

2019

CATALOGUE



POOL EQUIPMENT / SPARE PARTS

Pumps | Filters | Lighting | White goods
Water treatment | Cleaners | Heat pumps

PREFACE

For more than 50 years, Hayward has been established as a key equipment manufacturer, thanks to its comprehensive offer. In 2018, Hayward® continued its development in Europe, in particular with significant investments in filter and salt chlorinator production lines in order to increase production capacities, optimise the quality of products and fully satisfy your requirements!

Our mission is to provide you with a range of products that constantly pushes the boundaries of innovation.

The year 2019 will be marked by the launch of many new products including the revolutionary AquaVac® 6 Series robotic cleaner, the Super Pump® Pro dedicated to professionals, a premium laminated filter Pro-Series™ HL BTL, a wide range of chemical regulators (Pool-pH, Pool-Rx) and ergonomic electrical control box that can be managed via a Bluetooth connection.

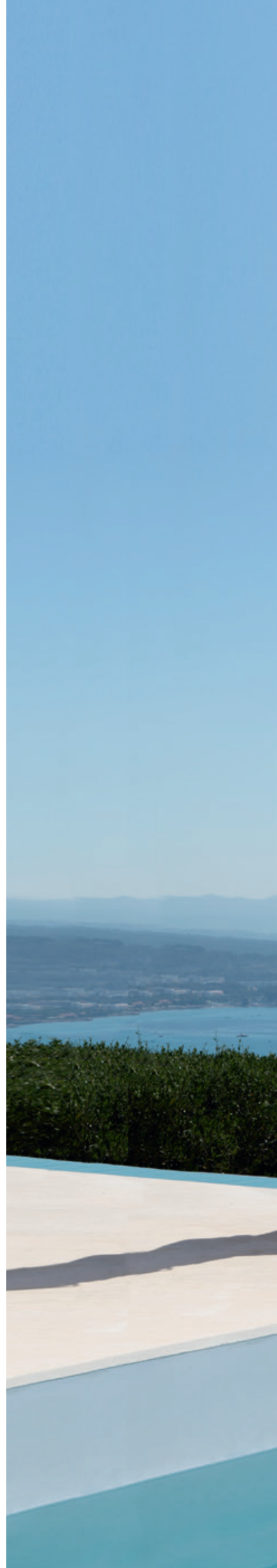
The AquaVac® 6 Series is the result of 5 years of research and development. The result fully meets the expectations; it contains a tightly-packed collection of technological innovations that will convince both you and its end users thanks to its high level of performance and simplicity of use. The AquaVac® 6 Series is the only cleaner on the market that operates with filterless hydrocyclone technology.

Its Touchfree™, SpinTech™ and Hexadrive™ functions make maintenance operations easier and optimise cleaning performance in the pool. This is also the first connected cleaner in the Hayward® range.

Hayward® is focused on the future with an ecologically-friendly and connected range of products to make your work easier and constantly bring more enjoyment to your clients.

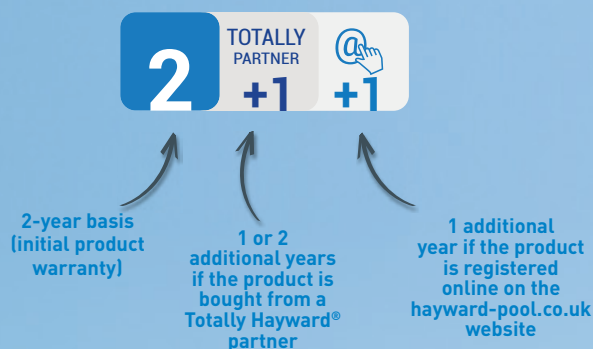
We wish you a successful 2019 season, remaining at your side.

Richard Lachance
VP International



GLOSSARY

Years of warranty : How does it work?



HAYWARD® **02**

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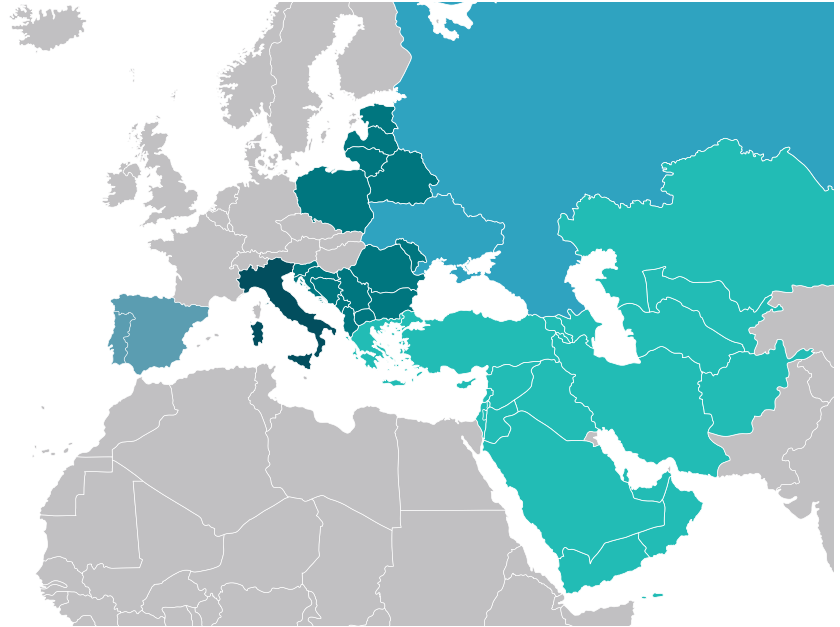
WARRANTY
GENERAL SALES CONDITIONS
SPARE PARTS



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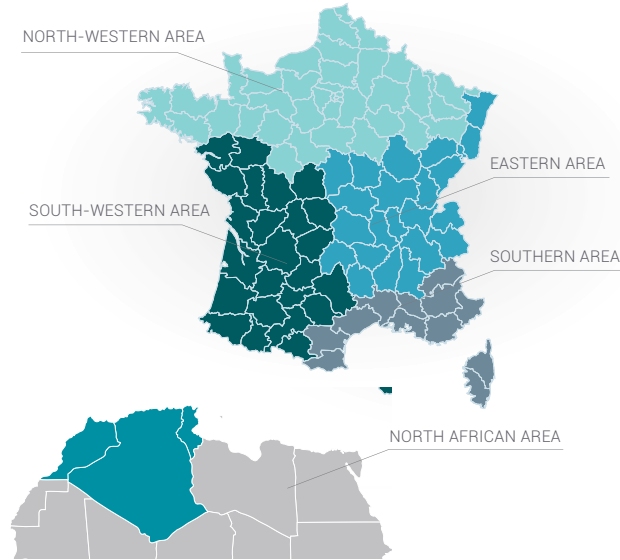


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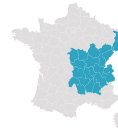
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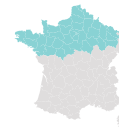
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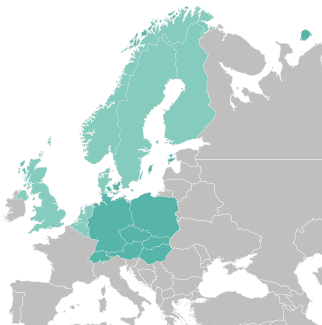


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HAYWARD®, leading supplier of pool equipment

HAYWARD® designs, manufactures and markets equipment for residential and commercial pools.

↔ A WORLDWIDE PRESENCE



↔ ALWAYS CLOSER TO YOU IN EUROPE

BARCELONA



MADRID



LYON



MUNICH



A COMPLETE RANGE



PUMPS



FILTERS



CLEANERS

FILTRATION SYSTEMS

CLEANERS

◆ KEY FIGURES

2300

EMPLOYEES WORLDWIDE

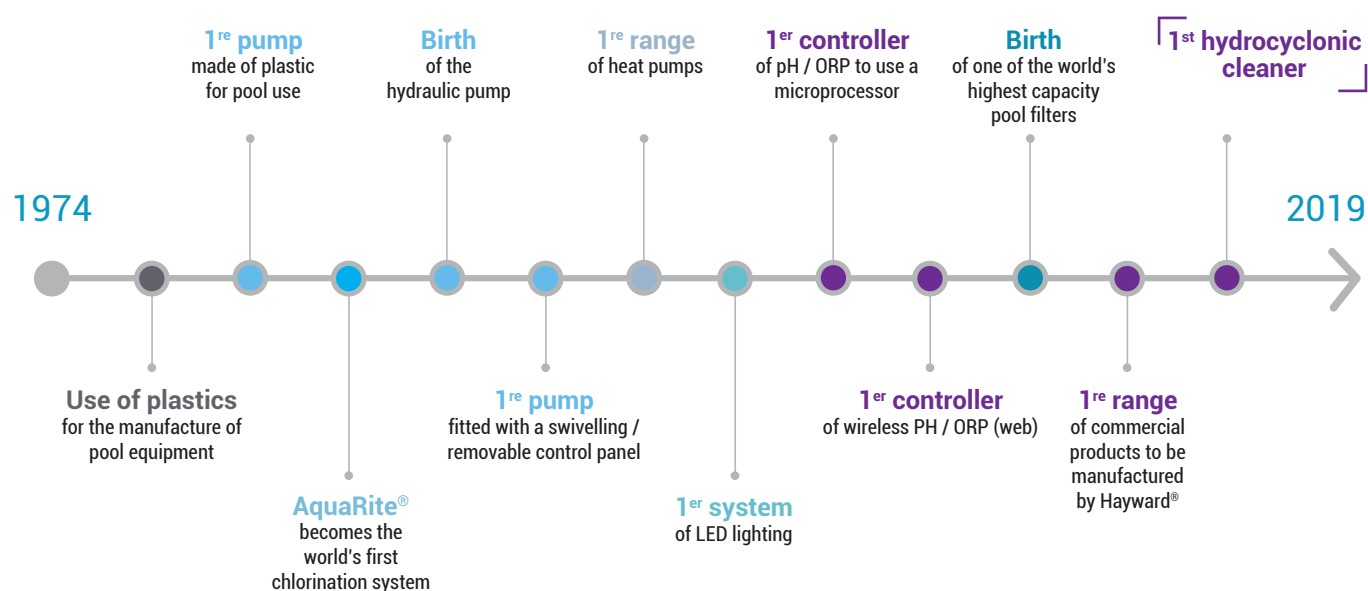
10

FACTORIES

5 million

RESIDENTIAL POOLS ARE FITTED WITH HAYWARD® PRODUCTS

◆ A HISTORY DRIVEN BY INNOVATIONS...



... AND BY ACQUISITIONS

A development policy characterised by strategic acquisitions of leading companies in their respective fields (Kripsol®, Sugar Valley...).



HEAT PUMPS



WHITE GOODS



LIGHTING



WATER TREATMENT

COMFORT EQUIPMENT AND WHITE GOODS



Hayward®, an eco-responsible player

Over the past 25 years, great advances in pool equipment and technology have been made to ensure the best possible use of energy, water and chemical resources.

Hayward®, a leading player in pool innovation, has not ceased to invest in developing its products to optimise their performance, while minimising their consumption of water, electricity and chemicals.

Such constant innovations have almost halved water consumption (-45%) thanks to the arrival of more efficient filtration techniques together with good water circulation.

The use of cartridge filters is recommended. They ensure less frequent cleaning and minimise water discharge to the mains drain, which is systematic in the case of sand filter backwashing.

The advantages of using a variable-speed pump are based on the fact that they can be **run longer at low speed, while consuming less energy.**

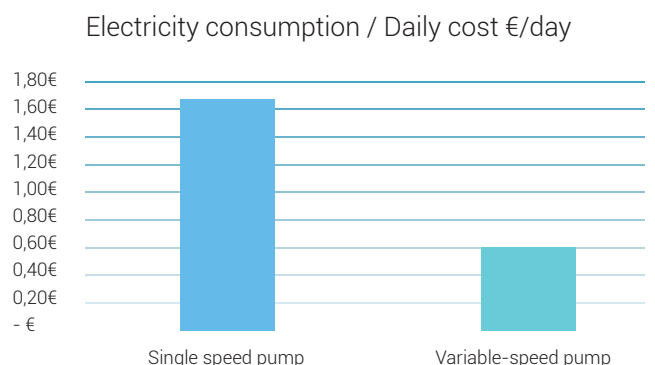
Chemical consumption can also be reduced by 30% with good water balance control and the correct use of additives.

The development of **salt chlorination**, which produces chlorine from salt, significantly reduces operating costs and minimises the use of chlorinated products.

Your pool lighting can also be optimised by using **LED lights that will reduce your electricity consumption.**

The technological developments of recent years that today allow us to offer so-called "**low consumption**" pools are not specifically designed for new pools, but can mostly also be used for refurbishment.

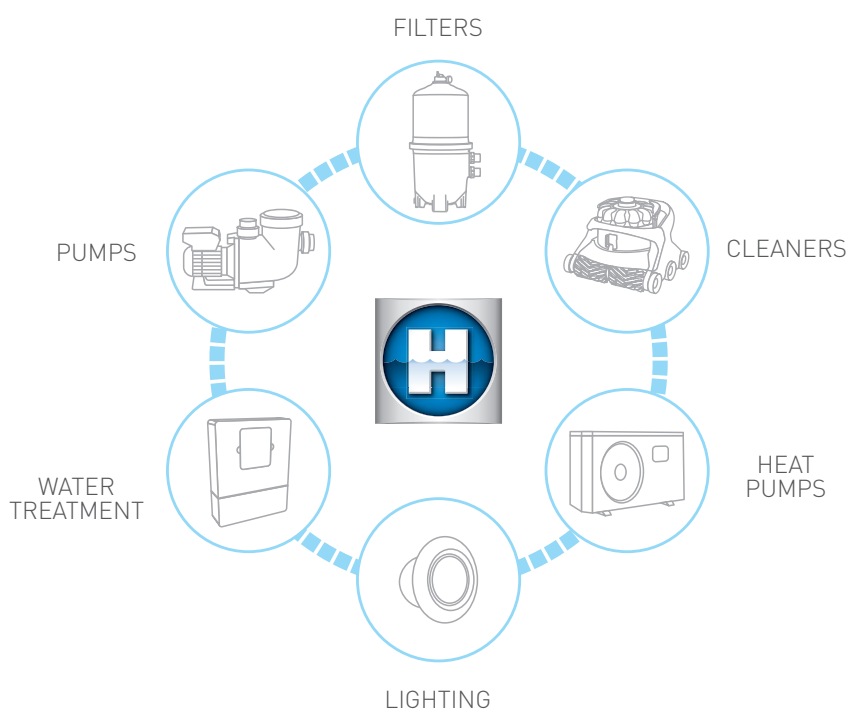
Today, Hayward® invests in and develops solutions for fitting out "**low consumption**" pools that ensure proper, sensible management of its customers' pools.



Hayward® is also committed to an eco-friendly approach to reducing pollutants and protecting the environment, and has therefore chosen these new heat pumps with IN-TECH, full inverter technology, using the new R32 high-performance refrigerant.

The strength of a global system

Choose consistency to guarantee total quality.



Advantages of the Smart System

+ SAFER

Products are designed to work in perfect harmony with maximum efficiency for guaranteed satisfaction.

+ GREATER PEACE OF MIND

A single manufacturer and an efficient, reactive after-sales service ensure increased reliability.

+ MORE WAYS TO SAVE ENERGY

The combination of complementary elements helps reduce your energy usage.

EXPERT LINE

..... A PREMIUM PRODUCT OFFER

✓ PREMIUM PRODUCTS ✓ RESERVED FOR AUTHORISED PROFESSIONALS* ✓ EXTRA BONUS

As a pool professional and an Hayward® ambassador, you bring expertise and unrivalled services to your customers.

That's why Hayward® commits to helping its Totally Hayward® Partners by launching a new EXPERT LINE range dedicated to professionals.

EXPERT LINE:

- Premium products
- Reserved for authorised professionals*
- Offering extra bonus of 25% more points on your Totally® Hayward Programme.

Offer products your customers can't find anywhere else!

Hayward® will constantly add new products to ensure you maintain your advantage.

*Professionals who fulfill the criteria in the selective distribution contract.



TO STAY
ON STEP AHEAD



Super Pump® Pro

- » High performance motor
- » Extended-life pump seal
- » Easy to install
- » Warranty: up to 4 years



SwimClear™

- » Twice as efficient as a sand filter: 20 to 25 microns
- » Very small head losses
- » No Backwashing: save 6000 L of water per year
- » Warranty: 10 years on the tank and up to 6 years on equipment



AquaRite® +

- » One single box for salt chlorination and pool equipment regulation and control your pool remotely
- » Possibility to control up to 7 pieces of equipment
- » Warranty: up to 3 years



AquaVac® 6 Series

- » Hydrocyclonic technology for a constant suction power
- » Debris canister protects you from the mess: empties and rinses itself
- » Can be controlled from your smartphone (AquaVac® 650 model)
- » Warranty: up to 3 years



EnergyLine Pro *i*

- » Full Inverter Technology
- » Adjusts its power to the outside conditions
- » Up to 30% energy savings
- » New fluid R32
- » Warranty: up to 4 years



TRAINING



Participate in our training sessions

As you are the Hayward® brand's leading ambassadors, we organise training sessions to help you give your customers the best possible service and the best technical assistance



Have a technical team at your disposal helping you in your installations and answering to your questions. The Hayward® mobile training center moves close to you!

..... WHY SHOULD YOU JOIN THE PROGRAMME.....

TOTALLY HAYWARD® ?



Benefit from extended warranties

Hayward® offers up to 2 years extended warranty: 1 or 2 years when buying your product in a Totally Hayward® partner*

* See conditions on our website



Be rewarded for your loyalty



Take advantage of promotional offers

Exclusive to Totally Hayward® partners



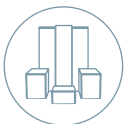
Enjoy the support of our after-sales service

Our distributor partners in this programme are committed to providing you with spare parts, advice and technical training



Be more visible on our website at www.hayward-pool.co.uk

Thanks to our Totally Hayward® partner locator system



Receive in-store merchandising

Merchandising helps you display Hayward® products at their best and generate sales.

Do not hesitate to contact your sales representative for a personalized demand (outdoor communication, panels for your shop, mailing...).

You can enjoy our co-op marketing actions. (see conditions)

EXPERT LINE

NEW

Access a product offer dedicated to professionals*

Premium products, reserved for professionals, offering you additional points on the programme

*Professionals who fulfill the criteria in the selective distribution contract.

Our online services



Energy savings calculator

See the real savings made by your customers when they choose a variable-speed pump.



The Hayward® Toolbox

Tools to optimise configuration of pools and equipment, including variable-speed pumps, salinity, cleaners, filters... and many more!



Brochures

Access all the information on our products.



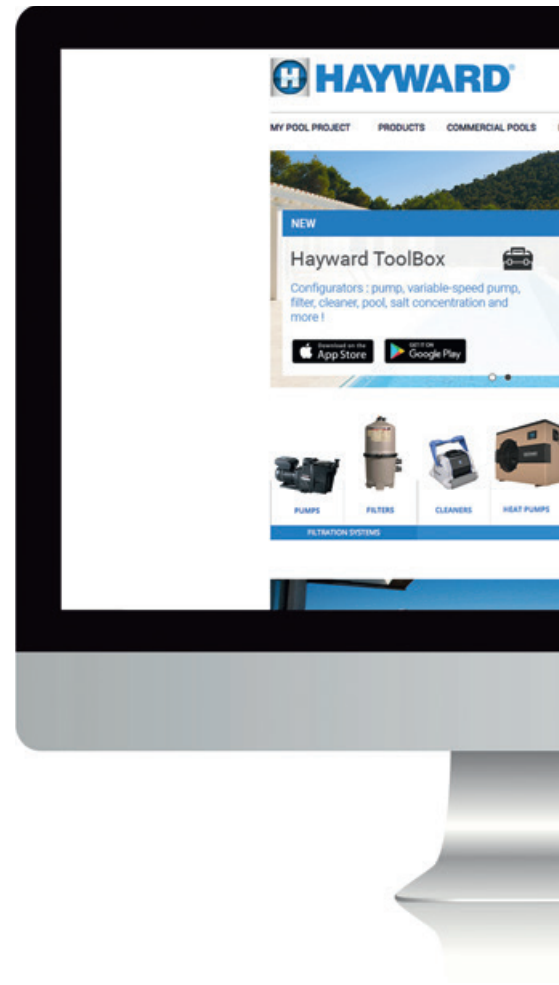
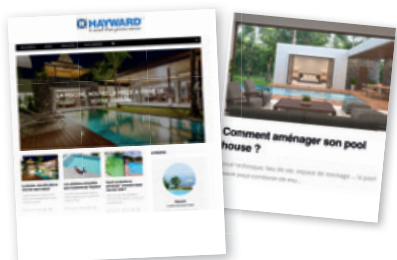
One year's extended warranty

- When you register your product online
- Valid only for cleaners, pumps, variable speed pumps of the Hayward® brand.



Blog piscine-reussie.com

All the latest trends, innovations, advice and tips to help you make your pool project a success.



hayward-pool.co.uk





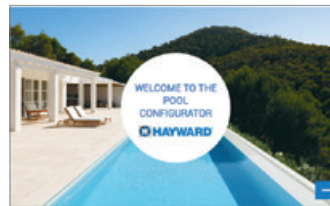
Professional web access

- Recommend the most appropriate heat pump by using the heat pump configurator.
- Access our online photo library.



Pool configurator

Helps you guide your customers in making the best choice for their needs



Hayward® YouTube

To help you inform your customers and assist them in choosing the best equipment



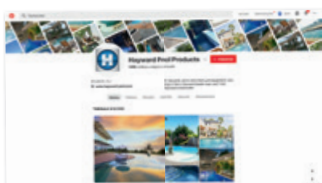
Hayward® Facebook

Discover our news, our product focus, our promotions...



Hayward® Pinterest

To keep up with the latest pool trends



Hayward® LinkedIn

Follow the Hayward® news

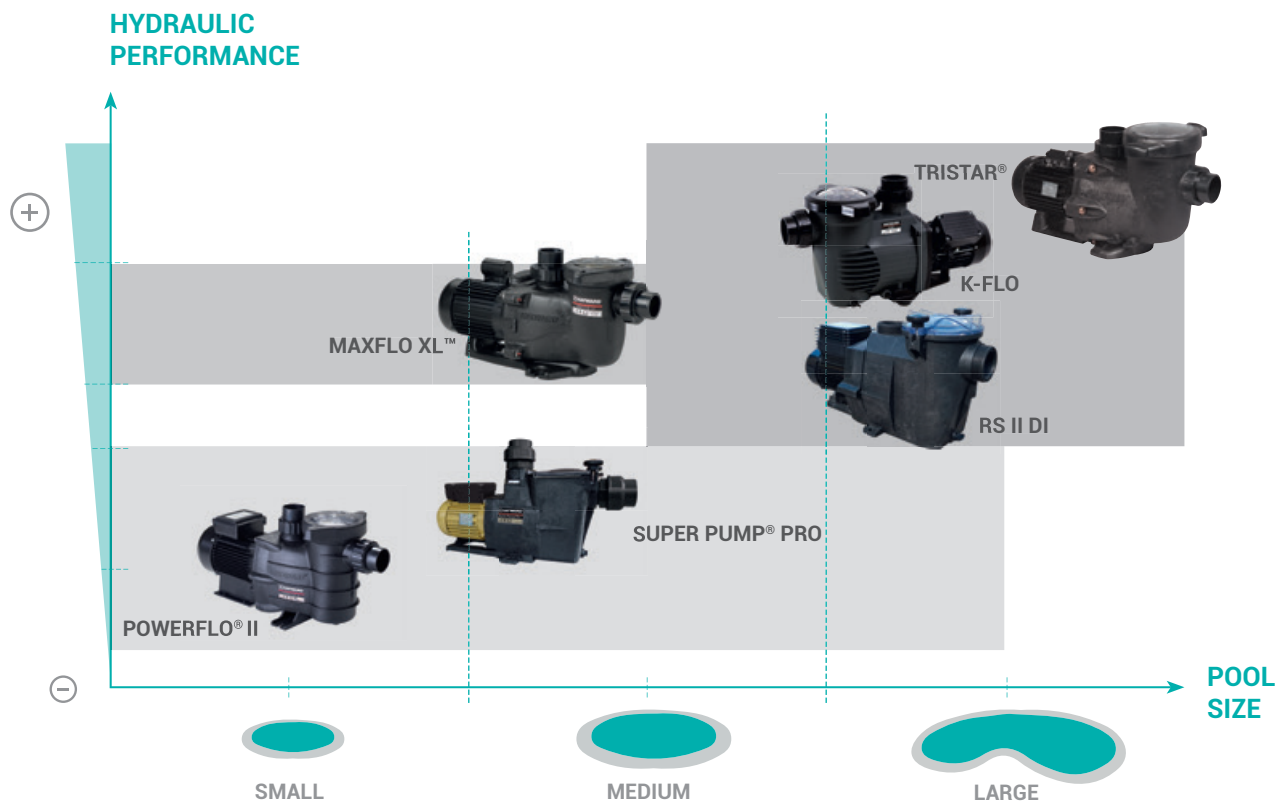


PUMPS & ELECTRICAL BOXES

 16 > 33

How do I choose the right pump?

The pump keeps the pool water moving so that the total volume of pool water is renewed at least three times a day. However, it is important that the pump is not too powerful for the filter; such a situation would reduce the overall filtration quality, as the water would pass too quickly through the filtering media.





PUMPS & ELECTRICAL BOXES



| | |
|-----------------------|-----------|
| PUMPS..... | P 20 - 31 |
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| TRISTAR®..... | P 21 |
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| RS II DI..... | P 23 |
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| ELECTRICAL BOXES..... | P 32 - 33 |
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| H-POWER CONNECT..... | P 33 |

VARIABLE-SPEED PUMPS

Why choose a variable-speed pump?

- ① **Silent running**
Variable-speed pumps are **particularly quiet** when running at low speed.
- ② **Reduced speed**
The advantages of using a variable-speed pump are based on the fact that they can be **run longer at low speed, while consuming less energy.**
- ③ **Energy savings**
It is estimated that **electricity consumption can be reduced by up to 85%***.
- ④ **Water quality**
Variable-speed pumps optimise sand filtration quality. The quality of pool water is 80% dependent on the quality of its filtration. **Using a variable-speed pump will significantly increase this filtration quality, thanks to the water passing more slowly through the granular filtering media.**
- ⑤ **Flexibility**
Benefit from a wide range of pump speeds to **customise your needs according to your pool equipment.**

* Energy savings of at least 65% are generally achieved.



ADVANTAGES OF THE HAYWARD® PUMP RANGE

Wide range: each of Hayward®'s single-speed models has a variable-speed version: you will find a Hayward® variable-speed pump to recommend, whatever your customer's pool configuration.

