48	Standard Skimmer
5	HP-4606-61	D.50 Jet nozzle
1	HP-4606-65	D.50 Cleaner inlet nozzle
1	HP-4606-07	Anti-vortex pool drain
1	HP-4606-66	Automatic filling

ALL CALCULATIONS HAVE BEEN MADE FOR OPTIMUM FILTRATION IN PRIVATE POOLS.

GENERAL SALES CONDITIONS

ORDERS

All orders must be submitted in writing, according to our reference numbers and descriptions. The order will only be considered confirmed once received in writing.

DELIVERY DATES

Delivery dates are approximate, all efforts will be made to comply with given dates. Delays do not entitle the buyer to any compensation or penalisation.

PRICES

Prices are always understood to be “EX-WORKS”, the buyer being responsible for all taxes, duties, and any other expense. Prices in euros. VAT not included.

Price modifications will be confirmed to the buyer in writing, (e-mail, letter etc.), before the sale is confirmed. In case the buyer is considered not informed, they may cancel the order, but in no case will the seller be obliged to sell the product at the old pricing.

OFFERS

This offer does not include any improvements that the customer may request and that are not expressly indicated in this document. Any material, equipment and/or service not mentioned is excluded from the quotation.

TRANSPORT

Goods travel under the responsibility and at the risk of the buyer even when delivery has been paid.

Before accepting the merchandise, the buyer must check that the shipment is in perfect conditions. In case of any irregularity in the delivery, the buyer must mark this on the delivery docket of the transport company.

In the event of damages that are not visible from the outside, the client should advise the carrier in less than 24 hours and provide us with written notification of the incidence.

If the anterior instructions are not observed, no claims can be accepted.

MINIMUM ORDERS

The minimum order value will be 200€. Exceptionally smaller orders can be accepted, with a surcharge of 20€. These orders will always have advanced payment conditions.

WARRANTY

Hidro-Water, S.L.U., offers a guarantee in the event of non-conformity of the goods marketed for repair or replacement and when the price reduction or termination of the contract is justified, under the terms established by law.

The warranty includes the costs necessary to bring the goods into conformity, the costs of shipping, transport, labour or materials.

The warranty does not include goods that suffer wear and tear due to their use, incorrect installation, use different from the defined use, use that does not comply with the technical specifications, repair or modification of the goods by personnel outside Hidro-Water S.L.U. or non-authorised technical services.

For the application of the guarantee, you must contact the seller of the goods, indicate the lack of conformity of the goods and present a sales document, invoice or ticket indicating the product.

The guarantee is managed by the VENDOR who must fill in the RMA (Return Merchandise Authorisation) or SAT (Technical Assistance Request) form, which is provided when the non-conformity is reported.

The warranty applies to the Spanish territory for a period of 3 years after purchase of the product by the consumer (products purchased after 31/12/2021) for products covered by R.D.L. 7/2021 and a period of 2 years for the rest of the products.

The warranty applies to the territory of the European Union for a period of 2 years after purchase of the product by the consumer for products covered by the EU directive 2019/771 and a period of 1 year for all other products.

The warranty for repaired or replaced goods shall be 1 year for products purchased after 31/12/2021 and 6 months for products purchased before 1/1/2022.

PAYMENT CONDITIONS

All payments shall be considered advanced payment, except agreement is reached for other payment conditions. All taxes and other charges will be assumed by the buyer. Any delay in payment will result in the application of 3% interest per month, without written notification by the seller.

All changes in payment terms will be confirmed by the buyer in writing.

Any bank and legal charges which may arise as the result of non-payment be assumed by the buyer.

RETURNS

Returns that are not due to shipment errors made by the seller will not be accepted.

In no case will any return be accepted that have not been notified beforehand and accepted by the commercial department.

In case an agreement is reached, the goods must be returned perfectly packed, delivery paid, to our warehouse. In order for the return to be accepted, the original invoice and the order must be provided, and the return form must be filled in.

CANCELLATION

Without prejudice to other claims that may correspond, we reserve the right to rescind or cancel any operation, in the event of breach of any of the aforementioned conditions, as well as total or partial non-payment of an order, or in delay in payment of previous supplies.

RESERVATION OF OWNERSHIP

The seller maintains ownership of the sold merchandise until the buyer has fully satisfied its amount, and has the right to collect the sold goods totally or partially at any time, until full payment has been made.

JURISDICTON

Any dispute between the parties will be subject to the exclusive jurisdiction and competence of the Courts and Tribunals of the city of Valencia (Spain).

DISCOUNTS	
Family A	%
Family B	%
Family C	%