Existing Hayward® pumps can be **replaced with their variable-speed version.**

Robust and reliable **German-made** motors.

An energy-saving calculator is available in the toolbox on our website and can also be downloaded from the Apple Store and Google Play.



TriStar® VSTD

YEARS OF WARRANTY



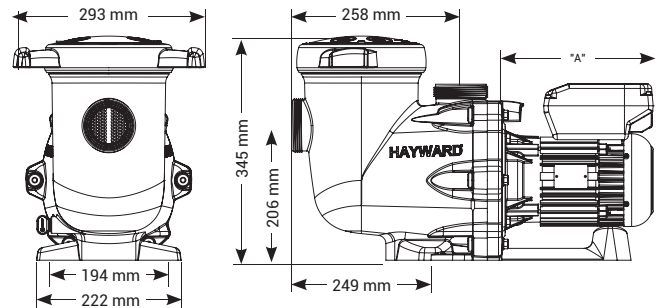
Excellence and performance

- **Two power levels available**
- **Energy saving: up to 85%* on electricity consumption**
- **Extremely quiet**
- **Optimised hydraulic design** for optimum efficiency
- **Simple digital user interface**
- **4 digital inputs** to allow the pump to be controlled via an AquaRite® + type home-control box
- **180° rotary box for convenient access** to the user interface
- **New connection box for easier electrical connection**
- **Union fittings provided** for easy installation
- **Quarter-turn opening cover** for easy maintenance
- **Recommended for pools up to 120 m³**
- **Replaces a single-speed TriStar®** without modifying the installation

* Energy savings of at least 65% are generally achieved.



EXPERT LINE

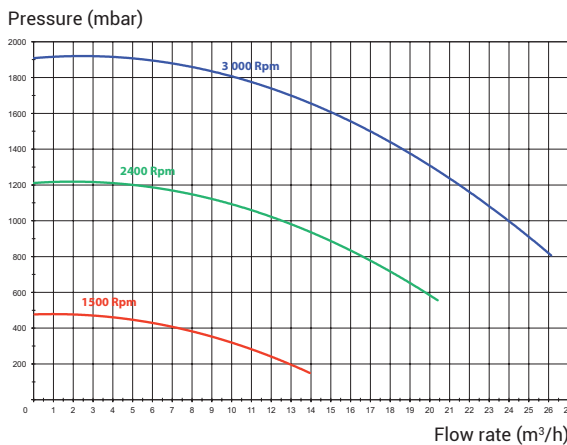


The intuitive control module displays relevant information such as real-time energy consumption. Improved control box, with the addition of five daily programs. "Skimming" function that allows the surface to be automatically skimmed every 1, 2 or 3 hours. **Timer Mode.**

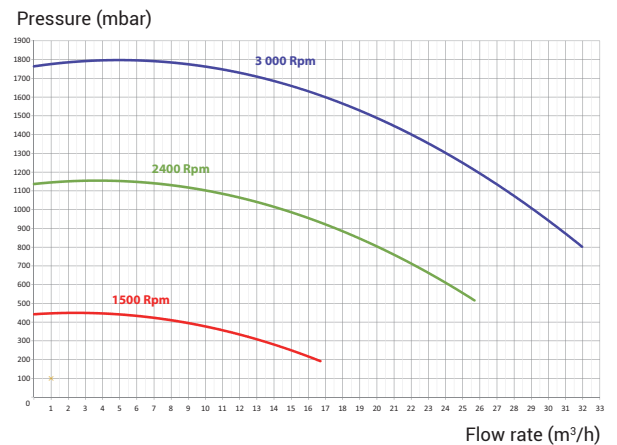


Visit the "Energy savings calculator" page in the Services area of our web site at <http://www.hayward-pool.co.uk>

➤ 1.5 HP Curve



➤ 2 HP Curve



TRISTAR®
VSTD

| Speed | Type | Dim A | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage | Item |
|-----------------------------|--------|--------|-------|-------------------------------------|----------------|-----------------|----------|------------|
| 600 - 3000 RPM (par 20 rpm) | 1.5 HP | 230 mm | 63 mm | @10 m : 24 m³/h @8 m : 26.3 m³/h | 1240 W | 1100 W | 5.9 A | SP3216VSTD |
| 600 - 3000 RPM (par 20 rpm) | 2 HP | 250 mm | 63 mm | @10 m : 28.8 m³/h @8 m : 31 m³/h | 1500 W | 1400 W | 7.8 A | SP3220VSTD |

*at 3000 Rpm

TriStar®

YEARS OF WARRANTY



Unrivalled hydraulic performance

- ➔ A modern, optimised design **for optimum hydraulic efficiency**
- ➔ **Higher delivery rate for lower energy consumption**
- ➔ **Easy maintenance:** quarter-turn cover + extra wide strainer basket for less frequent cleaning
- ➔ Recommended for pools **up to 150 m³**



EXPERT LINE



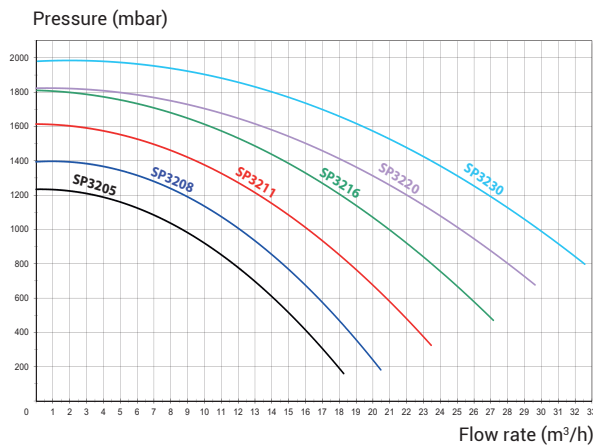
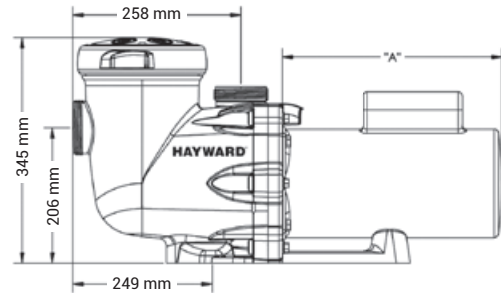
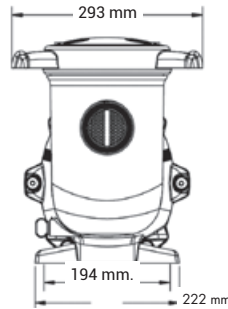
Easy-to-service design provides simple installation and maintenance



Drain plugs for an easy wintering



See-through strainer cover



SINGLE PHASE TRISTAR®

| Type | Dim A | Weigh | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage | Item |
|--------|--------|-------|-------|------------|----------------|-----------------|----------|---------|
| 1/2 HP | 220 mm | 14 kg | 63 mm | 11.4 m³/h | 640 W | 430 W | 3 A | SP32051 |
| 3/4 HP | 220 mm | 14 kg | 63 mm | 14.5 m³/h | 640 W | 430 W | 3 A | SP32081 |
| 1 HP | 247 mm | 14 kg | 63 mm | 18.5 m³/h | 975 W | 720 W | 4,3 A | SP32111 |
| 1.5 HP | 247 mm | 15 kg | 63 mm | 23.5 m³/h | 1 100 W | 790 W | 5 A | SP32161 |
| 2 HP | 265 mm | 17 kg | 63 mm | 28 m³/h | 1 500 W | 1 160 W | 7.25 A | SP32201 |
| 3 HP | 316 mm | 17 kg | 63 mm | 32.5 m³/h | 2 200 W | 1 680 W | 9 A | SP32301 |

THREE PHASE TRISTAR®

| | | | | | | | | | |
|------|--------|-------|-------|-----------|---------|---------|-----------|---------|-------|
| 2 HP | 247 mm | 15 kg | 63 mm | 28 m³/h | 1 330 W | 1 100 W | 4/2.3 A | SP32203 | IE3 ✓ |
| 3 HP | 265 mm | 17 kg | 63 mm | 32.5 m³/h | 1 770 W | 1 500 W | 5.5/3.2 A | SP32303 | IE3 ✓ |

* under 8m water column pressure

RS II VSTD

YEARS OF WARRANTY



Packed full of performance and technology

- **Two power levels available**
- Energy saving: **up to 85%* on electricity consumption**
- **Appreciable acoustic comfort** during low-speed operating phases
- **Simple and intuitive digital interface**
- **4 digital inputs** allow the pump to be operated by an external controller
- **180° rotatable box for convenient access** to the user interface
- **Connection box for easier electrical connection**
- **Quarter-turn opening cover** for easy maintenance
- **Secure butterfly valve cover** for easy maintenance
- **Union fittings provided** to ensure ease of installation
- Recommended for pools **up to 100 m³**

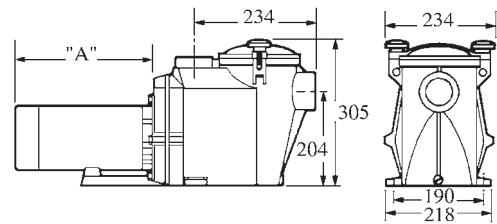
* Energy savings of at least 65% are generally achieved.



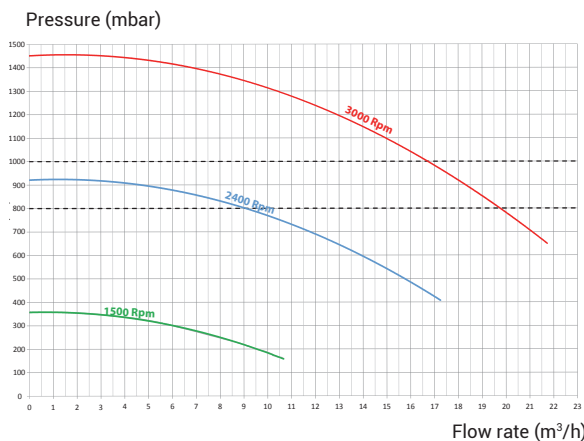
EXPERT LINE



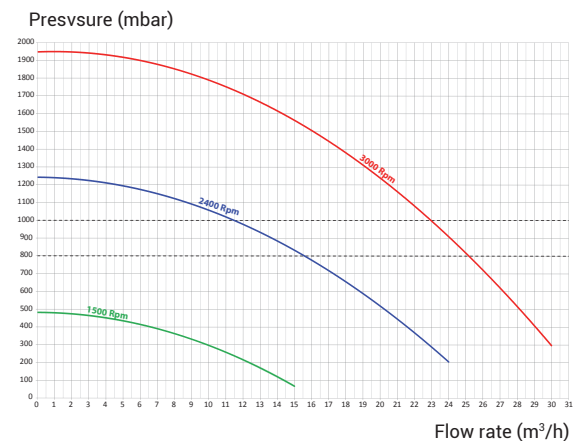
Intuitive display of relevant information such as real-time energy consumption. Possibility of five daily programmes. Skimming function to skim the surface automatically every 1, 2 or 3 hours. **Timer mode.**



➤ 1.5 HP Curve



➤ 2 HP Curve



RS II VSTD

| Speed | Type | Dim A | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage | Item |
|-------------------------|--------|--------|-------|---|----------------|-----------------|----------|------------|
| 600 - 3000 RPM (20 rpm) | 1,5 HP | 230 mm | 63 mm | @10 m: 16,7 m ³ /h @8 m: 19,7 m ³ /h | 1240 W | 1100 W | 5,9 A | RS3016VSTD |
| 600 - 3000 RPM (20 rpm) | 2 HP | 250 mm | 63 mm | @10 m: 23 m ³ /h @8 m: 25 m ³ /h | 1500 W | 1400 W | 7,8 A | RS3020VSTD |

*at 3000 Rpm

RS II DI

YEARS OF WARRANTY



Robust and high-performance

- ➔ **New DI (Double Insulated) pump** with an insulated motor shaft to avoid all contact with water
- ➔ Suitable for all pool types, **especially those requiring large flow volumes (infinity or overflow)**
- ➔ **Strainer with hand knobs for easy-open lid** (made of transparent Lexan) and a 2,950 cm³ extra large basket for minimal maintenance
- ➔ **Resistant to heat and to corrosion by chemicals and salt**
- ➔ All the components are moulded from **fibre-glass reinforced resin**
- ➔ **Union fitting kit** provided for easy installation and maintenance
- ➔ Recommended for pool basins **up to 150 m³**



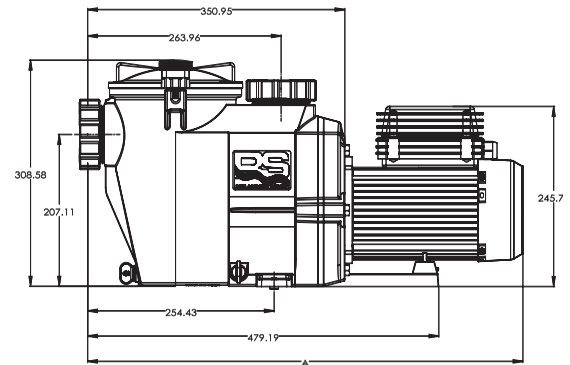
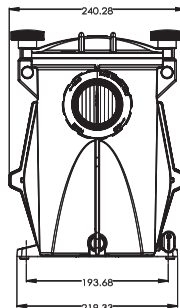
Input / Output 2" internal 50 mm or 63 mm depending on the model



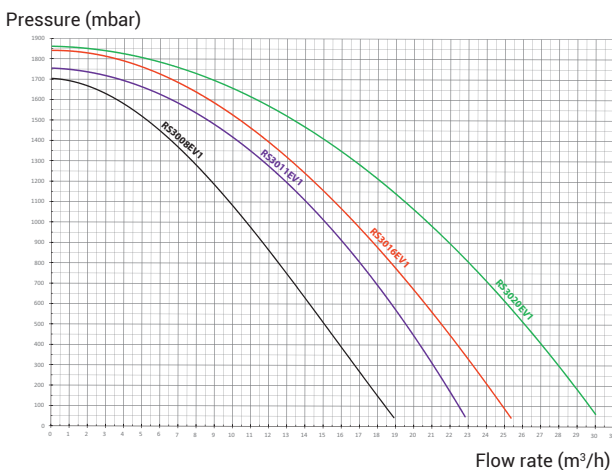
Transparent strainer lid



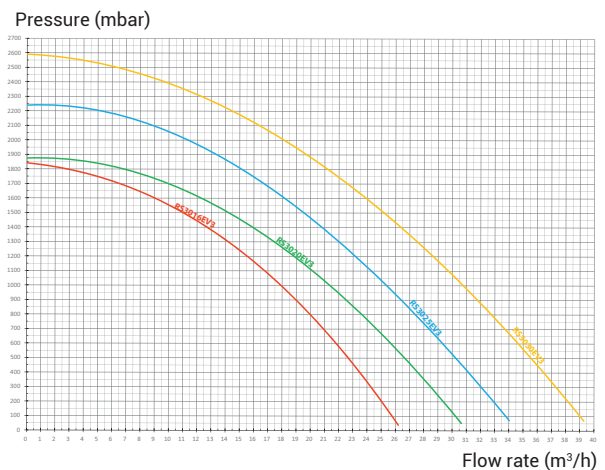
Wing screw drain plug



➔ RS II DI mono Curve



➔ RS II DI tri Curve



| | Type | Dim A | Weigh | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage | Item |
|--------------------------|--------|--------|---------|-------|-------------------------|----------------|-----------------|-------------|--|
| SINGLE PHASE RS II DI | 3/4 HP | 569 mm | 12.8 kg | 50 mm | 12.5 m ³ /h | 800 W | 573 W | 3,6 A | RS3008EV1 |
| | 1 HP | 569 mm | 13.9 kg | 50 mm | 17 m ³ /h | 930 W | 694 W | 4.15 A | RS3011EV1 |
| | 1.5 HP | 594 mm | 15 kg | 63 mm | 18.75 m ³ /h | 1100 W | 812 W | 5.30 A | RS3016EV1 |
| | 2 HP | 594 mm | 15 kg | 63 mm | 23 m ³ /h | 1400 W | 1052 W | 6.50 A | RS3020EV1 |
| THREE PHASE RS II DI | 1.5 HP | 582 mm | 16 kg | 63 mm | 20 m ³ /h | 1330 W | 1100 W | 4.50/2.60 A | RS3016EV3 IE3 ✓ |
| | 2 HP | 600 mm | 17 kg | 63 mm | 23.7 m ³ /h | 1764 W | 1500 W | 5.72/3.30 A | RS3020EV3 IE3 ✓ |
| | 2.5 HP | 630 mm | 20.5 kg | 63 mm | 27.5 m ³ /h | 2560 W | 2200 W | 8.20/4.70 A | RS3025EV3 IE3 ✓ |
| | 3 HP | 630 mm | 20.5 kg | 63 mm | 32.85 m ³ /h | 2560 W | 2200 W | 8.20/4.70 A | RS3030EV3 IE3 ✓ |

* under 8m water column pressure

K-FLO VSTD

The ideal speed for any application

- ➔ **Energy saving: up to 85%* on electricity consumption**
- ➔ **Extremely quiet**
- ➔ **Simple digital use interface**
- ➔ **4 digital inputs** to allow the pump to be controlled via an AquaRite® + type home-control box
- ➔ **180° rotary box** for inconvenient access to the user interface
- ➔ **Connection box** for easier electrical connection
- ➔ **Quarter-turn opening cover** for easy maintenance
- ➔ **Union fittings provided** to ensure ease of installation
- ➔ Recommended for pools **up to 80 m³**

* Energy savings of at least 65% are generally achieved.



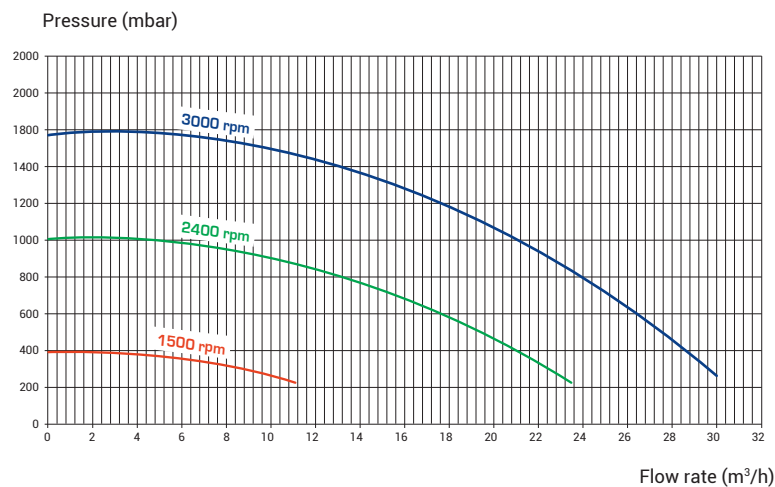
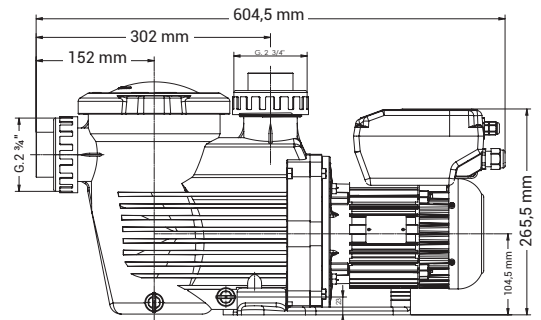
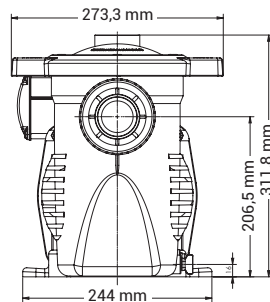
See-through Twist-Lock strainer cover



Double drain with easy opening (no tools required)



Unions kit included (50/63 mm)



| Type | Flow rate* | I/O | Weight | Input Power P1 | Output Power P2 | Amperage | Item. |
|--------|----------------------|-------|--------|----------------|-----------------|----------|--------------|
| 1.5 CV | 21 m ³ /h | 63 mm | 15 kg | 1240 W | 1100 W | - | SPK12615VSTD |

K-FLO VSTD

*at 3000 Rpm

K-FLO

High performance with silent operation

- ➔ **Twist-Lock cover**, rapid access (no tools required)
- ➔ **Impeller and diffuser made of Noryl®**, very hard-wearing and corrosion-resistant, high dimensional stability
- ➔ **Suitable for use in salt water**, corrosion proof seal assembly
- ➔ **Direct replacement** for KS pumps
- ➔ Unions included
- ➔ Available in **variable-speed** to adapt the speed according to the needs
- ➔ Recommended for pools **up to 150 m³**



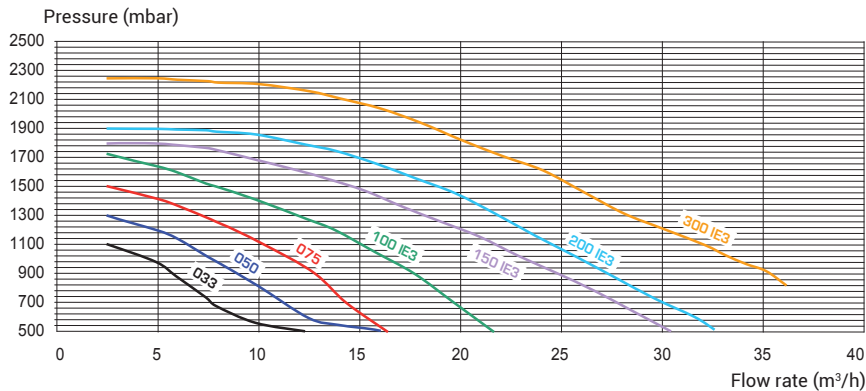
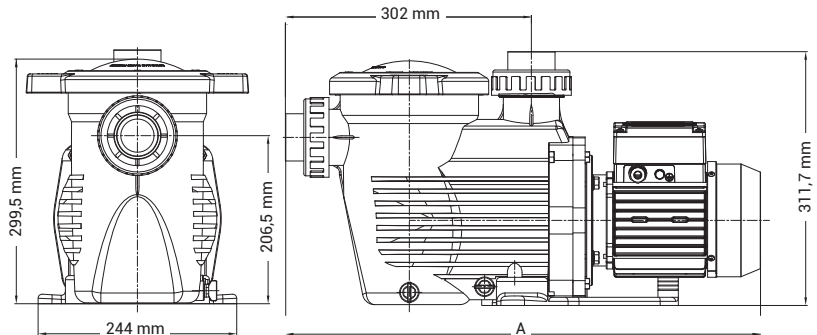
See-through Twist-Lock strainer cover



Double drain with easy opening (no tools required)



Unions kit included (50/63 mm)



| | Type | Side A | Weight | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage | Item | |
|--------------------|--------|--------|---------|-------|------------------------|----------------|-----------------|------------|-------------|-------|
| SINGLE PHASE K-FLO | 1/3 CV | 543 mm | 11.2 kg | 50 mm | 4.8 m ³ /h | 450 W | 330 W | 2.5 A | SPK12603XY1 | |
| | 1/2 CV | 590 mm | 12.5 kg | 50 mm | 7.5 m ³ /h | 580 W | 500 W | 3.2 A | SPK12605XY1 | |
| | 3/4 CV | 590 mm | 13.5 kg | 50 mm | 11.5 m ³ /h | 750 W | 750 W | 3.8 A | SPK12607XY1 | |
| | 1 CV | 590 mm | 14 kg | 50 mm | 15.4 m ³ /h | 1000 W | 1000 W | 5 A | SPK12610XY1 | |
| | 1,5 CV | 620 mm | 16.5 kg | 63 mm | 21.9 m ³ /h | 1600 W | 1500 W | 7.5 A | SPK12615XY1 | |
| | 2 CV | 620 mm | 22.5 kg | 63 mm | 25.7 m ³ /h | 1920 W | 2000 W | 9 A | SPK12620XY1 | |
| | 3 CV | 620 mm | 25 kg | 63 mm | 33 m ³ /h | 2600 W | 3000 W | 12.5 A | SPK12630XY1 | |
| THREE PHASE K-FLO | 1/2 CV | 590 mm | 12.5 kg | 50 mm | 7.5 m ³ /h | 580 W | 500 W | 2.45/1.4 A | SPK12605XY3 | IE3 ✓ |
| | 3/4 CV | 590 mm | 13.5 kg | 50 mm | 11.5 m ³ /h | 750 W | 750 W | 3/1.7 A | SPK12607XY3 | IE3 ✓ |
| | 1 CV | 620 mm | 16.5 kg | 50 mm | 15.4 m ³ /h | 1000 W | 1000 W | 3.4/2 A | SPK12610XY3 | IE3 ✓ |
| | 1,5 CV | 620 mm | 19 kg | 63 mm | 21.9 m ³ /h | 1700 W | 1500 W | 5/2.9 A | SPK12615XY3 | IE3 ✓ |
| | 2 CV | 620 mm | 25 kg | 63 mm | 25.7 m ³ /h | 1930 W | 2000 W | 6.1/3.5 A | SPK12620XY3 | IE3 ✓ |
| | 3 CV | 620 mm | 27 kg | 63 mm | 33 m ³ /h | 2600 W | 3000 W | 8.3/5.0 A | SPK12630XY3 | IE3 ✓ |

* under 8 m water column pressure

Super Pump[®] VSTD

YEARS OF WARRANTY



The original revisited

- ➔ **No modification required** to replace a single-speed Super Pump[®]
- ➔ **Energy savings:** savings of up to 85%* on electricity consumption
- ➔ Versatile and **extremely quiet**
- ➔ **Simple digital user interface**
- ➔ **4 digital inputs** to allow the pump to be controlled via an AquaRite[®]+ type home-control box
- ➔ **180° rotary box for convenient access** to the user interface
- ➔ **Ease of installation for electrical connections**
- ➔ Recommended for pools **up to 70 m³**

* Energy savings of at least 65% are generally achieved.



EXPERT LINE

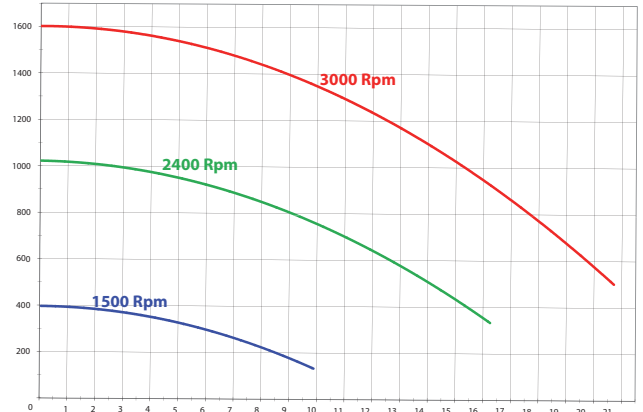


The intuitive control module displays relevant information such as real-time energy consumption. Improved control box, with the addition of five daily programs. "Skimming" function that allows the surface to be automatically skimmed every 1, 2 or 3 hours. **Timer Mode.**



Visit the "Energy savings calculator" page in the Services area of our web site at <http://www.hayward-pool.co.uk>

Pressure (mbar)



Flow rate (m³/h)

SUPER PUMP[®] VSTD

| Speed | Type | Dim A | I/O | Flow rate* | Input Power P ₁ | Output Power P ₂ | Amperage | Item |
|-----------------------------|--------|--------|-----|---|----------------------------|-----------------------------|----------|------------|
| 600 - 3000 RPM (par 20 rpm) | 1.5 HP | 230 mm | 2" | @10 m : 16 m ³ /h @8 m : 18 m ³ /h | 1240 W | 1100 W | 5.9 A | SP2616VSTD |

*at 3000 Rpm

Super Pump® Pro

YEARS OF WARRANTY



* Except for SP1606XE81

Proven reliability, especially imagined for professionals

- ➔ **Heavy duty, high performance** motor for quieter operation
- ➔ Extended-life Viton® pump seal for improved **resistance against chemicals**
- ➔ **Easy maintenance:** large basket and exclusive swing-away hand knobs - no tools required
- ➔ **Easy to install:** union kit included
- ➔ Direct replacement of former 2" Super Pump® without any installation modification
- ➔ Recommended for pools **up to 100 m³**

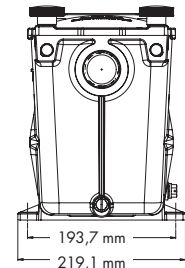
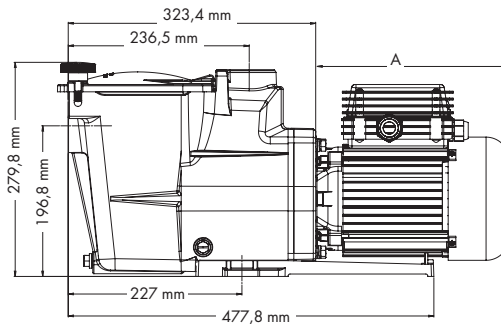


EXPERT LINE

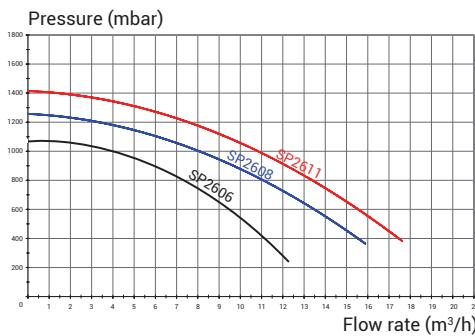


Union kit included

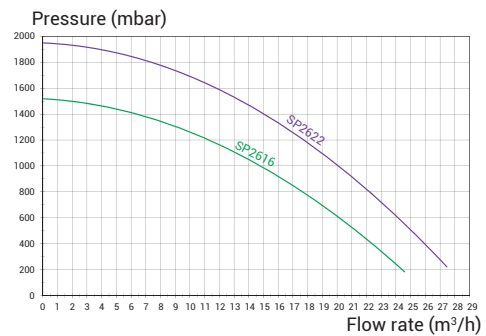
See-through strainer cover



➔ **Unions 50 mm**



➔ **Unions 63 mm**



| | Type | Dim. A | Weight | Flow rate* | I/O | Unions | Input Power P1 | Output Power P2 | Amperage | Item |
|------------------------------|--------|--------|--------|------------|-----|----------|----------------|-----------------|-----------|--------------------------|
| SINGLE PHASE SUPER PUMP® PRO | 1/2 HP | 183 mm | 14 kg | 7.5 m³/h | 2" | 2"/50 mm | 870 W | 550 W | 3.6 A | SP2606XY81 |
| | 3/4 HP | 183 mm | 14 kg | 11 m³/h | 2" | 2"/50 mm | 870 W | 550 W | 3.6 A | SP2608XY111 |
| | 1 HP | 213 mm | 15 kg | 13.5 m³/h | 2" | 2"/50 mm | 975 W | 720 W | 4.3 A | SP2611XY161 |
| | 1.5 HP | 213 mm | 15 kg | 18 m³/h | 2" | 2"/63 mm | 1100 W | 790 W | 5 A | SP2616XY221 |
| | 2 HP | 232 mm | 16 kg | 22 m³/h | 2" | 2"/63 mm | 1500 W | 1115 W | 7.25 A | SP2622XY251 |
| THREE PHASE SUPER PUMP® PRO | 1 HP | 213 mm | 14 kg | 13.5 m³/h | 2" | 2"/50 mm | 900 W | 750 W | 2.8/1.6 A | SP2611XY163 IE3 ✓ |
| | 1.5 HP | 213 mm | 14 kg | 18 m³/h | 2" | 2"/63 mm | 900 W | 750 W | 2.8/1.6 A | SP2616XY223 IE3 ✓ |
| | 2 HP | 232 mm | 16 kg | 22 m³/h | 2" | 2"/63 mm | 1 330 W | 1 100 W | 4/2.3 A | SP2622XY253 IE3 ✓ |

* under 8 m water column pressure

MaxFlo XL™ VSTD

YEARS OF WARRANTY



Excellent value for money

- **Two power levels available** (1 HP and 1.5 HP)
- Energy-saving: **savings of up to 85%* on electricity consumption**
- **Extremely quiet**
- Simple, intuitive **digital interface**
- **4 digital inputs** allow the **pump to be controlled** via an AquaRite® + type home-control box
- **180° rotary box** allows **convenient access** to the user interface
- **New connection box** for easier electrical connection
- **Quarter-turn opening cover** for easy maintenance
- **Union fittings provided** for easy installation
- Recommended for pools **up to 65 m³**

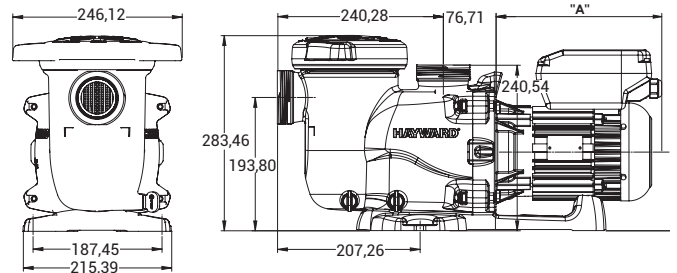
* Energy savings of at least 65% are generally achieved.



EXPERT LINE

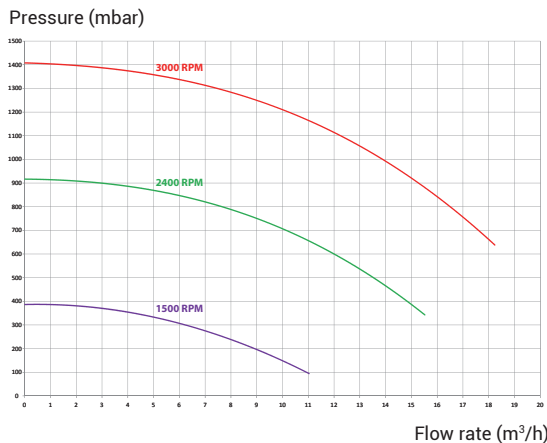


The intuitive control module displays relevant information such as real-time energy consumption. Improved control box, with the addition of five daily programs. "Skimming" function that allows the surface to be automatically skimmed every 1, 2 or 3 hours. **Timer Mode.**

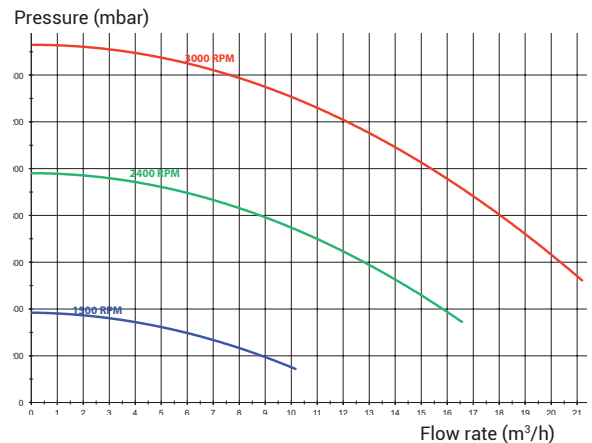


Visit the "Energy savings calculator" page in the Services area of our web site at <http://www.hayward-pool.co.uk>

➤ 1 HP Model Curve



➤ 1.5 HP Model Curve



MAXFLO XL™
VSTD

| Speed | Type | Dim. A | I/O | Flow rate* | Input Power P1 | Output Power P2 | Amperage* | Item |
|-----------------------------|--------|--------|----------|---------------------------------------|----------------|-----------------|-----------|------------|
| 600 - 3000 RPM (par 20 rpm) | 1 HP | 241 mm | 50 mm | @10 m : 13,8 m³/h @8 m : 16,5 m³/h | 950 W | 750 W | 4,4 A | SP2310VSTD |
| 600 - 3000 RPM (par 20 rpm) | 1,5 HP | 265 mm | 50/63 mm | @10 m : 15,3 m³/h @8 m : 18 m³/h | 1240 W | 1 100 W | 5,9 A | SP2315VSTD |

*at 3000 Rpm

MaxFlo XL™

YEARS OF WARRANTY



Simplicity

- ➔ Optimised design and hydraulics
- ➔ Quarter-turn opening cover for easy maintenance
- ➔ Union fittings provided for easy installation
- ➔ Suitable for all types of pool up to 80 m³



EXPERT LINE



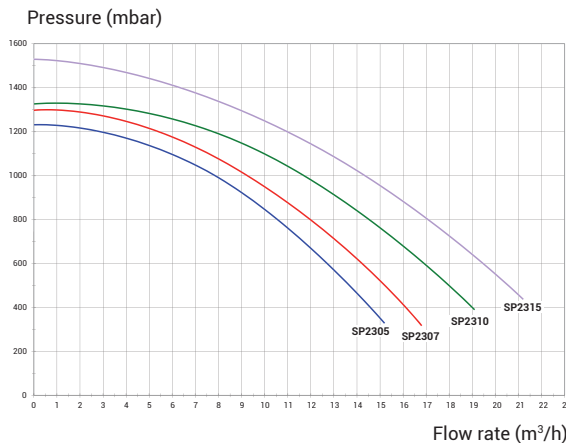
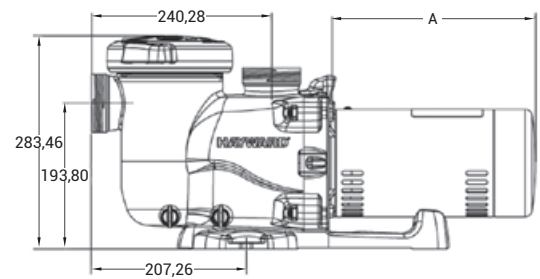
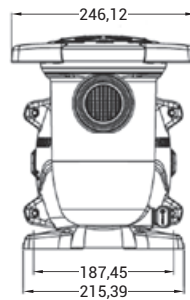
Easy-to-service design provides simple installation



See-through strainer cover



Drain plugs for an easy wintering



SINGLE PHASE
MAXFLO XL™

THREE PHASE
MAXFLO XL™

| Type | Dim. A | Weight | I/O | Flow rate* | Input Power P ₁ | Output Power P ₂ | Amperage | Item | |
|----------------------------|--------|--------|----------|------------|----------------------------|-----------------------------|----------|-----------|--------------------------|
| SINGLE PHASE MAXFLO XL™ | 1/2 HP | 220 mm | 12.9 kg | 50 mm | 10.5 m ³ /h | 640 W | 430 W | 3 A | SP2305XE81 |
| | 3/4 HP | 220 mm | 12.9 kg | 50 mm | 12 m ³ /h | 640 W | 430 W | 3 A | SP2307XE111 |
| | 1 HP | 247 mm | 13.9 kg | 50 mm | 14.5 m ³ /h | 975 W | 720 W | 4.3 A | SP2310XE161 |
| | 1.5 HP | 247 mm | 14.07 kg | 50/63 mm | 17 m ³ /h | 1100 W | 790 W | 5 A | SP2315XE221 |
| THREE PHASE MAXFLO XL™ | 3/4 HP | 216 mm | 11.4 kg | 50 mm | 12.8 m ³ /h | 640 W | 430 W | 2.1/1.2 A | SP2307XE113 |
| | 1 HP | 216 mm | 12.02 kg | 50 mm | 14.5 m ³ /h | 975 W | 690 W | 3/1.7 A | SP2310XE163 |
| | 1.5 HP | 247 mm | 13.2 kg | 50/63 mm | 16.2 m ³ /h | 900 W | 750 W | 2.8/1.6 A | SP2315XE223 IE3 ✓ |

* under 8 m water column pressure



PowerFlo® II

Small pump for outstanding results!

- Pump designed **for small pools** and/or above ground pools
- **Exceptional performance**, one of the best in its category
- 1.1 Litre **pre-filter** basket
- Recommended for pools **up to 80 m³**



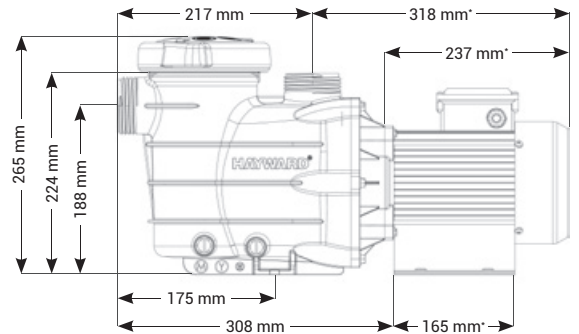
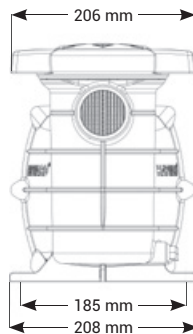
Easy access to the pre-filter through the quarter turn cover



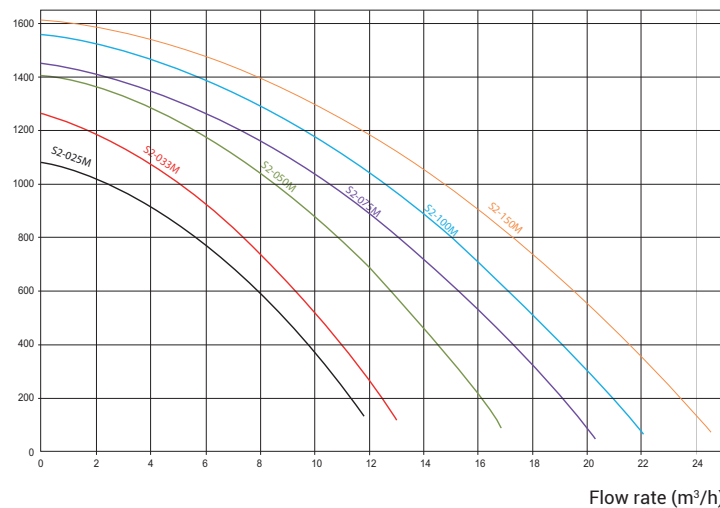
Drainage caps to make wintering easier



50 mm outlet or ø 32/38 mm fluted adapters



Pressure (mbar)



POWERFLO® II

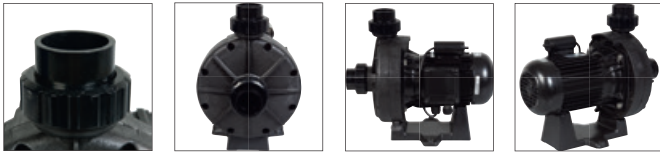
| Type | Length | Weight | I/O | Flow rate** | Puissance Absorbée P1 | Puissance Restituée P2 | Amperage | Item. |
|---------|--------|---------|---------------|-------------|-----------------------|------------------------|----------|-------------|
| 0,25 CV | 504 mm | 7,68 kg | 50 o 32/38 mm | 5.4 m³/h | 440 W | 300 W | 1,92 A | SP8102XE31 |
| 0,33 CV | 504 mm | 7,76 kg | 50 o 32/38 mm | 7,3 m³/h | 530 W | 320 W | 2,32 A | SP8103XE61 |
| 0,5 CV | 504 mm | 8,65 kg | 50 o 32/38 mm | 10,8 m³/h | 810 W | 560 W | 3,51 A | SP8105XE81 |
| 3/4 CV | 504 mm | 9,16 kg | 50 o 32/38 mm | 13 m³/h | 860 W | 610 W | 3,76 A | SP8107XE111 |
| 1 CV | 504 mm | 9,16 kg | 50 o 32/38 mm | 15 m³/h | 1000 W | 730 W | 4,36 A | SP8110XE161 |
| 1,5 CV* | 535 mm | 11,3 kg | 50 o 32/38 mm | 17,2 m³/h | 1200 W | 900 W | 5,32 A | SP8115XE221 |

**under 8 m water column pressure

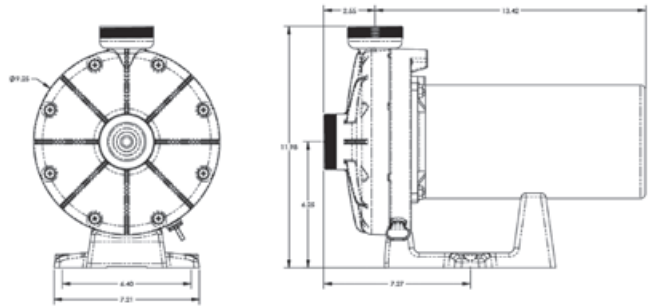
Booster Pump

Booster

- **Adaptable:** union fittings provided
- **Easy to install**
- **Extremely quiet**
- **Suitable for all types of pressure cleaner**



Union fittings

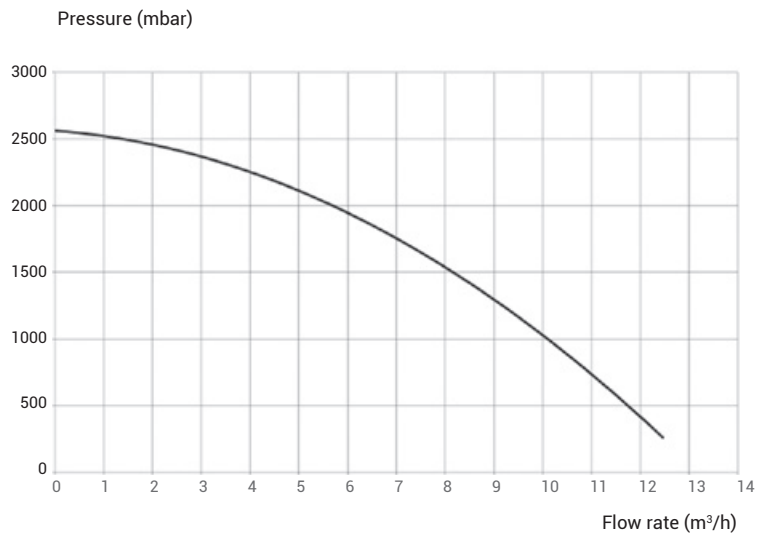


The perfect partner
for TriVac™ cleaners



TriVac™ 500

TriVac™ 700



BOOSTER PUMP

| Type | I/O | Weight | Input Power P1 | Output Power P2 | Amperage | Item. |
|------|-------|--------|----------------|-----------------|----------|---------|
| 1 HP | 50 mm | 11 kg | 1100 W | 830 W | 4.8 A | SP6050E |

H-Power

One electrical box for pumps up to 3 HP



- 2 timers for filtering and 1 timer for the lighting
- Automatic calibration of the outlet for the filter pump
- Integrated protection against overloads
- Several models to choose from, depending on customer requirements: 50, 100 and 300 W transformers

| | Description |
|------------------------------------|--|
| Supply | 230V~ -50/60Hz |
| Pump outlet | 14 A, single-phase models |
| Lighting outlet (depends on model) | 230V~/5A • 12V /50W (T50 W) • 12V~/100W (T100W) • 12V~/300W (T300W) |
| Indicators | Pump in operation, Alarm, Filter programmes, Auxiliary output and Time |
| Protections | Motor overload |
| Overload protection | 20% higher than nominal current |
| 4-Digit LED display | Time, Settings and Alarms |
| Auxiliary relay | Dry contact 250 V / 5 A maximum |
| Maximum cable cross-sections | 4mm ² (power) / 2.5mm ² (control) |
| IP rating / Temperature | IP65/-10°...+55°C |

| | Item | Description |
|---|--------------|--|
| H-POWER WITH/WITHOUT TRANSFORMER | HPOW230 | Electrical box H-POWER single-phase |
| | HPOW230T50 | Electrical box H-POWER single-phase with transformer 50W |
| | HPOW230T100 | Electrical box H-POWER single-phase with transformer 100W |
| | HPOW230T300 | Electrical box H-POWER single-phase with transformer 300W |
| H-POWER + GFCI WITH/WITHOUT TRANSFORMER | HPOW230D | Electrical box H-POWER single-phase with GFCI |
| | HPOW230DT50 | Electrical box H-POWER single-phase + GFCI with transformer 50W |
| | HPOW230DT100 | Electrical box H-POWER single-phase + GFCI with transformer 100W |
| | HPOW230DT300 | Electrical box H-POWER single-phase + GFCI with transformer 300W |
| ELECTRICAL BOX COUNTER-CURRENT | HPOWSWIM230 | Electrical box H-POWER single-phase 230V counter-current 16A |
| | HPOWSWIM400 | Electrical box H-POWER three-phase 400V counter-current 16A |

*GFCI: Ground Fault Circuit Interrupter

H-Power Connect

The only cabinet on the swimming pool market that allows management of the filter pump and lighting by Bluetooth

- ➔ 2 timers for filtering and 1 timer for the lighting
- ➔ Automatic calibration of the outlet for the filter pump
- ➔ Integrated protection against overloads
- ➔ Several models to choose from, depending on customer requirements: 50, 100 and 300 W transformers



Download the "HPOWER" application to be able to control remotely your pool with your smartphone



Remote Control

| | Description |
|------------------------------------|--|
| Supply | 230V~ -50/60Hz |
| Pump outlet | 14 A, single-phase models |
| Lighting outlet (depends on model) | 230V~/5A • 12V /50W (T50 W) • 12V~/100W (T100W) • 12V~/300W (T300W) |
| Indicators | Pump in operation, Alarm, Filter programmes, Auxiliary output and Time |
| Protections | Motor overload |
| Overload protection | 20% higher than nominal current |
| 4-Digit LED display | Time, Settings and Alarms |
| Auxiliary relay | Dry contact 250 V / 5 A maximum |
| Maximum cable cross-sections | 4mm ² (power) / 2.5mm ² (control) |
| IP rating / Temperature | IP65/-10°...+55°C |
| Informations | Bluetooth interface (-B) • Radio remote control • External probe for atmospheric temperature |

| Item | Description |
|---------------|---|
| HPOW230B | Electrical box H-POWER CONNECT single-phase with bluetooth |
| HPOW230BT50 | Electrical box H-POWER CONNECT single-phase with bluetooth and transformer 50W |
| HPOW230BT100 | Electrical box H-POWER CONNECT single-phase, bluetooth and transformer 100W |
| HPOW230DT300 | Electrical box H-POWER CONNECT single-phase, bluetooth and transformer 300W |
| HPOW230BD | Electrical box H-POWER CONNECT single phase with bluetooth and GFCI |
| HPOW230BDT50 | Electrical box H-POWER CONNECT single -phase with bluetooth, GFCI and transformer 50W |
| HPOW230BDT100 | Electrical box H-POWER CONNECT single-phase with bluetooth, GFCI and transformer 100W |
| HPOW230BDT300 | Electrical box H-POWER CONNECT single-phase with bluetooth, GFCI and transformer 300W |

H-POWER CONNECT WITH/WITHOUT TRANSFORMER

H-POWER CONNECT + GFCI* WITH/WITHOUT TRANSFORMER

*GFCI: Ground Fault Circuit Interrupter

FILTERS

 34 > 47

How do I choose a filter?

Your choice of filter should be based around:

- Filtration technology: sand, cartridge and diatomaceous earth filters that determine water clarity and therefore bathing comfort.
- Required flow: to determine this value, consider that an average of 4 to 6 hours should be sufficient to replace the entire volume of pool water.
- Filter operation: sand and diatomaceous earth filters require backwashing and therefore access to the main drain.
- Space available in the equipment room: the smaller size of the cartridge filter allows it to be installed in smaller equipment rooms.

CLEANING FREQUENCY





FILTERS



| | |
|------------------------------------|------|
| SWIMCLEAR™ SINGLE ELEMENT..... | P 36 |
| SWIMCLEAR™ | P 37 |
| PRO GRID | P 38 |
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| PROSERIES™ HL BTL..... | P 40 |
| PROSERIES™ HL TL SIDE | P 41 |
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| FILTRATION UNITS | P 45 |
| STARCLEAR™ / STARCLEAR™ PLUS | P 46 |
| FILTER VALVES | P 47 |

SwimClear™ Single Element

FILTERS

Compact design for clear water

- ➔ **Very fine filtration** (20 to 25 microns)
- ➔ **Ease of maintenance:** just one filtration element to clean
- ➔ **Ease of installation**
- ➔ **NSF Certified**
- ➔ **Excellent hydraulics** that reduce installation head losses
- ➔ **Compact design** with minimum ground coverage
- ➔ **No backwashing:** saves on water, heating and chemicals (ideal with a salt chlorinator as there is no loss of salt)
- ➔ **Can be installed outdoors** thanks to its weather-resistant tank



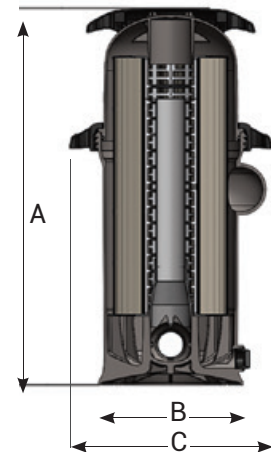
EXPERT LINE



Easy-to-remove filter cartridge



- 1 Recessed pressure gauge. Place the head assembly upside-down on pool pad.
- 2 Ergonomic grip handles: provide multiple handling locations.
- 3 Easy-lok™ ring design. Quick access to internal components.
- 4 Lowest body height to lift elements.
- 5 Complete built-in drain offering full and fast cleaning for simplified filter draining.



SWIMCLEAR™ SINGLE ELEMENT

| | Effective filtration area | Equivalent flow (sand filter) | In/Out | Weight empty | Dimensions | | | Item |
|--|---------------------------|-------------------------------|----------|--------------|------------|--------|--------|--------|
| | | | | | A | B | C | |
| | 9.3 m ² | 20 m ³ /h | 50/63 mm | 15 kg | 775 mm | 330 mm | 464 mm | C100SE |
| | 14 m ² | 25 m ³ /h | 50/63 mm | 16.8 kg | 857 mm | 330 mm | 464 mm | C150SE |
| | 18.6 m ² | 30 m ³ /h | 50/63 mm | 18.1 kg | 984 mm | 330 mm | 464 mm | C200SE |

REPLACEMENT SWIMCLEAR™ SINGLE ELEMENT CARTRIDGES

| Item | Diameter Ø outside | Diameter Ø inside | Height | Quantity required | Item |
|--------|--------------------|-------------------|----------|-------------------|----------|
| C100SE | 263.9 mm | 101.1 mm | 499.1 mm | 1 | CX100XRE |
| C150SE | 263.9 mm | 101.1 mm | 591.6 mm | 1 | CX150XRE |
| C200SE | 263.9 mm | 101.1 mm | 718.6 mm | 1 | CX200XRE |

SwimClear™

YEARS OF WARRANTY

10 TANK
5 EQUIPMENT
TOTALLY PARTNER
+1
Equipment

Trouble-free crystal-clear water

- **Ultra-fine filtration: Twice as efficient as a sand filter.**
20 to 25 microns
- **Very large filtering area**
- **Reduced maintenance:** once a season under normal conditions
- **Small ground footprint**
- **No backwashing:** saves on water, heating and chemicals
- **Can be installed outdoors** thanks to its weather-resistant tank



EXPERT LINE



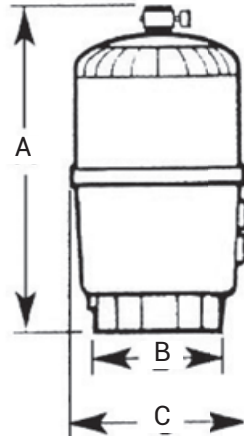
The Hayward® filter clamp assembly consists of two key components that work together with the clamp



Standardised union fittings are supplied with our pumps



Top manifold configuration provides excellent filtration and hydraulic performance



| | Effective filtration area | Equivalent flow (sand filter) | In/Out | Weight empty | Dimensions | | | Item |
|------------|---------------------------|-------------------------------|----------|--------------|------------|--------|--------|-----------|
| | | | | | A | B | C | |
| SWIMCLEAR™ | 30 m ² | 14 m ³ /h | 50 mm | 27 kg | 880 mm | 457 mm | 660 mm | C3030EURO |
| | 39 m ² | 22 m ³ /h | 50 mm | 31 kg | 1030 mm | 457 mm | 660 mm | C4030EURO |
| | 49 m ² | 30 m ³ /h | 50/63 mm | 36 kg | 1180 mm | 457 mm | 660 mm | C5030EURO |
| | 63.2 m ² | 35 m ³ /h | 63 mm | 39 kg | 1330 mm | 457 mm | 660 mm | C7030EURO |

Allow sufficient height to open the filter (minimum clearance height : 650 mm above the filter).

| | Item | Diameter Ø outside | Diameter Ø inside | Hauteur | Quantity required | Item |
|--|-----------|--------------------|-------------------|-----------|-------------------|-----------|
| | | | | | | |
| | C4030EURO | 177.8 mm | 75 mm | 641.35 mm | 4 | CX880XRE |
| | C5030EURO | 177.8 mm | 75 mm | 833.4 mm | 4 | CX1280XRE |
| | C7030EURO | 177.8 mm | 75 mm | 485.8 mm | 8 | CX591XRE |

Pro Grid

Finesse and performance

- **Extremely fine filtration for unparalleled water clarity (2 to 5 microns)**
- **Reduces the need for cleaning products**
- **Injection moulded glass-fibre reinforced polymer tanks for high strength and durability**



The Hayward® filter clamp assembly consists of two key components that work together with the clamp

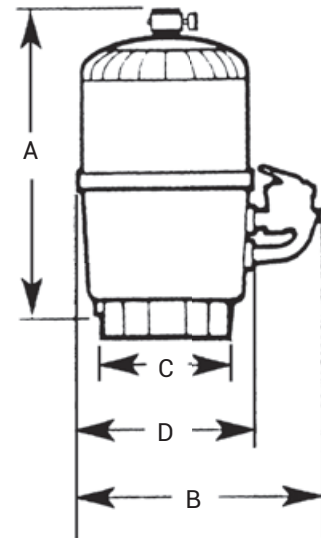


6-position valve sold separately SP0715XR50E



D.E. recovery tank C09002SEP

- 1 High-Profile Manual Air Relief provides an easy way to manually purge air trapped in filter.
- 2 Particularly strong, high resistance filter tank, made of reinforced injected thermoplastic, with a corrosion-proof guarantee.
- 3 Grate of elements designed for bottom to top filtering and for back-wash in the other direction.
- 4 The new Hayward® filter clamp assembly consists of two key components that work in concert with the clamp to reduce the likelihood of improper re-assembly during routine filter maintenance. A unique bolt and nut hardware configuration eliminates the need to handle and position multiple parts and utilises a special thread design that minimizes the number of turns required to secure the nut to the bolt during clamp assembly
- 5 Complete built-in 1.5" drain offering full and fast cleaning for simplified filter draining.



PRO GRID

| Flow rate | Filter Surface | D.E. kg | In/Out | Weight empty | Item | Dimensions | | | |
|----------------------|---------------------|---------|-------------------|--------------|------------|------------|--------|--------|--------|
| | | | | | | A | B | C | D |
| 11 m ³ /h | 2.20 m ² | 1.3 kg | 1" ^{1/2} | 25 kg | DE2420EURO | 810 mm | 838 mm | 381 mm | 660 mm |
| 16 m ³ /h | 3.30 m ² | 2 kg | 1" ^{1/2} | 30 kg | DE3620EURO | 870 mm | 838 mm | 381 mm | 660 mm |
| 22 m ³ /h | 4.45 m ² | 2.7 kg | 2" | 34 kg | DE4820EURO | 1020 mm | 838 mm | 381 mm | 660 mm |
| 27 m ³ /h | 5.60 m ² | 3.4 kg | 2" | 37 kg | DE6020EURO | 1070 mm | 838 mm | 381 mm | 660 mm |
| 30 m ³ /h | 6.60 m ² | 4 kg | 2" | 43 kg | DE7220EURO | 1320 mm | 838 mm | 381 mm | 660 mm |

Important: algicides based on quaternary ammonium PHMB and flocculents are incompatible with D.E. filters. Manufacturer's advice: reload after backwash: maximum load approx. -30%. Hayward® advises a complete cleaning of the filter every year at the end of the season.

REPLACEMENT CARTRIDGES

| Valves for D.E. filters* | In/Out | Number of valve positions | Item. |
|--------------------------|-------------------|---------------------------|-------------|
| DE2420 - DE3620 | 1" ^{1/2} | 6 | SP0710XR50E |
| DE4820 - DE6020 - DE7220 | 2" | 6 | SP0715XR50E |
| D.E Separation tank | | | SC9002SEP |

* Filters and valves sold separately.

Barcelona

YEARS OF WARRANTY

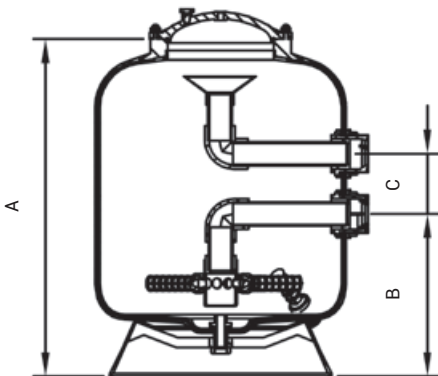
5 TANK **2** EQUIPMENT

The extra performance under hard conditions

- Long-lasting **Fiberpool® bobbin wound technology** allows high pressure rates
- **Maximum pressure: 2.5 bar**
- **Test pressure: 3.75 bar**
- **Reliable under the most exigent environments**
- **Operating pressure: 0.5 to 2.5 bar**



FIBERPOOL®
Technology



BARCELONA

| Flow rate | Diameter Ø | In/Out | Filtration area | Empty weight | Sand | Dimensions | | | Item | Replacement valves * |
|-----------|------------|--------|-----------------|--------------|--------|------------|--------|--------|---------------|--|
| | | | | | | A | B | C | | |
| 9.5 m³/h | 500 mm | 1.5" | 0.19 m² | 22 kg | 100 kg | 700 mm | 337 mm | 125 mm | HCFE211512WVA | Valve: 50112010000 connections: 500200060200 |
| 14 m³/h | 600 mm | 1.5" | 0.28 m² | 24 kg | 150 kg | 800 mm | 382 mm | 125 mm | HCFE241512WVA | |
| 21 m³/h | 750 mm | 2" | 0.44 m² | 29 kg | 275 kg | 865 mm | 397 mm | 141 mm | HCFE31212WVA | Valve: 250120010000 connections: 500200060300 |
| 28 m³/h | 900 mm | 2" | 0.63 m² | 64 kg | 450 kg | 950 mm | 435 mm | 141 mm | HCFE35212WVA | |

*When changing a valve, it is necessary to purchase both the valve and the appropriate connection

ProSeries™ HL BTL

High performance for premium pools

- ➔ Polyester fiberglass reinforced filter
- ➔ **Twist-Lock** super fast closing mechanism, no tools needed, no worries with sand or hard water scale
- ➔ **VariFlo™** 6 way valve, robust and reliable
- ➔ Dual-side diffuser, **optimal water spreading over the media**
- ➔ Quick connect laterals and drain plug for **easy maintenance**
- ➔ All models are fitted with a **pressure gauge**.



EXPERT LINE



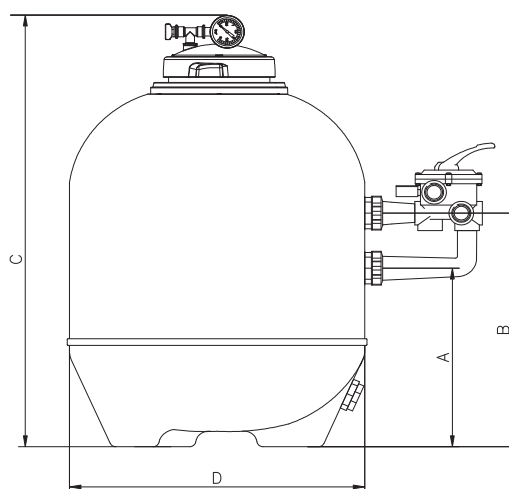
Twist-Lock mechanism for fast and easy closing



VariFlo™ 6 way valve



Optimized hydraulic thanks to the monoblock internal unions, no glued parts



| Flow rate | In/Out | Diameter Ø | Filtration area | Max pressure | Empty weight | Sand | Dimensions | | | | Item |
|-----------|--------|------------|-----------------|--------------|--------------|--------|------------|--------|---------|--------|-----------|
| | | | | | | | A | B | C | D | |
| 10 m³/h | 1,5" | 520 mm | 0,21 m² | 2,5 bar | 17 kg | 100 kg | 355 mm | 480 mm | 890 mm | 520 mm | S210SLBTL |
| 14 m³/h | 1,5" | 640 mm | 0,32 m² | 2,5 bar | 23 kg | 150 kg | 405 mm | 530 mm | 960 mm | 640 mm | S240SLBTL |
| 22 m³/h | 2" | 760 mm | 0,45 m² | 2,5 bar | 34 kg | 225 kg | 460 mm | 300 mm | 1120 mm | 760 mm | S310SLBTL |
| 30 m³/h | 2" | 900 mm | 0,63 m² | 2,5 bar | 45 kg | 325 kg | 470 mm | 610 mm | 1135 mm | 900 mm | S360SLBTL |

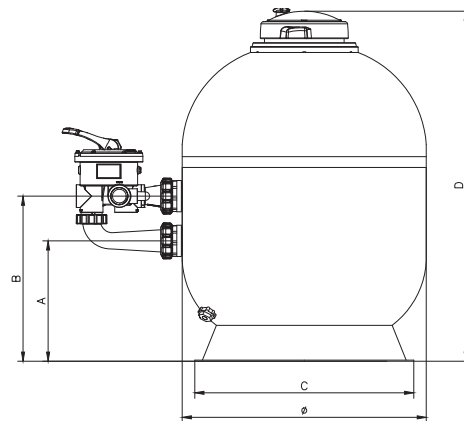
PROSERIES™
HL BTL

*The VariFlo™ valve with connection 1.5" is available only in diameters 520 and 640 (after 2018 production stocks have run out). 2" connection filters are supplied with valve Ref. 250120011300 and unions Ref. 500200061100.

ProSeries™ HL TL Side

Optimized hydraulic for a high quality filtration

- **Polyester fiber glass reinforced filter** for swimming pools up to 189 m³
- **Twist-lock super fast closing mechanism**, no tool required
- **Dual-Side diffuser**, optimal water spreading over the media
- **Quick connect laterals** and big drain for easy maintenance
- **Monoblock inner unions**, no glued parts
- **Big drain, easy maintenance**, no tools needed
- **Operating pressure: 2.5 bar**



Twist lock mechanism for fast closing



Drain plug for easy maintenance



VariFlo™ 6 way valve

PROSERIES™
HLTL SIDE

| | Flow rate | Diameter Ø | I/O | Filtering area | Empty weight | Sand | Dimensions | | | | Item. |
|-------------------------|----------------------|------------|------|---------------------|--------------|--------|------------|--------|--------|--------|-----------|
| | | | | | | | A | B | C | D | |
| PROSERIES™ HLTL SIDE | 10 m ³ /h | 520 mm | 1" ½ | 0.21 m ² | 17 kg | 100 kg | 305 mm | 430 mm | 458 mm | 832 mm | S210SLETL |
| | 14 m ³ /h | 640 mm | 1" ½ | 0.32 m ² | 23 kg | 150 kg | 315 mm | 440 mm | 458 mm | 917 mm | S240SLETL |
| | 22 m ³ /h | 760 mm | 2" | 0.45 m ² | 34 kg | 225 kg | 365 mm | 505 mm | 605 mm | 957 mm | S310SLETL |
| | 30 m ³ /h | 900 mm | 2" | 0.63 m ² | 45 kg | 325 kg | 365 mm | 505 mm | 605 mm | 957 mm | S360SLETL |

*The VariFlo™ valve with connection 1.5" is available only in diameters 520 and 640 (after 2018 production stocks have run out). 2" connection filters are supplied with valve Ref. 250120011300 and unions Ref. 500200061100.

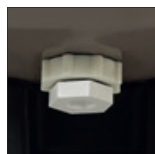
ProSeries™ HL Side

Attractive, sturdy design

- **New range of polyester filters:** fibreglass-reinforced polyester filter body for enhanced pressure resistance. Its structure gives it great strength
- **A complete range:** four products to suit all your customers' pool configurations
- **Bolted opaque cover**
- **Wide top opening** to facilitate easier sand loading
- **Supplied with 6-way valve.** All models are fitted with a pressure gauge



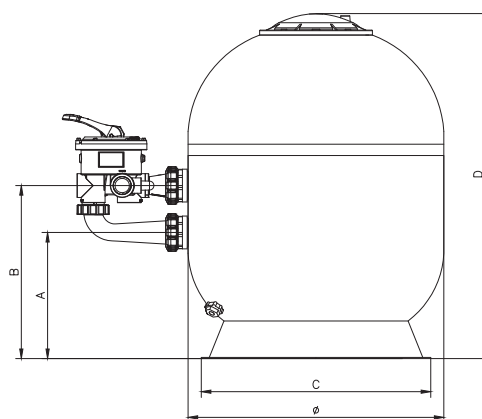
6-position valve with integrated pressure gauge



Drain plug for easy maintenance



Wide top opening for easier sand loading



| | Flow rate | Diameter Ø | In/Out | Filtration area | Empty weight | Sand | Dimensions | | | | Item. |
|-----------------------|-----------|---------------|--------|-----------------|--------------|--------|------------|--------|--------|--------|---------|
| | | | | | | | A | B | C | D | |
| PROSERIES™ HL SIDE | 10 m³/h | 520 mm | 1" ½ | 0.21 m² | 11 kg | 100 kg | 305 mm | 430 mm | 775 mm | 458 mm | S210SLE |
| | 14 m³/h | 640 mm | 1" ½ | 0.32 m² | 21 kg | 150 kg | 315 mm | 440 mm | 860 mm | 458 mm | S240SLE |
| | 22.5 m³/h | 760 mm | 2" | 0.45 m² | 31 kg | 225 kg | 365 mm | 505 mm | 900 mm | 605 mm | S310SLE |
| | 31.5 m³/h | 900 mm | 2" | 0.63 m² | 40 kg | 325 kg | 365 mm | 505 mm | 900 mm | 605 mm | S360SLE |

*The VariFlo™ valve with connection 1.5" is available only in diameters 520 and 640 (after 2018 production stocks have run out).
2" connection filters are supplied with valve Ref. 250120011300 and unions Ref. 500200061100.

ProSeries™ HB Side / HB Top

Performance and reliability

- Blown polyethylene filter for **excellent resistance to high pressures (3.5 bar)**
- Tank manufactured according to the **NSF standard**
- **High resistance to treatment products**
- **Weather resistant**, can be installed outdoors
- **Easy maintenance of the filtering medium** without removing the valve
- **Swivel-mounted laterals** for ease of maintenance
- **40 to 50 micron filtration**



ProSeries™ HB Side

ProSeries™ HB Top



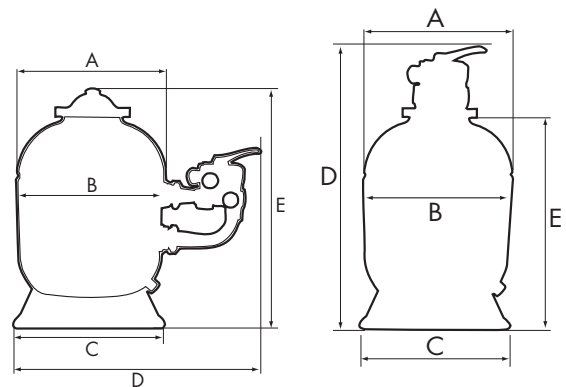
Vari-Flo™ 6-position valve



Sand easily accessible by removing the collar



Drain with plug that also serves as a dismantling tool



| | Flow rate* | Diameter Ø | In/Out | Filtration area | Weight empty | Sand | Dimensions | | | | | Item |
|-----------------------|------------|------------|--------|-----------------|--------------|--------|------------|--------|--------|---------|---------|----------|
| | | | | | | | A | B | C | D | E | |
| PROSERIES™ HB SIDE | 10 m³/h | 510 mm | 1" ½ | 0.20 m² | 17 kg | 100 kg | 510 mm | 498 mm | 521 mm | 825 mm | 810 mm | S210SXE |
| | 14 m³/h | 612 mm | 1" ½ | 0.28 m² | 24 kg | 150 kg | 612 mm | 594 mm | 521 mm | 875 mm | 920 mm | S244SXE |
| | 22 m³/h | 762 mm | 2" | 0.45 m² | 35 kg | 250 kg | 762 mm | 725 mm | 585 mm | 1070 mm | 1008 mm | S0310SXE |
| | 30 m³/h | 895 mm | 2" | 0.64 m² | 61 kg | 350 kg | 895 mm | 880 mm | 585 mm | 1230 mm | 1147 mm | S0360SXE |
| PROSERIES™ HB TOP | 6 m³/h | 401 mm | 1" ½ | 0.12 m² | 12 kg | 50 kg | 401 mm | 391 mm | 371 mm | 858 mm | 598 mm | S166TXE |
| | 10 m³/h | 511 mm | 1" ½ | 0.20 m² | 17 kg | 100 kg | 511 mm | 500 mm | 521 mm | 989 mm | 729 mm | S210TXE |
| | 14 m³/h | 612 mm | 1" ½ | 0.28 m² | 24 kg | 150 kg | 612 mm | 594 mm | 521 mm | 1097 mm | 837 mm | S244TXE |
| | 22 m³/h | 762 mm | 2" | 0.45 m² | 31 kg | 250 kg | 762 mm | 725 mm | 585 mm | 1240 mm | 934 mm | S0310TXE |
| | 30 m³/h | 895 mm | 2" | 0.64 m² | 61 kg | 350 kg | 895 mm | 880 mm | 585 mm | 1374 mm | 1068 mm | S0360TXE |

* Provide sufficient height to open the filter (minimum clearance height: 650 mm above the filter).

ProSeries™ HI Side & Top

Economical and reliable

- **Hard-wearing:** polyethylene-injected, heat-fusion welded filters
- **Filters particularly suitable for above-ground and smaller-sized pools (up to 65 m³)**
- **Wide range of products (6 in total: 3 Side and 3 Top)** to suit all pool configurations
- **Easy to maintain and use,** thanks to its transparent polycarbonate screw-on cover
- **Circular base for optimal filter seating**



ProSeries™ HI Side

ProSeries™ HI Top



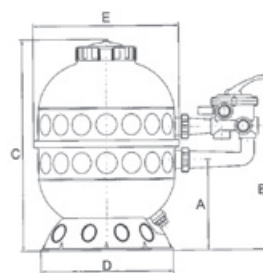
6-position valve



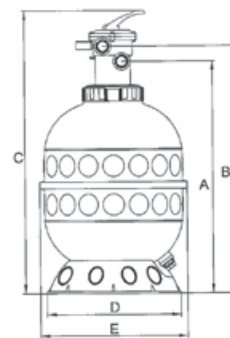
180 mm diameter threaded opening for simpler maintenance operations



Circular base for perfect filter stability



Dimensions of HI Side filter



Dimensions of HI Top filter

| | Flow rate | Diameter ø | In/Out | Filtration area | Empty weight | Sand | Dimensions | | | | | Item |
|--------------------|-----------------------|------------|--------|---------------------|--------------|--------|------------|---------|---------|--------|--------|---------|
| | | | | | | | A | B | C | D | E | |
| PROSERIES™ HI SIDE | 6 m ³ /h | 400 | 1" ½ | 0.13 m ² | 10.5 kg | 50 kg | 266 mm | 391 mm | 651 mm | 503 mm | 453 mm | S160SIE |
| | 9,5 m ³ /h | 500 | 1" ½ | 0.19 m ² | 12.5 kg | 100 kg | 345 mm | 470 mm | 808 mm | 503 mm | 553 mm | S210SIE |
| | 14 m ³ /h | 600 | 1" ½ | 0.28 m ² | 15.5 kg | 125 kg | 391 mm | 516 mm | 891 mm | 503 mm | 653 mm | S240SIE |
| PROSERIES™ HI TOP | 6 m ³ /h | 400 | 1" ½ | 0.13 m ² | 10 kg | 50 kg | 720 mm | 780 mm | 922 mm | 503 mm | 453 mm | S160TIE |
| | 9,5 m ³ /h | 500 | 1" ½ | 0.19 m ² | 12 kg | 100 kg | 877 mm | 937 mm | 1079 mm | 503 mm | 553 mm | S210TIE |
| | 14 m ³ /h | 600 | 1" ½ | 0.28 m ² | 15 kg | 125 kg | 960 mm | 1020 mm | 1161 mm | 503 mm | 653 mm | S240TIE |

Filtration Units

A complete and homogeneous range

- ➔ 40 to 50 micron filtration
- ➔ **High shock resistance** thanks to its highly resilient construction
- ➔ **Strong**, high output motor



6-position Vari-Flo™ valve



Drain with plug which serves as a dismantling tool



Sand easily accessible by removing the collar



- 1 Hayward® Vari-Flo™, with selection handle for easy selection of one of the 6 valve/filter positions. The built-in flow indicator is a way of monitoring the backwash cycle.
- 2 Clamping collar allows the valve to turn through 360° to facilitate connection.
- 3 Integrated top diffuser guaranteeing consistent distribution of water on the sand bed. Internal tubing dimensioned to reduce load losses.
- 4 Corrosion-proof tank of high density blown polyethylene in solid colour built to resist bad weather with minimum maintenance.
- 5 High performance water recovery manifold with self-cleaning strainers perforated through 360°.



FILTRATION UNITS

| Flow rate | Filtration Surface | ø Tank | Sand | Valve | Pump | ø Pipes | Pressure gauge | Flow indicator | Item |
|-----------|--------------------|--------|---------|-------|---------|---------|----------------|----------------|-----------|
| 5 m³/h | 0.10 m² | 350 mm | 25 kg* | 7** | 0.25 HP | 38 mm | Yes | Yes | S144T8102 |
| 6 m³/h | 0.13 m² | 400 mm | 50 kg* | 7** | 0.33 HP | 38 mm | Yes | Yes | S166T8103 |
| 8 m³/h | 0.20 m² | 500 mm | 100 kg* | 7** | 0.5 HP | 38 mm | Yes | Yes | S210T8105 |
| 10 m³/h | 0.20 m² | 500 mm | 100 kg* | 7** | 0.75 HP | 38 mm | Yes | Yes | S210T8107 |
| 14 m³/h | 0.28 m² | 600 mm | 150 kg* | 7** | 1 HP | 38 mm | Yes | Yes | S244T8110 |

* Sand not supplied

** 6 way valve (Filtration, backwash, waste, circulation, rinse and close) + 1 neutral position (winter)

StarClear™ / StarClear™ Plus

Efficient filtration for small pools

- **Very fine filtration (between 20 and 25 microns)**
- **Easy maintenance**
- **Compact design**
- **Small capacity:** suitable for spas, small pools or above-ground pools



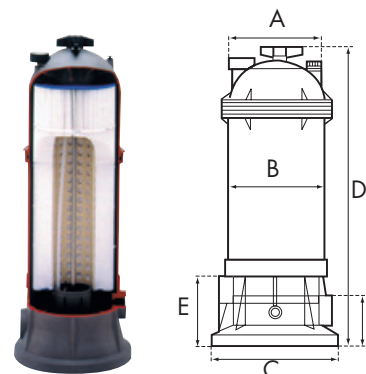
Replacement cartridges



Easy to clean



Star Clear™ filter cross section



STARCLEAR™ FILTER

| Flow rate | Filtration Surface | In/Out | Weight empty | Dimensions | | | | | | Item |
|-----------|--------------------|--------|--------------|------------|--------|--------|--------|--------|-------|----------|
| | | | | A | B | C | D | E | F | |
| 5.7 m³/h | 2.3 m² | 1.5" | 6 kg | 235 mm | 203 mm | 267 mm | 508 mm | 117 mm | 57 mm | C250EURO |
| 11.3 m³/h | 4.6 m² | 1.5" | 8 kg | 235 mm | 203 mm | 267 mm | 749 mm | 117 mm | 57 mm | C500EURO |

Duralon Filter Body

STARCLEAR™ PLUS FILTER

| | | | | | | | | | | |
|-----------|---------|------|-------|--------|--------|--------|---------|--------|-------|------------|
| 17.0 m³/h | 7 m² | 1.5" | 12 kg | 286 mm | 267 mm | 330 mm | 745 mm | 140 mm | 89 mm | C751EURO |
| 20.4 m³/h | 8.4 m² | 1.5" | 12 kg | 286 mm | 267 mm | 330 mm | 746 mm | 140 mm | 89 mm | C900EURO |
| 27.2 m³/h | 11.2 m² | 1.5" | 13 kg | 286 mm | 267 mm | 330 mm | 902 mm | 140 mm | 89 mm | C1200EURO |
| 39.7 m³/h | 16.3 m² | 2" | 15 kg | 286 mm | 267 mm | 330 mm | 1009 mm | 140 mm | 89 mm | C17502EURO |

Important: Algaecides based on quaternary ammonium, PHMB and flocculents are incompatible with the cartridge filters.

REPLACEMENT CARTRIDGES

| Diameter ø | Height | Qty required | For | Item | For | Item |
|------------|--------|--------------|------------|----------|------------|-----------|
| 120 mm | 300 mm | 1 | C225EURO | CX225RE | C0225EURO | CX0225RE |
| 178 mm | 247 mm | 1 | C250EURO | CX250RE | C0250EURO | CX0250RE |
| 178 mm | 359 mm | 1 | C400 | CX410RE | C0400 | CX0410RE |
| 178 mm | 494 mm | 1 | C500EURO | CX500RE | C0500EURO | CX0500RE |
| 178 mm | 498 mm | 1 | C550 | CX550RE | C0550 | CX0550RE |
| 178 mm | 748 mm | 1 | C750 | CX750RE | C0750 | CX0750RE |
| 230 mm | 441 mm | 1 | C751 | CX760RE | C0751 | CX0760RE |
| 216 mm | 441 mm | 1 | C800EURO | CX800RE | C0800EURO | CX0800RE |
| 216 mm | 589 mm | 1 | C1100EURO | CX1100RE | C1100EURO | CX1100RE |
| 178 mm | 494 mm | 4 | C3000EURO | CX580XRE | C3000EURO | CX0580XRE |
| 178 mm | 641 mm | 4 | C4000EURO | CX880XRE | C4000EURO | CX0880XRE |
| 230 mm | 441 mm | 1 | C900EURO | CX900RE | C0900EURO | CX0900RE |
| 230 mm | 589 mm | 1 | C1200EURO | CX1200RE | C1200EURO | CX1200RE |
| 230 mm | 724 mm | 1 | C17502EURO | CX1750RE | C17502EURO | CX1750RE |

Filter valves



SP0715X62E



SP0715EALL



SP071620E



SP071620E

VALVES FOR SAND FILTERS

| For Item | Model | Coupling | Item |
|--|--------------------|----------|---|
| S0166S | SIDE - 6 positions | 1"½ | SP0710X32E |
| S0210S, S0246S | SIDE - 6 positions | 1"½ | SP07195E |
| S0310S, S0360S | SIDE - 6 positions | 2" | SP0715X62E |
| S0310T, S0360T | TOP - 6 positions | 2" | SP071620E |
| S0160T | TOP - 6 positions | 1"½ | SP07121 |
| S0160T threading 6" unc | TOP - 6 positions | 1"½ | SP07122 |
| S0166T, S0210T, S0246T | TOP - 6 positions | 1"½ | SP0714TE |
| S310SLE, S360SLE, S310SLBTL, S360SLBTL | SIDE - 6 positions | 2" | Valve : 250120011300 Unions : 500200061100 |

VALVES FOR D.E. FILTERS

| | | | |
|-----------------------|--------------------|-----|-------------|
| Micro Clear Pro Grid™ | SIDE - 6 positions | 1"½ | SP0710XR50E |
| Micro Clear Pro Grid™ | SIDE - 6 positions | 2" | SP0715XR50E |

MULTI-WAY VALVES

| | | | |
|---|------------------------|-----|-------------|
| - | 4 inlets - 6 positions | 1"½ | SP0710X3E |
| - | 7 inlets - 6 positions | 1"½ | SP0710XEALL |
| - | 4 inlets - 6 positions | 2" | SP07153E |
| - | 7 inlets - 6 positions | 2" | SP0715EALL |
| - | Plug for valve | 2" | SP1053Z1E |

SPHERICAL VALVE

| | | | |
|---|----------------------|---------------------|--------|
| - | Ball valve - two-way | 1"½ FIP x 1"½ / 1"¼ | SP0729 |
|---|----------------------|---------------------|--------|



The Expert's videos
Do you want to know all about filter valves?

The Expert reveals all the secrets of pool filter valve positions. If you wish to show these videos at your point of sale, contact your Hayward® representative.

Find all the Expert's videos under the heading 'Services' at www.hayward-pool.co.uk

LIGHTING

 48 > 51

Why should I favour good pool lighting?

What could be more pleasant than swimming on a hot summer's night?

With LED lighting, you can also achieve colour effects and enhance your outdoor space. This new technology also uses less electricity than conventional lighting (10 times less). It also has an exceptionally long service lifetime (about 30 000 hours).



Remember to finalize your order with one of our electrical boxes; the H-Power or the H-Power Connect (with a transformer).





LIGHTING



| | |
|---|------|
| LED LIGHTS (COLORLOGIC® II, CRYSTALOGIC®) | P 50 |
| 300 W HALOGEN LIGHTS | P 51 |

ColorLogic® II / CrystaLogic®

Standard or compact,
LED lights that meet your needs!

Significantly lower electricity consumption
than conventional lights: **10 times less**

ColorLogic® II:

- Available in **3 or 9 synchronisable coloured LEDs** to create custom lighting atmospheres.

CrystaLogic®:

- Powerful white LED lighting** featuring long lifetime and easy installation
- Available in **mini LED** (3 LEDs) and **standard light** versions (30 LEDs)
- Replaces the incandescent PAR-56



CrystaLogic®

Optional remote control available

The mini LED range: light up specific areas such as stairs or spas. Can be synchronised with ColorLogic® II lights.

**COLORLOGIC® II
RGB LED
LIGHT**

**CRYSTALOGIC®
WHITE LED
LIGHT**

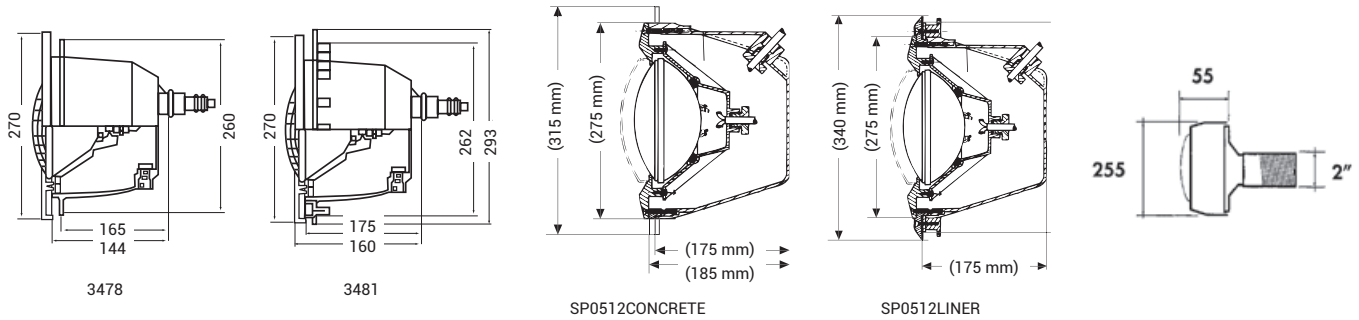
ACCESSORIES




| Description | Item |
|---|---------------|
| RGB light (9 LEDs) 40 W - concrete models | 3478LED30 |
| Mini LEDs (3 LEDs) RGB 15 W - concrete models | 3424LEDRGB |
| RGB LED light (9 LEDs) 40 W - vinyl models | 3481LED30 |
| Mini LEDs (3 LEDs) RGB 15 W - vinyl models | 3429LEDRGB |
| LED light (30 LEDs) white 17.5 W - concrete models | 3478PLDBL |
| Mini LEDs (3 LEDs) white 18 W - concrete models (replaces 3424) | 3424LEDBL |
| LED light (30 LEDs) white 17.5 W - vinyl models | 3481PLDBL |
| Mini LEDs (3 LEDs) white 18 W - vinyl models (replaces 3429) | 3429LEDBL |
| RGB LED light - without niche fitting | 3486LED30 |
| RGB LED bulb 40 W - 12 V - PAR 56 | PRX20005LED30 |
| LED - white - light - without niche fitting | 3486PLDBL |
| LED - white bulb - 17.5 W - 12 V - PAR 56 | PRX20005PLDBL |
| Box RC ColorLogic® II 30 W | 34RCLED |
| Rear nut - concrete models | 3393 |
| Rear nut - vinyl models | 3492 |

300W halogen lights

Halogen lights: the classic lights we can't do without!

- **White** lighting
- Compatible with new PAR 56 bulbs
- **300 W power output**



| | | | | | |
|--------------------|--|--------------------|---------------------------|---------------------------|-------------------|
| DESIGN LIGHT |  3481 | Description | Concrete Item | Vinyl Item | Panel Item |
| | Design light | | 3478 | 3481 | 3487 |
| | Design light without niche fitting. Supplied with bulb, housing, 6 mm ² cable. IP68 - class III - certification ENEC. | | 3486 | 3486 | 3486 |
| EUROLITE |  SP0512LINER | Description | Concrete Item | Vinyl Item | |
| | Eurolite | | SP0512CONCRETE | SP0512LINER | |
| | Eurolite light without niche fitting. Supplied with bulb, housing, 6 mm ² cable. IP68 - class III - certification ENEC. | | SP0512 | SP0512 | |
| HALOGEN LIGHTS |  3435 Screw fitting - 3393 | Description | Concrete Item | Vinyl Item | |
| | 100 W light | | 3434* | 3435* | |
| | 100 W light for fibreglass pool | | 3434 + screw fitting 3393 | - | |
| | 100 W light for panel pool | | - | 3435 + screw fitting 3393 | |
| | Wall inlet | | 3352 | - | |
| 100 W halogen bulb | | PHPX34011 | PHPX34011 | | |

* While stocks last

WHITE GOODS



Why should the choice of white goods be important?

White goods allow water to be circulated and they are also used for pool lighting. It is very important to choose them with care as they are integrated into the pool and therefore contribute to its durability. Among our various ranges of skimmers, lights, main drains, etc., you will be able to find the components that are best suited to your pool, regardless of its construction material, be it a vinyl, concrete, fibreglass or panel pool.

POSITIONING OF WHITE GOODS

| Designation | Pool Dimensions - measurements and quantities | | | | | | | | |
|---------------------------------------|---|----|----|----|----|----|-----|-----|--------|
| | 8 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 15 |
| A - Length | 8 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 15 |
| B - Width | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 7 |
| VOL m ³ ~ | 50 | 60 | 65 | 75 | 85 | 90 | 105 | 120 | 160 |
| SK: skimmer | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 |
| R : outlet | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 |
| BF: main drain | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 or 2 |
| PB: vacuum or robotic cleaner fitting | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| P: light | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 |

ESSENTIAL INFORMATION

| | |
|------------------|---|
| Skimmers | Available in a very wide product range. Modern and robust styling. |
| Metallic Inserts | Easy to install in less than 10 minutes. Zero maintenance required. |
| Turbo Jet | Hydromassage accessory. Can be installed in any type of pool. |



WHITE GOODS



| | |
|---------------------------------------|-----------|
| SKIMMER PREMIUM | P 54 |
| AUTOSKIM™ SKIMMER SERIES..... | P 55 |
| MIRROR SKIMMER..... | P 56 |
| INSERT SKIMMER..... | P 56 |
| ACCESSORIES FOR SKIMMERS | P 57 |
| CONNECTION BOX | P 57 |
| WATER LEVEL REGULATOR..... | P 57 |
| MAIN DRAINS | P 58 |
| ACCESSORIES FOR MAIN DRAINS | P 58 |
| OUTLET FITTINGS..... | P 59 - 60 |
| WALL INLETS..... | P 60 |
| VACUUM FITTINGS | P 61 |
| OTHER ACCESSORIES..... | P 61 |
| ACCESSORIES FOR VACUUM FITTINGS..... | P 61 |
| METAL INSERTS AND COLOURED PARTS..... | P 62 |
| TURBO JET | P 63 |
| HYDROTHERAPY | P 64 |
| UNION FITTINGS..... | P 64 |

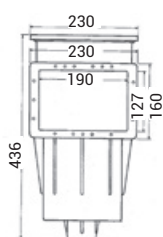
Skimmer Premium



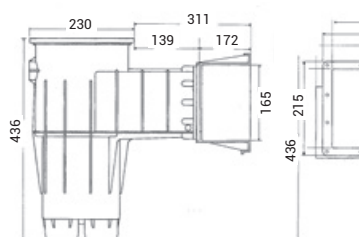
3111



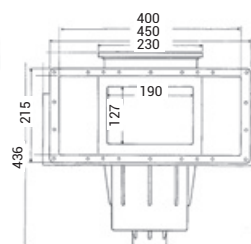
3119



Standard Skimmer 3111



Large extension skimmer 3119



Available in white and also in these colours: sand, light grey and dark grey



3111DGR



3111LG



3111SA



3119DGR



3119LG



3119SA

PREMIUM
SKIMMER SERIES

| Description | Feed-through size | Concrete Item | Vinyl Item | Panel Item |
|---------------------------------|-------------------|---------------|------------|------------|
| Standard skimmer | 139 mm | 3110 | 3111 | - |
| Standard skimmer + 1 extension | 197 mm | - | - | 3107 |
| Standard skimmer + 3 extensions | 313 mm | - | - | 3109 |
| Large extension | 311 mm | 3118 | 3119 | - |
| Extension | - | SKX16001BE | SKX16001VE | - |
| Glue ABS (200 ml) (56 cm) | - | - | - | 11925 |

AutoSkim™ Skimmer series

2



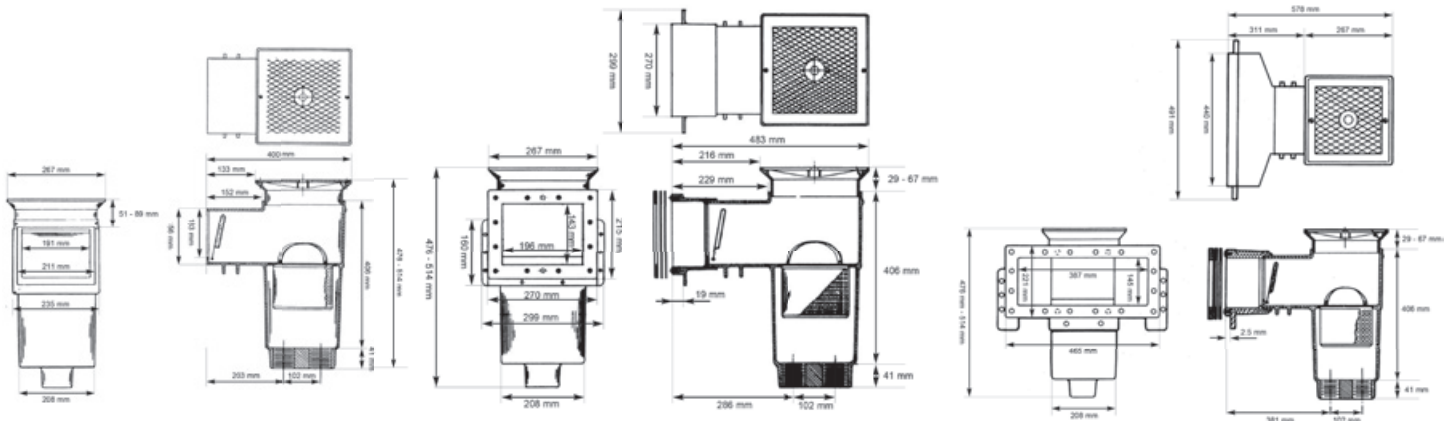
SP1082



SP1084



SP1085



SP1082

SP1084

SP1085

**AUTOSKIM™
SKIMMER SERIES**

| Description | Feed through size | Concrete Item | Vinyl Item |
|-----------------------------|--------------------|---------------|-------------|
| Straight skimmer | 129 mm | SP1082 | - |
| Small-mouth skimmer | 229 / 229 mm | SP1084C | SP1084 |
| Large-mouth skimmer | 325 / 253 / 325 mm | SP1085C | SP1085 |
| Pack of long screws (32 mm) | - | - | SPX1085Z1AM |

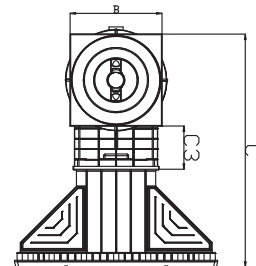
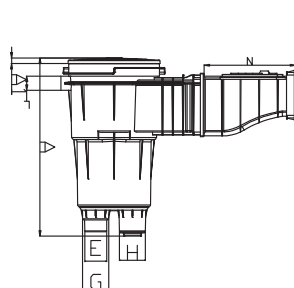
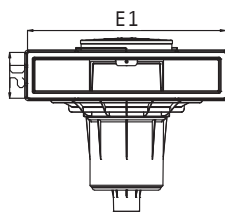
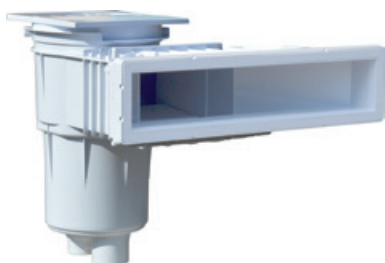
**AUTOSKIM™ ECONOMY
SKIMMER SERIES**

| | | | |
|--------------------------------------|--------|--------|----------|
| Straight skimmer | 127 mm | SP1096 | - |
| Large-mouth straight skimmer | 317 mm | - | SP1097 |
| Skimmer liner Dyna Skim and Skim Vac | - | - | SP1094WF |

**DELUXE COMBO
SKIMMER SERIES**

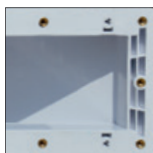
| | | | |
|---------------------|---|---|--------|
| Small-mouth Skimmer | - | - | SP1089 |
|---------------------|---|---|--------|

Mirror Skimmer



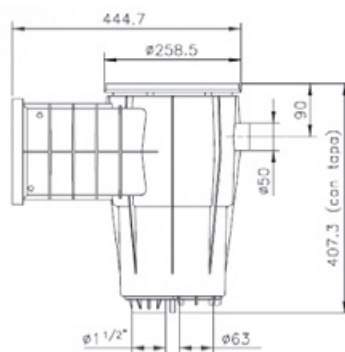
| | Description | Vinyl Item |
|----------------|--|------------|
| MIRROR SKIMMER | Large mouth mirror pool skimmer | 3139 |
| | Light grey large mouth mirror pool skimmer | 3139LG |

| Dims | A | A1 | B | C | C3 | D2 | E1 | L | N |
|------|-------|------|-------|-----|-------|-------|-------|----|-------|
| mm | 483.8 | 14.5 | 250.3 | 634 | 117.4 | 142.5 | 539.1 | 38 | 249.2 |

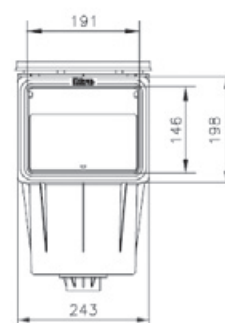


It is recommended that you use a water level regulator with a mirror pool skimmer.
Item: 3150

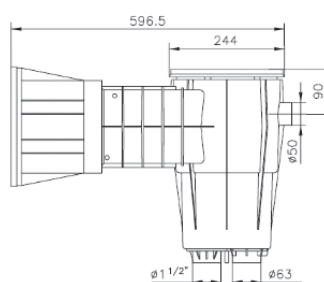
Insert Skimmer



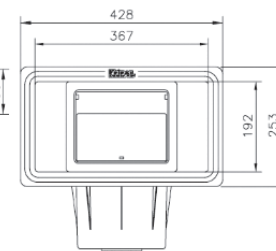
Skimmer dimension - small mouth



| | Description | Vinyl Item |
|----------------|---------------------------|------------|
| INSERT SKIMMER | Small mouth vinyl skimmer | 3121 |
| | Wide mouth vinyl skimmer | 3129 |



Skimmer dimension - wide mouth



Accessories for skimmers



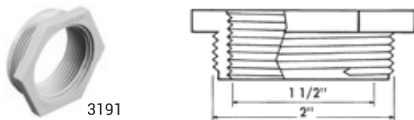
Skim-Vac for Premium and Design skimmers | Item

| | |
|---------------------|------|
| Skim Vac - Skim Vac | 3190 |
|---------------------|------|



Skim-Vac for Premium SP1080 | Item

| | |
|--------------------------------------|---------|
| 1.5" straight connection with gasket | SP1106E |
| 1.5" straight connection | SP1107 |
| 1.25" - 1.5" elbow joint | SP11071 |



Threaded reducer for Premium and Design skimmers | Item

| | |
|-----------------------------|------|
| 2" -> 1.5" threaded reducer | 3191 |
|-----------------------------|------|



Skim-Vac for HAYWARD® skimmers SP1090 series | Item

| | |
|------------------------------------|---------|
| 1.25" - 1.5" elbow joint | SP11041 |
| 1.5" straight connection | SP11051 |
| 1.25" elbow joint | SP11052 |
| 1.25" and 1.5" straight connection | SP11054 |



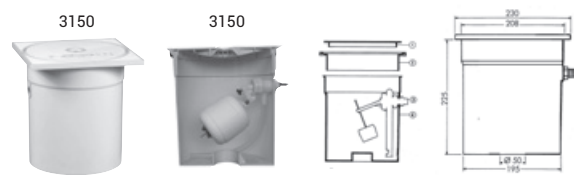
Extension collar for skimmers | Item

| | |
|--|----------|
| Extension collar for Premium and Design skimmers | 3195 |
| Extension collar for SP1080 skimmers | SP1084P1 |

Connection box



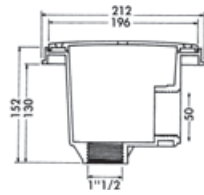
Water level regulator



Tap easily removable from within | Item

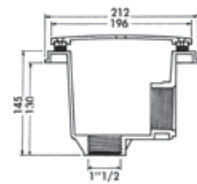
| | |
|-----------------------|------|
| Water level regulator | 3150 |
|-----------------------|------|

Main drains



| Adhesive LUXE series | Concrete Item | Vinyl Item |
|--------------------------|---------------|------------|
| HAYWARD® main drain (X2) | 3254PAK2 | 3255PAK2 |

(X2: to comply with the anti-entrapment standard)



| Screw-in SUPER LUXE series | Concrete Item | Vinyl Item |
|-----------------------------------|---------------|------------|
| HAYWARD® 2" main drain, side (X2) | 3252PAK2 | 3253PAK2 |

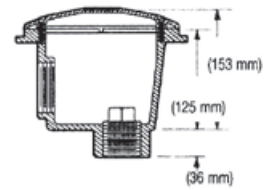
(X2: to comply with the anti-entrapment standard)



| | Concrete Item | Vinyl Item |
|-----------------------------|---------------|-------------|
| Wall bottom vacuum fittings | 06263010000 | 06263030000 |

WG1048AVE

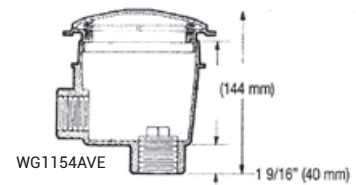
WG1049AVE



| Anti-vortex series | Concrete Item | Vinyl Item |
|------------------------------|---------------|------------|
| HAYWARD® 1.5" main drain | WG1051AVE | WG1048AVE |
| HAYWARD® 2" main drain, side | WG1054AVE | WG1049AVE |

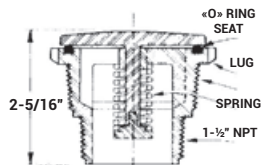
Réf.

| | |
|--|-----------|
| 1" adjustable collar for SP1054 main drain | WG1154AVE |
|--|-----------|

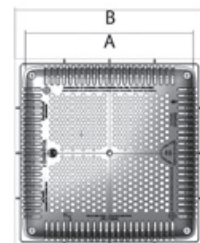


| Concrete Anti-Vortex WG1154AVE series | Réf. |
|---------------------------------------|-----------|
| Concrete main drain | WG1154AVE |

Accessories for main drains



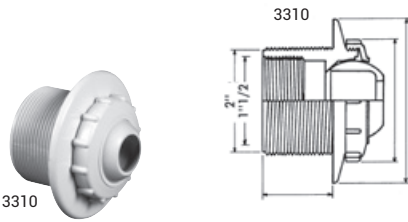
| Hydrostatic valve and drainage tube for main drains - SP1080 series | Item |
|---|---------|
| Valve | SP1056 |
| Drain | SP1055 |
| Assembly key for SP1056 | SP1056T |



WG1032HFE

| Filtration area main drains - Concrete | Dim A | Dim B | Réf. |
|--|-------|-------|-----------|
| 271 cm ² | 225 | 225 | WG1031HFE |
| 436 cm ² | 305 | 305 | WG1032HFE |
| 1084 cm ² | 460 | 460 | WG1033HFE |

Outlet fittings



2" - 1.5" multi-directional outlet for concrete pools

Item

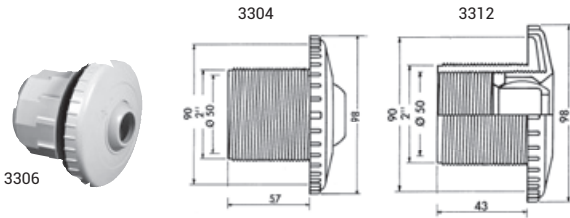
| | |
|---|------|
| Multi-directional outlet for concrete pools | 3310 |
|---|------|



2" screw-in and 63 mm adhesive adjustable outlet for Concrete and Vinyl pools

Concrete Item Vinyl Item

| | | |
|----------------------|------|------|
| 2" adjustable outlet | 3318 | 3319 |
|----------------------|------|------|



2" - 50 mm adhesive multi-directional outlet for concrete and fiberglass pools

Concrete Item Fibreglass Item

| | | |
|---|------|------|
| Adhesive multi-directional outlet with 50 mm connection | 3304 | - |
| Adhesive multi-directional outlet with 50 mm connection + locknut | - | 3306 |
| Buse orientable raccordement 2" - 1 1/2" | 3312 | - |
| Multi-directional outlet with 2" - 1.5" connection + locknut | - | 3344 |



Ø 90 mm adhesive adjustable outlet for concrete and vinyl pools

Concrete Item Vinyl Item

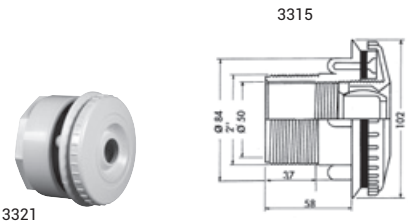
| | | |
|---------------------------|------|------|
| Ø 90 mm adjustable outlet | 3302 | 3303 |
|---------------------------|------|------|



1.5" multi-directional outlet for vinyl pools

Vinyl Item Panel Item

| | | |
|---|--------------|------------|
| Multi-directional outlet (Ø 19) Vinyl greater than 80/100 th | SP1411ELL19D | - |
| Multi-directional outlet (Ø 19) Vinyl greater than 80/100 th | - | SP1411E19D |
| Multi-directional outlet (Ø 25) Vinyl greater than 80/100 th | SP1411ELL19E | - |
| Multi-directional outlet (Ø 25) Vinyl greater than 80/100 th | - | SP1411E19E |



2" - 50 mm adhesive multi-directional outlet for Vinyl and Panel pools

Vinyl Item Panel Item

| | | |
|------------------------------------|------|------|
| Multi-directional outlet | 3315 | - |
| Multi-directional outlet + locknut | - | 3321 |

Rotules Ø 8 mm et 18 mm disponibles en pièces détachées.



1.5" - 2" multi-directional outlet for Concrete

Item

| | |
|--|------------|
| Multi-directional outlet for concrete (Ø 19) | SP1022E19D |
| Multi-directional outlet for concrete (Ø 25) | SP1022E19E |

Outlet fittings



SP1023E19D

| 1.5" - 2" adjustable outlet for Fibreglass | Item |
|--|------------|
| Multi-directional outlet for fibreglass (Ø 19) | SP1023E19D |
| Multi-directional outlet for fibreglass (Ø 25) | SP1023E19E |



SP1425

| 2" adjustable outlet | Floor-mounting Item | Wall-mounting Item |
|----------------------|---------------------|--------------------|
| 2" adjustable outlet | SP1425 | SP1424 |



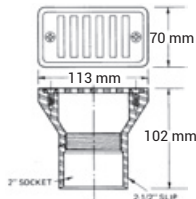
| Multi-directional outlets | Union fitting | Diameter | Réf. |
|---------------------------|---------------|--------------|----------|
| Outlet | 1"½ MIP | - | SP1419A* |
| Outlet | 1"½ MIP | 10 mm - 3/8" | SP1419B |
| Outlet | 1"½ MIP | 12 mm - ½" | SP1419CE |
| Outlet | 1"½ MIP | 19 mm - ¾" | SP1419DE |
| Outlet | 1"½ MIP | 25 mm - 1" | SP1419EE |
| Outlet with flexible end | 1"½ MIP | 25 mm - 1" | SP1420E |

* Split eyeball

Wall inlets



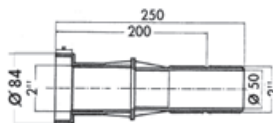
SP1019



| Gutter drain | Item |
|--------------|--------|
| Gutter drain | SP1019 |



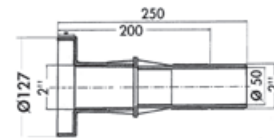
3352



| Wall inlet 3352 | Item |
|---------------------------------|------|
| Wall inlet for liner pool parts | 3352 |



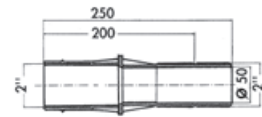
3353



| Wall inlet 3353 | Item |
|---------------------------------|------|
| Wall inlet for mini LED - Liner | 3353 |



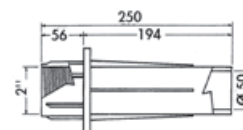
3350



| Wall inlet 3350 | Item |
|------------------------------------|------|
| Wall inlet for concrete pool parts | 3350 |



3358



| Wall inlet 3358 | Item |
|------------------------------------|------|
| Wall inlet for concrete pool parts | 3358 |

Vacuum fittings



| 2" - 1.5" screw-in vacuum fitting for concrete and fibreglass pools | Concrete Item | Fibreglass Item |
|---|---------------|-----------------|
| Vacuum fitting | 3330 | - |
| Vacuum fitting + locknut | - | 3334 |

2" - 1.5" screw-in vacuum fitting for concrete and fibreglass pools

| | | |
|---------------------------|---------|---------|
| Concrete vacuum fitting | SP1022E | - |
| Fibreglass vacuum fitting | - | SP1023E |

| 2" screw-in and 50 mm adhesive vacuum fitting for vinyl and panel pools | Vinyl Item | Panel Item |
|---|------------|------------|
|---|------------|------------|

| | | |
|--------------------------|------|------|
| Vacuum fitting | 3331 | - |
| Vacuum fitting + locknut | - | 3333 |



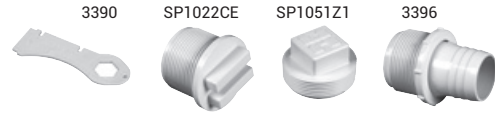
| 2" - 1.5" screw-in vacuum fitting for vinyl and panel pools | Vinyl Item |
|---|------------|
| Vinyl vacuum fitting 60 to 80/100 th (with 1 gasket) | SP1408ELL |
| Vinyl vacuum fitting greater than 80/100 th (with 2 gaskets) | SP1411ELL |
| Vinyl vacuum fitting + locknut 60 to 80/100 th (with 1 gasket) | SP1408E |
| Vinyl vacuum fitting + locknut greater than 80/100 th (with 2 gaskets) | SP1411E |

Other accessories



| Pipe markers | Item |
|--|------|
| Pipe markers (wallet containing 10 sheets) | 3196 |

Accessories for vacuum fittings



| Eyeball and wintering plug nut wrench | Item |
|---------------------------------------|---------|
| Eyeball and wintering plug nut wrench | 3390 |
| Hydrosweep - hydrostream removal tool | SP1419T |

| Wintering plug (outlet) | Item |
|--------------------------------|------|
| Wintering plug for outlet 3310 | 3392 |
| Wintering plug for outlet 3304 | 3395 |

| Plug with 1.5" male gaskets (outlet + vacuum fitting) | Item |
|---|----------|
| Plug with flat gasket (for concrete outlet only) 10 mm thread | SP1022B |
| Plug with O-ring - 33 mm thread | SP1022CE |

| Plugs | Item |
|-------------------------------|----------|
| 1.5" MIP square-head plug | SP1051Z1 |
| 2" MIP plug | SP1053Z1 |
| 2" - 50 mm plug adhesive only | 3192 |
| 1.5" plug with gasket | 3391 |

| Plug with 1.5" male threaded extension | Item |
|--|----------|
| Plug with threaded extension | SP1419F2 |

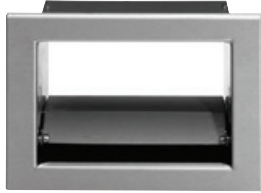
| Safety grille | Item |
|---|---------|
| Safety grille (vinyl) - 33 mm thread | SP1026E |
| Safety grille (concrete) - 10 mm thread | SP1026 |

| Threaded union fitting | Item |
|---|------|
| Threaded union fitting - splined for vacuum fitting | 3396 |

| 1.5" male/female adapter | Item |
|--------------------------|------|
| 1.5" - M/F adapter | 3397 |

| Locknut | Item |
|-------------------------------|--------|
| 2" locknut for concrete parts | 3394 |
| 2" locknut for vinyl parts | 3393 |
| 2" locknut | 3492 |
| 2" locknut for HAYWARD® parts | SP1407 |

Metal inserts and coloured parts



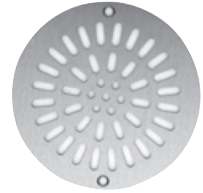
INS3111



INS0512



INS1419



INS3250

Metal Inserts

| | Item |
|--|-----------|
| Eurolite and ColorLogic® lights | INS0512 |
| 300 W Design and ColorLogic® II lights | INS3481 |
| Hayward® SP series main drain | INS1050 |
| Cofies main drain | INS3250 |
| Hayward® WG series main drain | INS1050WG |
| Premium skimmer Item 3111 | INS3111 |
| Premium skimmer Item 3119 | INS3119 |
| Vinyl skimmer SP1084 | INS1084 |
| Vinyl skimmer SP1085 | INS1085 |
| 1.5" Outlet fittings | INS1419 |



3111DGR



3111LG



3119SA



3252DGR



3315DGR



3331DGR



3481SA

| Description | Dark grey Item | Grey Item | Sand Item |
|------------------------|----------------|------------|------------|
| Coloured parts | «DGR» | «LG» | «SA» |
| Skimmers | 3111DGR | 3111LG | 3111SA |
| | 3119DGR | 3119LG | 3119SA |
| Main drains Vinyl (X2) | 3253DGRPAK2 | 3253LGPAK2 | 3253SAPAK2 |
| Outlets | 3315DGR | 3315LG | 3315SA |
| Vacuum fittings | 3331DGR | 3331LG | 3331SA |
| Lights | 3481DGR | 3481LG | 3481SA |

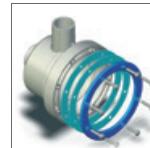
Turbo Jet

The essential accessory for massage and relaxation

- ➔ **Universal:** can be fitted to all types of pool (vinyl, concrete, above-ground)
- ➔ **Adjustable flow and power**



SP1450TE



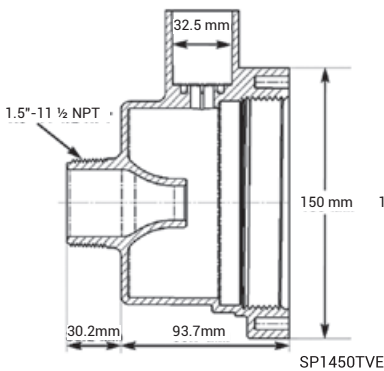
SP1450TVE



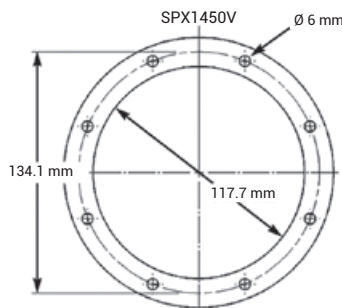
SP1450TME



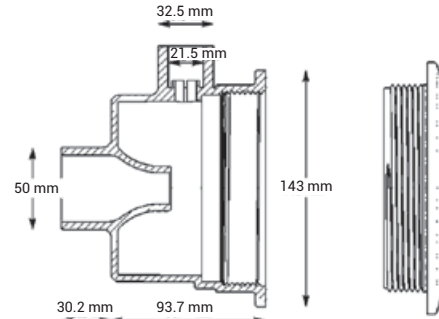
Stainless steel insert available
SP1450ES



SP1450TVE



SP1450V



SP1450TE

| | Description | Item |
|-----------------------|---|-----------|
| TURBO JET | Turbo Jet 1.5" socket with o-ring seal for concrete pools | SP1450TE |
| | Turbo Jet 1.5" MIP for above-ground pools | SP1450TME |
| | Turbo Jet Vinyl for vinyl pools | SP1450TVE |
| TURBO JET ACCESSORIES | Wintering plug with o-ring seal | SP1450WP2 |
| | Wintering cover with o-ring seal | SP1450WP |
| | Air control for Turbo Jet Vinyl | SP1450AC |
| | Stainless steel insert | SP1450ES* |

* Limited stock available

Hydrotherapy



| Jet Air® - compatible with nozzle SP1419 | Item |
|---|---------|
| Jet Air® 1.5" FIP x MIP for permanent installation Fits any 1.5" female end fitting behind the pool wall | SP1430 |
| Nozzle removal tool | SP1430T |
| Jet Air® deluxe 45 cm tube | SP14311 |



| Nozzle for Jet Air® SP1434 | Item |
|----------------------------|------------|
| Vari Flo model | SP1434PAKB |
| Pulse Flo model | SP1436PAKB |



| Jet Air® Serie Mood Setter | Item |
|-----------------------------------|--------------|
| 32 mm water x 32 mm air jet | SP14341EPAKA |
| 50 mm SF/water x 50 mm SF/air jet | SP1434EURO |
| 1" water x air jet | SP14341PAKA |

SP1434T



| Accessories | Item |
|---------------------|---------|
| Jet Air® III wrench | SP1434T |

Union fittings

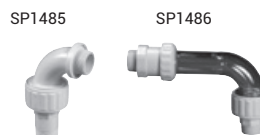


| ABS short union fittings | Union | Item |
|---------------------------------|---------------|---------|
| Raccord union mâle x mâle | 1"½ MIP | SP14951 |
| Raccord union femelle x femelle | 1"½ FIP | SP14952 |
| Raccord union mâle x femelle | 1"½ MIP x FIP | SP14953 |

| ABS economy type union fitting | Union | Item |
|-----------------------------------|---------------|----------|
| 1.25" male union fitting and pipe | 1"½ MIP | SP1491* |
| Male x female union fitting | 1"½ MIP x FIP | SP14953* |

* Limited quantity available

| Check valve | Item |
|------------------------------|----------|
| 1.5" MIP x 32/38 check valve | SP1091CV |



| Full Flo™ union fittings | Union | Item |
|---|---------|----------|
| ABS 90° elbow union fitting with self-alignment | 1"½ MIP | SP1485 |
| 25 cm Lexan®, elbow union, with compression nut | 1"½ MIP | SP1486 |
| 35 cm Lexan®, elbow union, with compression nut | 1"½ MIP | SP1486NP |



SP1091Z1

| Accessories for plastic piping | Item |
|---------------------------------------|-----------|
| 2" M x 1.5" F reducer | SP1082Z2E |
| 1.5" MIP x 32 mm smooth adapter | SP1091Z1 |
| 1.5" MIP x 42 mm American PVC adapter | SP1091Z2 |
| 1.5" MIP x 38 mm European ABS adapter | SP1091Z2E |
| 1.5" MIP x 38 mm smooth adapter | SPX1091Z4 |
| 1.5" MIP x 32/38 mm smooth adapter | SP1091Z7E |
| 1.5" MIP x 50 mm adhesive sleeve | SP1091Z8E |
| 1.5" MIP x 1.5" FIP extension | SP1091Z9 |
| 1.5" MIP x 38 mm embossed elbow | SPX1105Z3 |
| Two-thread clamping collar | SP1091Z6 |



WATER TREATMENT

 66 > 83

What are the possible options?

Sanitization of the water in your pool is essential so that you can enjoy it in total peace at all times. The effectiveness of sanitization products is not related to quantities used but instead to the precision and regularity of dosing. Hayward® proposes several technologies that will be able to meet the requirements of all pool configurations.

- Chlorinators and brominators continuously release chlorine or bromine.
- pH, ORP regulation systems allow the right quantity of the treatment product to be injected, in accordance with the pool requirements.
- Salt chlorination is a system of chlorine production that uses salt in the pool water. It can be combined with systems that regulate the water parameters to ensure precise and effective sanitization on a continuous basis.

DEGREE OF AUTOMATIZATION OF POOL EQUIPMENT





WATER TREATMENT



| | |
|---|------|
| AQUARITE® + | P 68 |
| AQUARITE® + SV | P 70 |
| AQUARITE® LT | P 72 |
| AQUARITE® LT SV | P 73 |
| AQUARITE® FLO | P 74 |
| AQUARITE® FLO ADVANCED | P 75 |
| CONTROL STATION | P 76 |
| CONTROL STATION PANEL | P 77 |
| AQUARITE® PRO | P 78 |
| AQUARITE® PRO LS | P 79 |
| SALT & SWIM® 3C | P 80 |
| EZ-CHEM | P 81 |
| POOL PH LT, POOL PH, POOL RX & POOL RX SOCKET | P 82 |
| CHLORINATORS / BROMINATORS | P 83 |

AquaRite® +

Regulate and treat your pool remotely

- **New touchscreen** (as an option) for easy and intuitive use
- **One single box for salt chlorination and pool equipment regulation and control** (including filter pumps, heat pumps, lighting, etc.)
- **Wifi module:** simple, trouble-free **remote management**
- **Salt treatment included** with Hayward® T-CELLS® and pH probes, the reference of the market
- Clean water at all times: **saves on chemicals** and offers unrivalled bathing comfort

GOLDLINE ACCESSORIES



T-Cell



'Sense and Dispense' module included

OTHER OPTIONS



Standard probe



Detachable screen



Touch Screen (optional)



EXPERT LINE

LONG LIFE
+25% PRODUCTION OF CHLORINE

T-CELL®-15LL
3-YEAR WARRANTY
OPTIONAL



Download the **Hayward® Poolwatch application** today and remotely manage your (or your customers') AquaRite® + salt chlorinator.



poolwatch.hayward.fr

AQUARITE® +

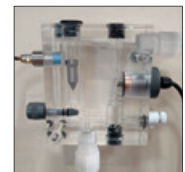
| Description | T3 | T9 | T15 | AQR-PLUS-LSE Probe Goldline |
|---|---|-------------------|--------------------|--------------------------------|
| Wifi module | Optional | | | |
| Principal control outputs | Filtration time / Light / Temperature | | | |
| Additional control outputs | 4 additional user-configurable outputs | | | |
| Salt concentration | 3.2 g/l | 3.2 g/l | 3.2 g/l | 1.5 g/l |
| Chlorine production | 10 g/h | 20 g/h | 30 g/h | 15 g/h |
| Pool volume | 60 m ³ | 95 m ³ | 150 m ³ | 60 à 90 m ^{3*} |
| pH control | Yes | | | |
| ORP control | Optional | | | Provided |
| Display | 2.8" TFT | | | |
| Power supply | 220 V 50/60 Hz | | | |
| Dimensions | 270 x 220 x 115 mm | | | |
| Electronic box | Fireproof black ABS plastic | | | |
| Front cover | White ABS plastic | | | |
| Automatic cleaning | Operates by reverse polarity | | | |
| Salinity testing | Salinity detected in g/l (accuracy ±10%) | | | |
| Pool cover-dependent production control | Programmable 0 - 100% production as a function of pool cover being open or closed | | | |

* Depending on geographical location

AQUARITE® + GOLDLINE PROBE

NEW
AVAILABLE
OPTIONS

| Description | AQR-PLUS-T3E | AQR-PLUS-T9E | AQR-PLUS-T15 E |
|-------------------------|--------------|----------------|----------------|
| ORP Goldline probe kit | | AQR-PLUS-ORP | |
| Probe for free chlorine | | AQR-PLUS-CL | |
| Detachable screen | | AQR-PLUS-PANL | |
| Wifi Module | | AQR-PLUS-WIFI2 | |



Probe for free chlorine

AQUARITE® + STANDARD PROBE

NEW
AVAILABLE
OPTIONS

| Description | AQR-PLUS-T3STE | AQR-PLUS-T9STE | AQR-PLUS-T15STE |
|-------------------------|----------------|----------------|-----------------|
| ORP Standard probe kit | | AQR-LT-KITORP | |
| Probe for free chlorine | | AQR-PLUS-CL | |
| Detachable screen | | AQR-PLUS-PANL | |
| Wifi Module | | AQR-PLUS-WIFI2 | |



AquaRite® + SV

Excellent value for money

- **One single box for salt chlorination and pool equipment regulation and control** (including filter pumps, heat pumps, lighting, etc.)
- **Wifi module:** simple, trouble-free **remote management**
- **Salt treatment included**
- Clean water at all times: **saves on chemicals** and offers unrivalled bathing comfort
- **Transparent cell** to enable a visual check of the production. Gas sensor included.



EXPERT LINE



Standard probe



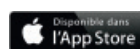
Detachable screen



Touch Screen (optional)



Download the **Hayward® Poolwatch** application today and remotely manage your (or your customers') AquaRite® + salt chlorinator.



poolwatch.hayward.fr

AquaRite® + SV

YEARS OF WARRANTY

2 +1 **TOTALLY PARTNER** Cell Warranty **8000** hours

AQUARITE® +

| Description | AQR-PLUS-SV16ST | AQR-PLUS-SV22ST | AQR-PLUS-SV33ST | AQR-PLUS-SV50ST |
|---------------------------------------|---|-----------------|-----------------|-----------------|
| Maximum production Cl ₂ /h | 16 gr | 22 gr | 33 gr | 50 gr |
| Salt concentration | From 3gr up to 100 gr Na/Cl | | | |
| Pool volume | 65 | 110 | 200 | 300 |
| Display | 2,8" TFT | | | |
| Alimentation | 220 V 50/60 Hz | | | |
| Dimensions | 270 x 220 x 115 mm | | | |
| Electronic box | Fireproof black ABS plastic | | | |
| Front cover | White ABS plastic | | | |
| Output | 8-15 A | 8-20 A | 10-15 A | 35-45 A |
| Consumption | 120 W | 160 W | 150 W | 360 W |
| WiFi module | Optional | | | |
| Principal control outputs | Filtration time / Light / Temperature | | | |
| Additional control outputs | 4 additional user-configurable outputs | | | |
| pH control | Yes | | | |
| ORP control | Optional | | | |
| Temperature control | Yes | | | |
| Automatic cleaning | Operates by reverse polarity | | | |
| Salinity testing | Salinity detected in g/l (accuracy +- 10%) | | | |
| Pool cover | Programmable 0 – 100% production as a function of pool cover being open or closed | | | |

AQUARITE® + TRANSPARENT CELL

NEW

AVAILABLE OPTIONS

| Description | AQR-PLUS-SV16ST | AQR-PLUS-SV22ST | AQR-PLUS-SV33ST | AQR-PLUS-SV50ST |
|-------------------------|-----------------|-----------------|-----------------|-----------------|
| ORP standard probe kit | AQR-LT-KITORP | | | |
| Probe for free chlorine | AQR-PLUS-CL | | | |
| Wifi module | AQR-PLUS-WIFI2 | | | |
| Ethernet module | RS2NET-OPTION-L | | | |
| Touch screen | CTS-OPTION-TS | | | |
| Detachable TFT screen | AQR-PLUS-PANL | | | |

AQUARITE® + STANDARD PROBE

NEW

AVAILABLE OPTIONS

| Description | AQR-PLUS-SV16ST | AQR-PLUS-SV22ST | AQR-PLUS-SV33ST | AQR-PLUS-SV50ST |
|--------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|
| Electrolysis cell | 4 Titanium cell plates MONOPOLAR | 5 Titanium cell plates MONOPOLAR | 7 Titanium cell plates MONOPOLAR | 5 titanium plates MONOPOLAR |
| Minimum flow | 5 m ³ /h | 7 m ³ /h | 9 m ³ /h | 9 m ³ /h |
| Dimension cell plates | 200 x 45 mm | 200 x 45 mm | 200 x 45 mm | 400 x 45 mm |
| Material cell housing | Plastic PVC transparent | | | |
| Cell fastener | Thread for an easy installation | | | |
| Diameter tube connection | 63 mm | | | |
| Dimension cell | 355 x 305 x 305 mm | | | |
| Cell cable size | (3 x 4) x 1.5 m | | | |
| Gas sensor | Included in the cell | | | Flow switch |
| Maximum pressure | 4 Kg/cm ² | | | |
| Maximum temperature | 45°C | | | |

AquaRite® LT

An affordable, high quality salt chlorinator

- **New options available** for this easy-to-use salt chlorinator
- **Optional ORP kit** regulates the chlorine production
- **Automatic pH correction kit** available as an optional extra
- **Simple** to install, simple to use
- Uses **Hayward®'s TurboCell® Technology** to guarantee reliable and efficient salt chlorination
- **3 sizes** of TurboCell® cells available
- **Closed pool cover detection** for an instant reduction in chlorine production
- **Salinity detector**



Optional ORP kit
Standard probe



pH correction kit (optional)

WATER TREATMENT

AQUARITE® LT

| Description | AQR-LT-T3E | AQR-LT-T9E | AQR-LT-T15E |
|---|---|------------|-------------|
| Salinity | 3.2 g/l | 3.2 g/l | 3.2 g/l |
| Chlorine production | 10 g/h | 20 g/h | 30 g/h |
| Pool volume | 60 m³ | 95 m³ | 150 m³ |
| pH Correction | Optional | | |
| ORP regulation | Optional | | |
| Display | 2.8" TFT - Multi-language | | |
| Power supply | 220 V 50/60 Hz | | |
| Dimensions | 270 x 220 x 115 mm | | |
| Electronic box | Fireproof black ABS plastic | | |
| Couvercle de protection | White ABS plastic | | |
| Self-cleaning | Operates by reverse polarity | | |
| Salinity test | Instant salinity reading in g/l | | |
| Pool cover-dependent production control | Programmable 0 - 100% production as a function of pool cover being open or closed | | |

NEW

AVAILABLE OPTIONS

| Description | AQR-LTO-T3E | AQR-LTO-T9E | AQR-LTO-T15E |
|------------------------|---------------|-------------|--------------|
| Goldline pH probe kit | AQR-CTL-KITPH | | |
| Standard pH probe kit | AQR-LT-KITPH2 | | |
| Goldline ORP probe kit | AQR-PLUS-ORP* | | |
| Standard ORP probe kit | AQR-LT-KITORP | | |

* Only with AQR-CTL-KITPH

AquaRite® LT SV

2 **TOTALLY PARTNER** **+1** **Cell Warranty 8000 hours**

An affordable, high quality salt chlorinator with transparent cell

- **New options available** for this easy-to-use salt chlorinator
- **Optional ORP kit** regulates the chlorine production
- **Automatic pH correction kit** available as an optional extra
- **Simple** to install, simple to use
- **Closed pool cover detection** for an instant reduction in chlorine production
- **Salinity detector**
- **Transparent cell** to enable a visual check of the production.
Gas sensor included.



Optional ORP kit
Standard probe



pH correction kit (optional)

AQUARITE LT

| Description | AQR-LTO-SV16 | AQR-LTO-SV22 | AQR-LTO-SV33 | AQR-LTO-SV50 |
|---------------------------------------|---|--------------|--------------|--------------|
| Maximum production Cl ₂ /h | 16 gr | 22 gr | 33 gr | 50 gr |
| Salt concentration | From 3gr up to 100 gr Na/Cl | | | |
| Pool volume | 65 | 110 | 200 | 300 |
| Display | 2,8" TFT | | | |
| Alimentation | 220 V 50/60 Hz | | | |
| Dimensions | 270 x 220 x 115 mm | | | |
| Electronic box | Fireproof black ABS plastic | | | |
| Front cover | Black ABS plastic | | | |
| Output | 8-15 A | 8-20 A | 10-15 A | 35-45 A |
| Consumption | 120 W | 160 W | 150 W | 360 W |
| pH control | Yes | | | |
| ORP control | Optional | | | |
| Temperature control | Yes | | | |
| Automatic cleaning | Operates by reverse polarity | | | |
| Salinity testing | Salinity detected in g/l (accuracy +- 10%) | | | |
| Pool cover | Programmable 0 – 100% production as a function of pool cover being open or closed | | | |

NEW

AQUARITE LT TRANSPARENT CELL

AVAILABLE OPTIONS

| Description | AQR-PLUS-SV16ST | AQR-PLUS-SV22ST | AQR-PLUS-SV33ST | AQR-PLUS-SV50ST |
|------------------------|-----------------|-----------------|-----------------|-----------------|
| PH standard probe kit | AQR-LT-KITPH2 | AQR-LT-KITPH2 | AQR-LT-KITPH2 | AQR-LT-KITPH2 |
| ORP standard probe kit | AQR-LT-KITORP | AQR-LT-KITORP | AQR-LT-KITORP | AQR-LT-KITORP |

NEW

AQUARITE LT TRANSPARENT CELL

AVAILABLE OPTIONS

| Description | AQR-PLUS-SV16ST | AQR-PLUS-SV22ST | AQR-PLUS-SV33ST | AQR-PLUS-SV50ST |
|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|
| Electrolysis cell | 4 Titanium cell plates MONOPOLAR | 5 Titanium cell plates MONOPOLAR | 7 Titanium cell plates MONOPOLAR | 5 titanium plates MONOPOLAR |
| Minimum flow | 5 m ³ /h | 7 m ³ /h | 9 m ³ /h | 9 m ³ /h |
| Dimension cell plates | 200 x 45 mm | 200 x 45 mm | 200 x 45 mm | 400 x 45 mm |
| Material cell housing | Plastic PVC transparent | | | |
| Cell fastener | Thread for an easy installation | | | |
| Diameter tube connection | 63 mm | | | |
| Dimension cell | 355 x 305 x 305 mm | | | |
| Cell cable size | (3 x 4) x 1.5 m | | | |
| Gas sensor | Included in the cell | | | Flow switch |
| Maximum pressure | 4 Kg/cm ² | | | |
| Maximum temperature | 45°C | | | |

AquaRite® Flo

A new generation of salt chlorinators

- **Salt chlorinator** with a wide range of chlorine production 8, 16, 22, 33 and 50gr/h
- Follow up of the chlorine production thanks to the **LED system** status display
- **Transparent cell** to enable a visual check of the production
- **Flow switch** available as an option



| Descriptif | AQR-FLO-8 | AQR-FLO-16 | AQR-FLO-22 | AQR-FLO-33 | AQR-FLO-50 |
|-----------------------------|-------------------|------------|------------|------------|------------|
| Production in g/h | 8 | 16 | 22 | 33 | 50 |
| Pool size up to m³ | 20 | 50 | 90 | 150 | 200 |
| Salt concentration | 3 to 100 g/L | | | | |
| Display | LED light | | | | |
| Protection | IP 65 | | | | |
| Superchlorination mode | ● | ● | ● | ● | ● |
| Manual adjustment of Cl (%) | ● | ● | ● | ● | ● |
| Gas detector | ● | ● | ● | ● | |
| Cover detection | ● | ● | ● | ● | ● |
| Flow switch | Option | | | | ● |
| Alarm | Salt level / flow | | | | |

AQUARITE® FLO

AquaRite® Flo Advanced

2 **TOTALLY PARTNER +1** Cell Warranty **8000** hours

More than a salt chlorinator!

- **Salt chlorinator** combined with the control of pool equipments
- Wide range of Chlorine production, 8 , 16, 22, 33 and 55 gr/h **covering the needs of all pools on the market**
- **Transparent cell to enable a visual check of the production**
- **Monitoring** of the filtration pump and the lighting
- No need of an additional transformer for the lighting, **the power is provided directly by the control unit for LED lights up to 50W**
- **pH, ORP kits** and flow sensor available as an option
- Wifi and Ethernet optional connection kits available for a **remote control of the pool equipments** (connected app available on google play and Appstore)



Download the application free of charge «Hayward Poolwatch» to take advantage of remote management in conjunction with the Wifi module.



AQUARITE®
FLO
ADVANCED

AVAILABLE
OPTIONS

| Descriptif | AQR-FLO-AD8 | AQR-FLO-AD16 | AQR-FLO-AD22 | AQR-FLO-AD33 | AQR-FLO-AD50 | AQR-FLO-AD16LS | AQR-FLO-AD33LS |
|---|---|--------------|--------------|--------------|--------------|----------------|----------------|
| Production in g/h | 8 | 16 | 22 | 33 | 50 | - | - |
| Pool size up to m³ | 20 | 50 | 90 | 150 | 200 | - | - |
| Salt concentration | 3 to 100 g/l | | | | | 1.5 to 100 g/l | |
| Display | Graphics display shows present production, cover, pH*, mV*, temp* | | | | | | |
| Protection | IP65 | | | | | | |
| Language selection | ● | ● | ● | ● | ● | ● | ● |
| Superchlorination mode | ● | ● | ● | ● | ● | ● | ● |
| Manual adjustment of Cl | ● | ● | ● | ● | ● | ● | ● |
| Auto-adjustment of Cl* | ● | ● | ● | ● | ● | ● | ● |
| pH* management | ● | ● | ● | ● | ● | ● | ● |
| Lighting management (supply up to 50 W) | ● | ● | ● | ● | ● | ● | ● |
| Filter pump management | ● | ● | ● | ● | ● | ● | ● |
| VS pumps management | ● | ● | ● | ● | ● | ● | ● |
| Cover detection | ● | ● | ● | ● | ● | ● | ● |
| Smart mode: adjustment of Cl | ● | ● | ● | ● | ● | ● | ● |
| Gas detector | ● | ● | ● | ● | ● | ● | ● |
| Self-cleaning | Programmable up to 999 min | | | | | | |
| Alarms | Low salt / no flow / pH | | | | | | |
| Control box dimensions | 254 x 298 x 133 | | | | | | |
| pH (with pump) | ● | ● | ● | ● | ● | ● | ● |
| Rx | ● | ● | ● | ● | ● | ● | ● |
| WiFi | ● | ● | ● | ● | ● | ● | ● |
| Smartphone management App | ● | ● | ● | ● | ● | ● | ● |
| Flow switch | ● | ● | ● | ● | Included | ● | ● |

* in option

Control Station

Control your pool remotely

- **New touchscreen** (as an option) for easy and intuitive use
- **A single control box** for remote device regulation and control
- **4 auxiliary relays** for control and management of filtration cycles, heat regulation, lighting and also for an additional equipment (outdoor lighting, water feature...)
- **Three 230V output voltage auxiliary relays** including dosing pump for pH and disinfectant
- Optional probe for free chlorine measurement
- **Sold with the Sense & Dispense module** for a continuous pH and Redox (water disinfectant capacity) control*
- Two dosing pumps for **pH regulation and liquid chlorine injection***
- **Wifi module:** simple, trouble-free remote management*

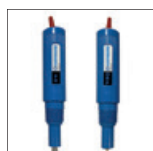


EXPERT LINE

* Only available for CST-CTL-PHORP



Standard probe



pH and Goldline probes



Dosing pumps



Screen remote kit (optional)



Touch Screen (optional)



Download the application free of charge «Hayward Poolwatch» to take advantage of remote management in conjunction with the Wifi module.



CONTROL STATION

| Description | CST-CTL-PHORP Complete box - pH & probe | CST-CTL-BC Box only |
|----------------------------------|---|------------------------|
| Wifi modul | Included | No |
| Four main potential-free outputs | Filtration time / Light / Temperature / Other auxiliary | |
| Output Auxiliary | 230 V 50Hz | |
| pH control | Yes (Goldline probe) | No |
| ORP control | Yes (Goldline probe) | No |
| Display | 2.8" TFT | |
| Power supply | 230 V 50Hz | |
| Dimensions | 270 X 220 X 115 mm | |
| Electronic box | Fireproof plastic ABS black | |
| Protection cover | Plastic ABS black | |

NEW

AVAILABLE OPTIONS

| Description | |
|--------------------------------|-----------------|
| Goldline pH probe kit | AQR-CTL-KITPH |
| Standard pH probe kit | AQR-CTL-KITPH2 |
| ORP Goldline probe kit | AQR-CTL-KITORP |
| Standard ORP probe kit | AQR-CTL-KITORP2 |
| Probe for free chlorine | AQR-PLUS-CL |
| Detachable screen | AQR-PLUS-PANL |
| Wifi | AQR-PLUS-WIFI2 |
| Detection of empty supply tank | AQR-PLUS-CANNE |
| Ethernet Module | RS2NET-OPTION-L |
| Touch Screen | CTS-OPTION-TS |

Control Station Panel

An all-in-one solution

- **Multiparametric control panels that allow easy and effective control of water sanitization, manage and measure your pool water.**
- Assembled Panel included:
3 versions available:
pH + Free Chlorine + Temperature
pH + ORP + Temperature
pH + ORP + Free Chlorine + Temperature
*Probe holder included and pre-filter cartridge assembled in the panel
- **Wifi or Ethernet option** : worldwide remote control
- **5 auxiliary relays for control** and management of filtration cycles, heat regulation, lighting and also for additional equipment (outdoor lighting, water feature...)
- Compatible to manage salt chlorinator Systems
- **Peristaltic or electromagnetic optional dosing pumps** to better fit with your pool characteristics
- **30 days data recording** (with Wifi option)



Control Station



Probe holder



Peristaltic pumps (optional)



Download the application free of charge «Hayward Poolwatch» to take advantage of remote management in conjunction with the Wifi module.



CONTROL STATION PANEL

| Description | HCCPHCLA | HCCPHORPA | HCCPHORPCLA |
|----------------------|----------------------------------|------------------------|--|
| | pH + Free chlorine + Temperature | pH + ORP + Temperature | pH + ORP + Free chlorine + Temperature |
| Dimensions | 700x600x175 mm | | |
| Flow switch | Included | | |
| Temperature probe | Included | | |
| Probes holder | Included | | |
| pH probes | pH glass probe included | | |
| Free chlorine probe | Yes | No | Yes |
| ORP probe | No | Yes | Yes |
| Peristaltic pumps | KBPer (in option) | | |
| Electromagnetic pump | KB5-5 (in option) | | |
| Power supply | 230 V-50Hz | | |
| Electronic box | Fireproof plastic ABS black | | |
| Weight | 12 Kg | | |
| Touch Screen | In option | | |
| Module Ethernet | In option | | |

OPTIONS FOR CONTROL STATION PANEL

| Description | Remote Control by wifi module | Remote control by ethernet |
|-------------|-------------------------------|----------------------------|
| Reference | AQR-PLUS-WIFI-2 | RS2NET-OPTION-L |

AquaRite® Pro

Reliable and efficient salt chlorinator

- **Hayward® T-CELL® technology for highly effective and reliable salt treatment**
- **'Sense and Dispense' module included** for automatic and continuous pH and Redox control (water disinfection potential).
- **Three sizes of Turbo Cell®** for all types of pool
- Polarity reversal cells for **reduced maintenance**

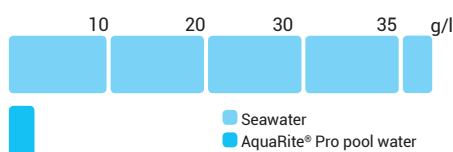


'Sense and Dispense' module included

Peristaltic pump

GLX-CELLSTAND

Only requires an average of 3.2 g of salt per litre of water (2.8 to 3.6 g).



LONG LIFE
+25% PRODUCTION OF CHLORINE

T-CELL®-15LL
3-YEAR WARRANTY
OPTIONAL

AquaRite® Pro controls your pool's pH to maintain a perfect balance.



Water chemistry

AquaRite® Pro ideal levels

| Water chemistry | AquaRite® Pro ideal levels |
|----------------------------------|---|
| Salt | 2.7 to 3.4 g/l |
| Free chlorine | 1.0 to 3.0 ppm |
| pH | 7.2 to 7.6 |
| Cyanuric acid (water stabiliser) | 15 to 30 ppm (15 ppm being the ideal level, if necessary) |
| Total alkalinity | 80 to 120 ppm |
| Calcium hardness | 200 to 300 ppm |
| Metals | 0 ppm |
| Saturation index | -0.2 to 0.2 (0 being the optimum level) |

AQUARITE® PRO

| Description | Pool Volume m ³ | In/Out | Item |
|---------------------------------------|----------------------------|--------|----------------|
| 10 g/hour + Sense and Dispense module | 60 | 1.5" | AQR-PRO-60SDE |
| 20 g/hour + Sense and Dispense module | 95 | 1.5" | AQR-PRO-95SDE |
| 30 g/hour + Sense and Dispense module | 150 | 2" | AQR-PRO-150SDE |
| Cleaning base for Aquarite® cells | - | - | GLX-CELLSTAND |
| ORP Probe | - | - | GLX-PROBE-ORP |
| pH Probe | - | - | GLX-PROBE-PH |

AquaRite® Pro LS

Reduced salt chlorinator: use less salt

- Operates with a **reduced salt requirement** (1.2 to 3.2 g/l)
- Ideal for corrosion-sensitive environments** (e.g. stainless steel pools, metallic pool fittings)
- 'Sense and Dispense' module included** for automatic pH and ORP control, providing clean water and complete peace of mind
- Available with two Hayward® T-CELL®s suitable for **all sizes of pool**



'Sense and Dispense' module included



Peristaltic pump



Specially designed cell for operation under reduced salinity

Water chemistry

AquaRite® Pro LS ideal levels

| | |
|----------------------------------|---|
| Salt | 1.2 to 3.2 g/l (1.5 g/l being the optimum level) |
| Free chlorine | 1.0 to 3.0 ppm |
| pH | 7.2 to 7.6 |
| Cyanuric acid (water stabiliser) | 15 to 30 ppm (15 ppm being the ideal level, if necessary) |
| Total alkalinity | 80 to 120 ppm |
| Water hardness | 200 to 300 ppm |
| Metals | 0 ppm |
| Saturation index | -0.2 to 0.2 (0 being the optimum level) |

AQUARITE® PRO LS

| Description | Pool Volume m ³ | In/Out | Sense&Dispense | Item |
|--|----------------------------|--------|----------------|---------------|
| AquaRite® Pro LS 75 | 60 to 90 m ³ * | 1" ½ | Yes | AQR-PRO-75LSE |
| AquaRite® Pro LS 50 | < 50 m ³ * | 1" ½ | Yes | AQR-PRO-50LSE |
| Cleaning base for Aquarite® PRO LS cells | - | - | - | GLX-CELLSTAND |
| ORP Probe | - | - | - | GLX-PROBE-ORP |
| pH Probe | - | - | - | GLX-PROBE-PH |

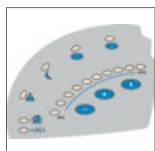
* Depending on geographical location

Salt & Swim® 3C

2

For easier maintenance

- Salt chlorinator for the continuous treatment of pools up to 110 m³ **without the need to handle chlorinated products**
- **Inexpensive and less frequent maintenance**
- **Simple to install and use**
- Features new pool cover detection and chlorine generation adjustment technology



LED system status display

Check the online troubleshooting in the Services area at hayward-pool.co.uk

Remember to finalize your order with a Pool-pH regulator to optimise your pool sanitization



'All-in-one' cell for simpler installation, featuring integrated temperature and flow rate sensors. Extremely easy to replace, with minimal maintenance requirements.

Easy-to-install and with a reduced size, the cell is perfectly adapted to all possible configurations. Functions equally well in vertical, horizontal or inclined set-ups for use in even the most restrictive situations.

New cell guarantee: 2 years

WATER TREATMENT

| Technical specifications | Salt & Swim 3C SAS15CLDEU | Salt & Swim 3C SAS22CLDEU |
|--------------------------------|--|---------------------------|
| Maximum pool size | 75 m ³ | 110 m ³ |
| Chlorine production | 15 g/hour - 3.0 g/l salt | 22 g/hour - 3.0 g/l salt |
| Self-cleaning cell | Operates by reverse polarity | |
| Cell reference | SAS15LD-CELL-EU | SAS22LD-CELL-EU |
| Minimum flow rate | 5 m ³ /hour | |
| Connection | Glued connector or 50 mm compression joint | |
| Flow rate detector | Integrated magnetic flow switch | |
| Cell orientation | Horizontal, vertical or inclined | |
| Superchlorination | Yes | |
| Low temperature cutoff | Yes, reduced output at 15°C or lower, and shut-off at 10°C and below | |
| Chlorine production regulation | 0 - 100% in 10% increments | |
| Closed pool cover detection | Yes (reduces chlorine production) | |

SALT & SWIM® 3C

ACCESSORIES

| Description | Item |
|---------------------------------|---------------|
| Wintering cap | GLX-DIY-CAP |
| Pack of 2" 63 mm union fittings | SP3200UNKIT63 |

EZ-Chem

Simplifying maintenance

- **Automatic pH monitoring and control**
- Monitors probes and controls calibration
- Permanent status display of monitored levels
- **ORP included (liquid chlorine)**



| | Description | Item |
|---------|----------------------------|------------|
| EZ-CHEM | EZ-Chem regulator pH + ORP | DIY-CHEMRX |



Pool pH LT, Pool pH, Pool Rx & Pool Rx Socket

YEARS OF WARRANTY

2

NEW

A new generation of chemical regulation

- Easy maintenance
- Large range of chemical regulation:
 - **Basic pH regulation**
 - **Automatic pH regulation**
 - **Automatic ORP regulation**
 - **ORP regulation connected to a salt chlorinator**
- Possibility to combine pH and ORP regulation for a complete solution



Pool pH LT



Pool pH



Pool Rx*



Pool Rx Socket*

| | Pool pH LT | Pool pH | Pool Rx* | Pool Rx Socket* |
|-----------------------|---|--|---|--|
| Item | AQL-POOLPHLT | AQL-POOLPH | AQL-POOLRX | AQL-POOLRXSKT |
| Description | Pump for reading and regulation pH | Pump for reading and regulation pH | Pump for reading and regulation ORP (mV) | Pump for reading ORP and control electrolysis system |
| Weight (kg) | 1,8 | 1,8 | 1,8 | 1,8 |
| Flow / Pressure | 1,5 L / 1 bar | 1,5 L / 1 bar | 1,5 L / 1 bar | - |
| Display | Red digital | Red digital | Red digital | Red digital |
| pH range of use | 6,0 - 8,0 | 6,0 - 8,0 | - | - |
| ORP range of use | - | - | 300 - 800 | 300 - 800 |
| pH calibration | 1 point pH7 | 1 point pH7 | - | - |
| ORP calibration | - | - | 1 point 468 mV | 1 point 468 mV |
| Protection | IP65 | IP65 | IP65 | IP65 |
| Power supply | 230 V 50-60 Hz | 230 V 50-60 Hz | 230 V 50-60 Hz | 230 V 50-60 Hz |
| Alarms | Yes | Yes | Yes | - |
| SW fonction | - | Constant dosification with proportional dosing mode programmable | Constant dosification with proportional dosing mode programmable | Can supply and control 1 salt electrolysis system |
| Included in packaging | pH probe - Probe holder Buffer solution - Collar | pH probe - Probe holder - Buffer solution - Level probe - Collar | ORP probe - Probe holder - Buffer solution - Level probe - Collar | ORP probe - Probe holder Buffer solution - Collar |

* We advise you to install a pH regulator with an ORP regulator

Chlorinators / Brominators



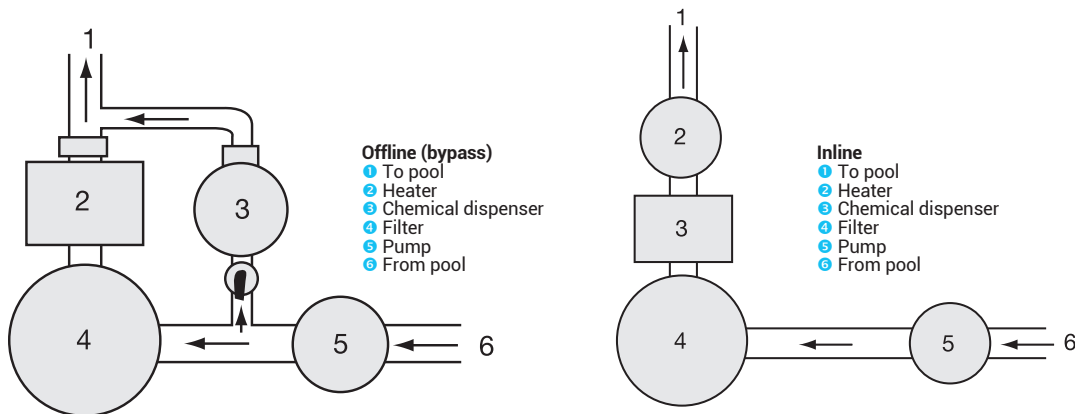
CL0200EURO



C0500EXPE



C0250EXPE



2.5 KG - 4 KG CAPACITY

| Description | Capacity | Dimensions | Max. pool size (chlorine or bromine) | Item |
|--|----------|--------------|--------------------------------------|--------------|
| Inline chlorinator (for 1.5" connection) | 2.5 kg | 206 x 390 mm | 95 m ³ | CL0100EURO |
| Inline chlorinator (for 1.5" connection) | 4 kg | 290 x 390 mm | 150 m ³ | CL0200EURO |
| Off-line (bypass) chlorinator | 2.5 kg | 170 x 356 mm | 95 m ³ | CL0110EURO |
| Off-line (bypass) chlorinator | 4 kg | 200 x 400 mm | 150 m ³ | CL220EURO |
| Off-line (bypass) brominator | 2.5 kg | 170 x 356 mm | 27 m ³ | CL0110BREURO |
| Off-line (bypass) brominator | 4 kg | 200 x 400 mm | 43 m ³ | CL0220BREURO |

HIGH CAPACITY 7 KG - 14 KG

| Description | C0250EXPE* | C0500EXPE* |
|-------------------------------------|--------------------|--------------------|
| Capacity | 7 kg | 14 kg |
| Ø Connection | 3/4" | 3/4" |
| Dimensions | 445 x 267 mm | 700 x 267 mm |
| Maximum dissolution rate - chlorine | 700 g/h | 800 g/h |
| Maximum pool size for chlorine | 265 m ³ | 530 m ³ |
| Maximum dissolution rate - bromine | 35 g/h | 50 g/h |
| Maximum pool size for bromine | 75 m ³ | 150 m ³ |

* Included connectors

CLEANERS

 84 > 101

How do I choose the most appropriate cleaner for my needs?

To choose the best model of cleaner, you should take into consideration the pool size, type (concrete, vinyl, fibreglass) and its surrounding environment (trees, sand, dust, etc.). The right option can then be chosen according to these factors and your available budget. Hayward® has one of the widest ranges of cleaners on the market, so you will definitely find the right solution to suit both your pool and your wallet.

▶ PRESSURE CLEANERS



▶ SUCTION CLEANERS



▶ ELECTRIC CLEANERS



CLEANERS



| | |
|-------------------------------------|------------|
| ELECTRIC CLEANERS | P 86 - 90 |
| AQUAVAC® 6 SERIES | P 87 |
| TIGERSHARK®/TIGERSHARK® QC | P 88 |
| TIGERSHARK® XL QC | P 89 |
| SHARKVAC XL™ PILOT | P 90 |
| | |
| PRESSURE CLEANERS | P 92 - 94 |
| TRIVAC® 700 | P 93 |
| TRIVAC® 500 | P 94 |
| | |
| SUCTION CLEANERS | P 96 - 101 |
| POOLVAC™ V-FLEX® | P 97 |
| NAVIGATOR® V-FLEX® | P 98 |
| AQUANAUT® 250 | P 100 |
| MAGIC CLEAN / PENGUIN / WHALY | P 101 |

ELECTRIC CLEANERS

Operating principles

Operating at low voltage, electric cleaners pose no health risk and are very easy to maintain.

A sophisticated steering system allows them to cover the entire pool and suck up debris that is collected in bags or by filtration panels.

- ① **Simplicity:**
A single power socket is all that is required.
- ② **Easy to maintain**



ADVANTAGES OF THE HAYWARD® ELECTRIC CLEANER RANGE

- An attractive, complimentary product range
- Wide range to suit all budgets and pool configurations
- Extended warranty



AquaVac® 6 Series

A constant suction power

- Engineered with **18 hydrocyclones, SpinTech™** filterless technology creates a swirling spiral of suction maintaining maximum power until the job is done.
- Easily navigates any pool surface : **HexaDrive™** system climbs and thoroughly scrubs walls with six rugged variable-speed-driven rollers.
- Our transparent **TouchFree™** debris canister protects you from the mess : empties and rinses itself
- AquaVac® 650 model can be **controlled from your smartphone**. Spot Clean remote steering feature for quick and easy touchups
- Tug and Catch retrieval : the cleaner can very easily be taken out of the pool



Caddy cart included



Light and easy to use power supply



Wi-Fi app with AV650 for iPhone®, iPad® and Android devices

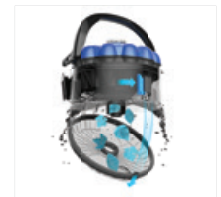
EXPERT LINE



Spintech™ a constant suction power



Hexadrive™ easily navigates any pool surface



Touchfree™ innovative debris cannister

AQUAVAC® 6 SERIES

| Technical specifications | AQUAVAC® 600 RCH601CEY | AQUAVAC® 650 RCH651CEY |
|--|--|------------------------|
| Operating cycle time: | Floor only Floor, walls and waterline Waterline only | 2.5 hours |
| Recurring scheduling | ● | Advanced |
| Weight | 9.5 kg | |
| Dimensions | L 44cm x l 38cm x h 32cm | |
| Cord length | 17 meters | |
| Power supply | 120V - 240 V / 50 - 60 Hz | |
| Trolley included | ● | ● |
| For in-ground pools - maximum size | 6 x 12 m | |
| Light Show | ● | Advanced |
| Tug and Catch retrieval | ● | ● |
| Out of water detection and retrieval function for «Californian-style» beach entry pool | ● | ● |
| Remote control | - | ● |
| Wifi app based programming | - | ● |
| Weekly scheduling | - | ● |
| Service diagnostic | ● | ● |
| User diagnostic | - | ● |

TigerShark® / TigerShark® QC

The unbeatable product in this range

- **The complete cleaning solution:** suction-cleans the pool floor, walls and waterline in 4 hours
- **Optimised cleaning,** thanks to the control logic ASCL microprocessor
- **Available in foam brush or conical rubber brush versions** depending on your pool coating
- For residential pools **up to 6m x 12m**
- **Quick Clean version** for complete cleaning in less than **90 minutes**



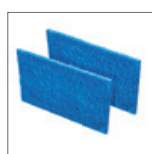
TigerShark® foam version



Tigershark® QC conical rubber brush



Optional ergonomic trolley RC99385 allowing you to move and store the cleaner quickly and easily



Optional start-of-season filter for collection of larger debris RCX70103



Features filter panels that are easy to remove, clean and replace

TIGERSHARK®
TIGERSHARK®QC

| Technical specifications | Tigershark® Conical Rubber RC9950CEB Foam RC9950CEF | Tigershark® QC Conical Rubber RC9990CEB Foam RC9990CEF |
|------------------------------------|---|--|
| Cord length | 16.76 m | 16.76 m |
| Suction capacity | 17 m³/h | 17 m³/h |
| Cleaning speed | 18 m/mn | 18 m/mn |
| Cleaning capacity | 5 m²/min | 5 m²/min |
| Weight | 11.4 kg | |
| Power supply | 220 V ; 50/60 Hz | 220 V ; 50/60 Hz |
| Dimensions in cm (h x l x w) | 28 x 41 x 41 | 28 x 41 x 41 |
| Operating cycle time | 4 h | 90 min (QC) / 4 h |
| Remote control | No | No |
| For in-ground pools - maximum size | 6 m x 12 m | 6 m x 12 m |
| Trolley included | No | No |

TigerShark® XL QC

NEW

The must-have product from this range

- **Complete cleaning solution:** suction-cleans the pool floor, walls and waterline in 4 hours
- **Optimised cleaning,** thanks to the control logic ASCL microprocessor
- **Available in a foam-brush or rubber-brush version** depending on the coating
- For residential pools **up to 6m x 12m**
- **Quick Clean version available** for cleaning in under **90 minutes**

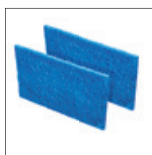


TigerShark® XL QC foam version

Tigershark XL QC® brushes version



Optional ergonomic trolley RC99385
The trolley allows you to move and store the cleaner quickly and easily



Optional start-of-season filter. For larger debris RCX70103



Filter panels that are easy to remove, clean and replace

TIGERSHARK® XL QC

| Technical specifications | Brushes RC9990GEB | Foam RC9990GEF |
|-------------------------------|-------------------|----------------|
| Cord length | 16.76 m | |
| Suction capacity | 17 m³/h | |
| Cleaning speed | 18 m/mn | |
| Area cleaned | 5 m²/min | |
| Voltage | 220V~50/60 Hz | |
| Dimensions in cm (H*L*W) | 28x41x41 | |
| Operating cycles | 90 min (QC) / 4h | |
| Remote control | No | |
| For inground pools (max size) | 6 m x 12 m | |
| Trolley | No | |

SharkVAC XL™ Pilot



Efficient, high-performance cleaner

- **Suction-cleans the pool floor, walls and waterline in 3 hours**
- **Choice of "floor" or "floor and wall" programs** via a selection button
- Suitable for all pool configurations
- **Easy to use:** no bag, no hose
- **Easy top access to the cleaner's high-capacity filter unit:** no need to turn the cleaner over
- **Out-of-water detection and retrieval function** for "Californian-style" beach entry pools



The supplied trolley allows you to move and store the cleaner quickly and easily.



Optional start-of-season filter for collection of larger debris RCX70103



Top access to filter panel for simple maintenance. The filter panel is easy to remove, easy to clean and easy to replace.

SHARKVAC XL™ PILOT

Informations techniques

SHARKVAC XL PILOT RC9743WPCEDY

| | |
|--|---|
| Operating cycle time | Floor only - 2 hours Floor and walls - 3 hours |
| Motor assembly | 24 V |
| Filtration area | 7420 cm ² |
| Weight | 12.35 Kg |
| Operating speed | 16.76 m/min |
| Suction capacity | 17 m ³ /h |
| Cord length | 17 meters |
| Autonomy calculator | Yes |
| Power supply | 220 V ; 50-60 Hz |
| Trolley included | Yes |
| For in-ground pools - maximum size | 6 m x 12 m |
| Out of water detection and retrieval function for "Californian-style" beach entry pool | Yes |



PRESSURE CLEANERS

Operating principles

Pressure cleaners use water pressure to move around and suck up debris. Debris is retrieved by the device and does not clog up your pool filter. This highly effective process requires the installation of an auxiliary pump known as a booster pump.

- ① **Hydraulic technology:**
Works on power water alone with no submerged electrical components.

- ② **Easily customisable:**
TriVac® 700 can replace an existing hydraulic cleaner without requiring any changes to the pool installation.



ADVANTAGES OF THE HAYWARD® PRESSURE CLEANER RANGE

Surface debris removal

Selection button to choose the cleaning mode

TriVac® 700

Amazing cleaning on all levels!

- **TriVac® 700, fitted with AquaDrive technology**, cleans both the floor and surface. **Its three venturi jets can suck up all types of debris**
- TriVac® 700 features **a reverse mode that allows it to turn round, avoiding any risk of getting stuck**
- **The wide suction inlet** prevents the cleaner from becoming clogged
- **An extra-wide debris bag with integrated float** means the Trivac® 700 can collect more debris, without being slowed or dragged down
- **Choice of cleaning mode:** pool floor or skimming modes

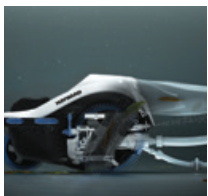


EXPERT LINE



Unique reversing mode

AquaDrive technology allows the cleaner to back up and turn easily. Pressurised water is expelled from a jet at the front of the cleaner to turn the cleaner round, allowing it to continue its cleaning cycle.



Pool floor mode

AquaDrive technology allows the cleaner to optimise pool coverage, while the soft wheels minimise wear and tear on the pool's surface coating.

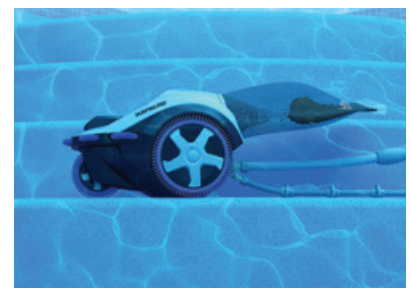


You choose and TriVac® 700 cleans

One single control allows the user to select the required cleaning mode: skimming or pool floor.



Skimming mode



Pool floor mode



TriVac® 700 operates in tandem with our Hayward booster pump SP6050.

| | Pool surface coating | Max. pool size | Debris bag capacity | Reversing frequency | Average reversing time | Item* |
|-------------|----------------------|----------------|---------------------|---------------------|------------------------|---------|
| TRIVAC® 700 | All coatings | 6 x 12 m | 5,7 liters | 60 - 75 seconds | 5 - 10 seconds | TVP700C |

*TriVac® 700 requires the use of a booster pump

TriVac® 500

Amazing cleaning !

- **Fitted with AquaDrive technology**, TriVac® 500 cleans all types of debris thanks to its **three venturi jets**
- TriVac® 500 features **a reverse mode** that allows it to turn round, **avoiding any risk of getting stuck**
- The wide suction inlet prevents the cleaner from becoming clogged
- **An extra-wide debris bag** with integrated float means the TriVac® 500 can collect more debris, without being slowed or dragged down
- Cleaning mode: **pool floor**

NEW



Unique reversing mode

AquaDrive technology allows the cleaner to back up and turn easily. Pressurised water is expelled from a jet at the front of the cleaner to turn the cleaner round, allowing it to continue its cleaning cycle.



AquaDrive technology allows the cleaner to optimise pool coverage, while the soft wheels minimise wear and tear on the pool's surface coating.



Pool floor mode

| | Pool surface coating | Max pool size | Debris bag capacity | Reversing frequency | Average reversing time | Item* |
|-------------|----------------------|---------------|---------------------|---------------------|------------------------|---------|
| TRIVAC® 500 | All coatings | 6 x 12 m | 5,7 liters | 60 - 75 seconds | 5 - 10 seconds | TVP500C |

*TriVac® 500 requires the use of a booster pump



SUCTION CLEANERS

Operating principles

This type of cleaner is installed on the skimmer or vacuum fitting. It moves around the pool at random or as programmed to retrieve debris, which is sent directly to the filtration system filter.

They represent an economical and reliable cleaning solution.

- ① **Proven technology:**
Hayward® has been the world leader in turbine cleaner technology for 25 years.

Both of the flagship suction cleaners in the range (PoolVac® and Navigator®) have been **upgraded with the new V-Flex® technology** to be at the forefront of the market.

- ② **Excellent value for money**



ADVANTAGES OF THE HAYWARD® SUCTION CLEANER RANGE

A range that is universally acknowledged for its reliability

Cutting-edge turbine technology



PoolVac™ V-Flex®

Packed full of cutting-edge technology

- **Patented V-Flex® technology** features a flexible blade turbine that optimises pool cleaning and captures larger debris
- **The exclusive AquaPilot steering system** provides an optimised cleaning path to ensure complete pool coverage
- **Unique hydrodynamic design** allows the cleaner unhindered in-pool movement
- **Easy, tool-free installation**
- **Robotic cleaner ideal for use with a Hayward® variable-speed pump:** the cleaner operates at low speed to preserve the energy savings made by the variable-speed pump



AquaPilot automatic steering system for complete pool coverage. Its spiral motion prevents the cleaner from getting stuck.



Easy to install, use and maintain. Ready to use in less than 10 minutes and needs no tools to assemble.



Its wing design improves suction of all kinds of debris.



V-Flex® patented technology features a turbine with flexible blades to capture large debris.

V-Flex® Kit
Update older PoolVac® and Navigator® cleaners with the V-Flex™ kit
Concrete Ref: VVX3000SCKITWHE
Vinyl Ref: VVX3000SVKITWHE



Leaf canister



Vac Lock



Vacuum gauge and regulator valve

Accessories included

**POOLVAC™
V-FLEX®**

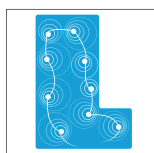
| Pool type | Hose length | Max. pool dimensions | Turbine | Steering system | Traction system | Item |
|----------------------------|-----------------------|----------------------|-----------------------------|------------------------------|-----------------|-----------|
| Concrete, vinyl, polyester | 12 m (12 x 1 m hoses) | 12 X 6 m | Patented V-Flex® Technology | AquaPilot automatic steering | Pads | HSC2025CE |

Manufacturer's recommendation: the use of a filtration pump (minimum 0.75 HP) is strongly advised

Navigator® V-Flex®

Equipped with the latest technology

- **V-Flex®**, patented moving blade turbine technology that optimises pool cleaning to capture larger debris
- **The exclusive SmartDrive steering system provides** an optimised cleaning path to ensure complete pool coverage
- **Unique hydrodynamic design** for unhindered in-pool movement
- **Easy, tool-free installation**
- **Robotic cleaner ideal for use with a Hayward® variable-speed pump:** the cleaner operates at low speed to preserve the energy savings made by the variable-speed pump



SmartDrive automatic steering system for complete pool coverage. Its spiral movement prevents it from getting stuck.



Easy to install, use and maintain. Ready to use in less than 10 minutes and needs no tools.



Its wing design improves suction of all kinds of debris.



V-Flex® Kit
Update older PoolVac® and Navigator cleaners with the V-Flex™ kit
Concrete Ref: VVX3000SCKITWHE
Vinyl Ref: VVX3000SVKITWHE

V-Flex® patented technology features a turbine with flexible blades to capture large debris.



Optional leaf canister



Vac Lock



Vacuum gauge and regulator valve

Accessories included

**NAVIGATOR®
V-FLEX®**

| Type of area | Hose length | Max. pool size | Turbine | Steering system | Traction system | Item |
|-------------------------------|--------------------------|----------------|-----------------------------|-------------------------------|-----------------|----------|
| Concrete, liner and polyester | 12 m (12 x 1 m hoses) | up to 12 x 6 m | V-Flex® patented technology | SmartDrive automatic steering | Pods | HSC925CE |

Manufacturer's recommendation: the use of a filtration pump (minimum 0.75 HP) is strongly advised



AquaNaut®* 250

5

A sound investment

- **Next-generation suction cleaner**
- Avoids obstacles thanks to the **high manoeuvrability of its patented wheels**
- **Optimised pool cleaning: V-Flex®** patented self-adjusting flexible turbine blades to capture large debris
- 3 interchangeable suction heads mean **maximised suction irrespective of flow**
- **New: leaf canister included as standard**



Narrow suction head
For better suction at a lower flow rate; use with a variable-speed pump set on low.

Medium suction head
For use with the majority of suction pumps.

Wide suction head
Optimises suction at a higher flow rate; use with a variable-speed pump set on high.



Suction head



Leaf canister



V Flex® patented technology features a turbine with flexible blades to capture large debris.

**AQUANAUT® 250
2-WHEEL**

| Pool surface | Hose length | Maximum pool size | Leaf canister | Item |
|-----------------------------------|-------------|-------------------|---------------|-------------|
| Concrete, vinyl, fibreglass, tile | 10 m | ≤ 5 m x 10 m* | Included | PHS22CSTELC |

* Manufacturer's recommendation: the use of a filter pump (minimum 0.75 HP) is strongly advised

Magic Clean / Penguin / Whaly

Playful designs

- Specially designed for above-ground or flat-bottomed pools
- SmartDrive® programming for **fast and efficient cleaning**
- Fitted with an **anti-friction bumper ring** allowing it to get as close as possible to the walls **without damaging the vinyl**
- **Easily installed in 10 minutes**
- Extremely **quiet**



MAGIC CLEAN



Exclusive SmartDrive® navigation system for a systematic cleaning of every square inch of your pool

Supplied with 9.6 m of hose



PENGUIN



WHALY

| | Description | Item |
|-------------|-------------|------|
| MAGIC CLEAN | Magic Clean | 500E |
| PENGUIN | Penguin | 100E |
| WHALY | Whaly | 900E |

HEAT PUMPS

 102 > 112

Why should I install a heat pump?

Acquiring a heat pump to heat your pool water allows you to enjoy your pool for a greater part of the year, regardless of the weather.

Hayward® heat pumps ensure a gradual rise in temperature and optimum heat preservation: energy consumption is kept to a strict minimum.



NF certified:

A voluntary certification that guarantees quality from manufacture to after-sales service, performance levels and durability of products. Hayward® is committed to this quality approach in order to improve customer satisfaction.





HEAT PUMPS



| | |
|--|-------|
| FULL INVERTER TECHNOLOGY | P 104 |
| ENERGYLINE PRO | P 106 |
| ENERGYLINE PRO ALL-SEASON / ALL-SEASON LARGE POOLS | P 107 |
| ENERGYLINE PRO <i>i</i> | P 108 |
| EASY TEMP® | P 110 |
| EASY TEMP® <i>i</i> | P 111 |
| SUMHEAT | P 112 |

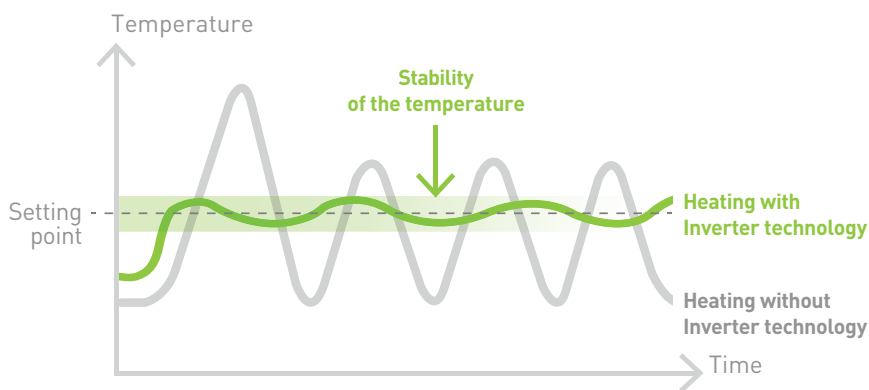
HAYWARD® IN-TECH FULL INVERTER TECHNOLOGY

What is IN-Tech?

IN-Tech is the combination of a high-performance **CPS Mitsubishi or Highly Inverter compressor, and a DC technology Inverter fan.**

This combination allows precise regulation and adjustment of power levels as weather conditions and the energy requirements of the pool change. The power adjustment is continuous and is not restricted to 2 or 3 power levels such as the step converter.

A rapid rise in temperature is obtained, along with precise and economical stability of the temperature throughout the season, with up to **30%** energy savings in comparison to a on / off heat pump.



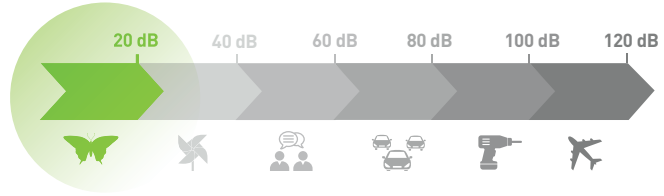
ADVANTAGES OF THE HAYWARD® PUMP RANGE

Hayward®'s new range of heat pumps takes advantage of latest-generation electronic components that increase efficiency, reduce energy consumption and extend the lifetime of installations.

Hayward® IN-Tech Full Inverter technology is included throughout the range.

① **Silent**

In Inverter technology, the components (compressor and fan) function at very low speeds when the temperature is held stable, **which reduces the sound level to air movement only (around 20dB).**



② **R32 : new high-performing refrigerant fluid**

Hayward® is introducing a new refrigerant fluid: **R32**. Compared to R410A, it:

- **Reduces** greenhouse gas emissions by **60%**
- Allows **reduction** by 10% of the quantity of gas per kW
- Can be **recycled** easily and is user-friendly
- Has **zero impact** on the ozone layer



③ **High-tech controllers**

The high performance of Hayward® heat pumps is linked to the high-tech nature of the control modules.

2 intelligent touch-sensitive controllers are included in the range, allowing:

- **Precise** temperature stability to 0.1°C and 0.5°C
- **Monitoring** of temperature **data**, energy consumption over a period of 60 days
- **Remote diagnostic** assessment in the event of an operational hitch or malfunction



④ **New Smart Temp Inverter module**

All Hayward® Inverter Heat Pumps can be **managed remotely** thanks to the **Smart temp Inverter WiFi module**, which comes as an option in the EasyTemp range, and as standard in the EnergyLine Pro range. The module can be managed via a smart phone by downloading the Hayward Smart Temp Inverter application on Google Play or in the App Store.

The new application allows you to monitor your Heat Pump precisely, by means of **a user-friendly control interface.**



EnergyLine Pro

2 TOTALLY PARTNER **+2**

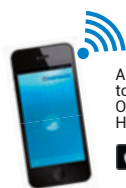
Efficient, the certified benchmark

- **A new design**
- **NF-414 certified**
- **Reversible**, for pool heating and cooling with heating priority
- **Active defrost system** for use at temperatures **as low as -5°C**
- **Ultra-quiet** compressor
- Touch screen for **easy setting**
- **Compatible** with all types of water treatment, including **salt chlorination**
- Optional: **Remote-control Smart Temp®** module



WHILE STOCKS LAST

Visit the pro tools section on the heat pump configuration page in the Professional area of the Hayward® web site at: <http://pro.hayward.fr/en/>



A connected product, thanks to the Smart Temp® Wifi module
Optional:
HWX95005010014



19 cm touch screen for easier accessibility



Simplified electrical connection

EXPERT LINE

ENERGYLINE PRO

| Description | Unit | ENP2MSCA | ENP3MSCA | ENP4MSCA | ENP4TSCA | ENP5MSCA | ENP5TSCA |
|--|-------------------|---------------|----------|--------------|-------------|------------|--------------|
| NF-414 certification | - | | | | | | |
| Heating capacity* | kW | 8 | 11 | 12,6 | 12,5 | 15 | 14 |
| Input power* | kW | 1.79 | 2.53 | 2.57 | 2.91 | 3.44 | 3.27 |
| Power supply | V | 230V~50 Hz | | | 400VN~50 Hz | 230V~50 Hz | 400V3N~50 Hz |
| Defrosting mode | - | Reverse cycle | | | | | |
| Compressor Type | - | Rotary | | | Scroll | | |
| Number of fans | - | 1 | | | | | |
| Fan input power | Watt | 120 | 150 | | | | |
| Rotation speed of fan | RPM | 850 | 820 | 850 | | | |
| Fan direction | - | Horizontal | | | | | |
| Power noise level | dB(A) | 68 | | 70 | 68 | | 71 |
| Pressure noise level (at 10 m) Lp _A | dB(A) | 39 | | 42 | 39 | | 42 |
| Water connection | mm | 50 | | | | | |
| Nominal water flow* | m ³ /h | 3.4 | 4.8 | 5.5 | 5.1 | 6.5 | 5.9 |
| Water pressure drop (max)* | kPa | 6 | 4 | 6 | | 7 | |
| Unit dimensions (l/w/h) | mm | 1025/455/660 | | 1140/470/875 | | | |
| EER certification | kg | 4.5 | 4.3 | 4.9 | 4.3 | 4.4 | 4.3 |
| Coolant | - | R410A | | | | | |
| Winter cover | - | Yes | | | | | |
| Heating priority function | - | Yes | | | | | |

* Performance NF EN 14511, included in NF-414 certification standard. Dry air 15°C – Relative humidity 71% – Air intake temperature 26°C

EnergyLine Pro All-Season / All-Season - Large Pools

YEARS OF WARRANTY

2 TOTALLY PARTNER **+2**

The heating solution, whatever the season

- **A new design***
- **Three NF-414 certified models**
- **Specially designed** for use in all seasons, in extreme conditions at temperatures **as low as -12°C**
- **The Inverter blower adjusts its rotation speed** according to the external conditions and operates on idle to provide a **super-silent night mode**
- **Automatic defrost** by cycle reversal
- **Reversible, automatic** function for pool heating and cooling with heating priority
- **19 cm touch screen** for easier accessibility
- **Electronic soft start function**
- **Remote-Control Smart Temp** module **included as standard**
- Ideal for **indoor pools** and/or **cold regions**



EXPERT LINE



A connected product, thanks to the Smart Temp® Wifi module



19 cm touchscreen for easier control



Simplified electrical connection



Visit the pro tools section on the heat pump configuration page in the Professional area of the Hayward® web site at: <http://pro.hayward.fr/en/>

ENERGYLINE PRO ALL-SEASON

| Description | Unit | ENP5MAS** | ENP6MASCA | ENP6TASCA | ENP7TASCA | ENP8TAS** | ENP9TAS** | ENP10TAS* | |
|--|-------------------|----------------|---------------|-----------|----------------|---------------|----------------|---------------|----|
| NF-414 certification | - | In process | | | | In process | In process | In process | |
| Heating capacity | kW | 14.80 | 17.8 | 18.2 | 23.4 | 24.6 | 30.5 | 36 | |
| Input power | kW | 3.01 | 3.7 | 3.7 | 5.15 | 5 | 6.1 | 6.5 | |
| Current | A | 14.5 | 16.2 | 7.7 | 9.7 | 9.8 | 11.6 | 13.3 | |
| Power supply | V | 230V~/1N/50 Hz | | | 400V~/3N/50 Hz | | 400V~/3N/50 Hz | | |
| Defrosting mode | - | Reverse cycle | | | | Reverse cycle | | | |
| Compressor | - | Scroll | | | | Scroll | | | |
| Number of fans | - | 1 | 2 | 2 | 2 | 2 | | | |
| Rotation speed of fan | RPM | 790 | 820 | 899 | 925 | 890 | 895 | 600 à 1060 | |
| Fan Direction | - | Horizontal | | | | Horizontal | | | |
| Power noise level | dB(A) | 72 | 73 | | 75 | 74 | 75 | 72.5 | |
| Pressure noise level (at 10 m) Lp _A | dB | 41 | 45 | | 47 | 43 | 44 | 41 | |
| Water connection | mm | 50 | | | | 50 | 50 | 63 | |
| Nominal water flow* | m ³ /h | 5.5 | 6.6 | 6.6 | 8 | 9.3 | 11.5 | 13.5 | |
| Water pressure drop (max)* | kPa | 7 | | | | 18 | 11 | 16 | 14 |
| Unit dimensions (l/w/h) | mm | 1165/470/864 | 1138/470/1264 | | | 1360/470/1280 | | 1482/485/1480 | |
| EER certification | - | 4.9 | 4.8 | 4.9 | 4.6 | 4.8 | 5.1 | 5.5 | |
| Coolant | - | R410A/2.0 | R410A/2.3 | | R410A/2.8 | R410A/2.5 | R410A/3.0 | R410a | |
| Winter cover | - | Yes | | | | Yes | | | |
| Heating priority function | - | Yes | | | | Yes | | | |
| Smart temp® | - | Yes | | | | Yes | | | |

* Performance as per French standard NF EN 14511, included in NF-414 certification standard. Dry air 15°C - Relative humidity 71% - Air intake temperature 26°C
 ** These three new items are currently being tested

* The design change only affects the heat pump models that are NF certified

EnergyLine Pro *i*

The new generation of heat pumps for pools

- **The IN-Tech Technology Full Inverter** is the combination of an Inverter CPS Mitsubishi compressor and a DC inverter fan
- **Smart Temp® included**
- This allows to adapt **its power to the climatic constraints and energy requirements of the pool. In regulation mode, up to 30% energy savings**
- **Self-adaptive defrost system** to optimise defrost cycles.
- Operates on idle for a very quiet night mode
- **Real-time information shown** on a wide control screen (diagnostic tool for professionals)
- Six references available up to: **- 12 °C / COP > 5* / 140 m³**

* Air 27°C and water 26°C



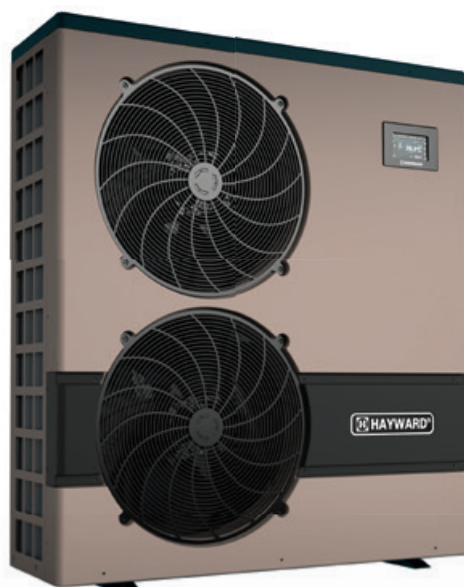
EXPERT LINE



Simplified electrical connection



New intuitive, highly informative user interface



NEW FLUID R32** Higher performance

- **Reduces** greenhouse gas emissions **by 2/3**
- **10% less** fluid
- **Easy** to use and to recycle
- **No impact** on the ozone layer

SMART TEMP®

Module can be used with a smartphone, tablet or PC to view the main information and change the temperature, operating times and operating mode parameters in real time. **Wifi module included**



**Only on ENPI4M and ENPI6M

| Description | Unit | ENPI4M | ENPI6M | ENPI7M | ENPI9M | ENPI11M | ENPI13T | |
|--|-------------------|---------------------------|-------------|-------------|--------------|-------------|---------------------|--|
| Power supply | | 220V-240V ~/1ph/50Hz | | | | | 380V-415V ~/3N/50Hz | |
| Refrigerant fluid | / | R32 | | | R410A | | | |
| Global warming potential | / | 675 | | | 2088 | | | |
| Mass of refrigerant | kg | 0,50 | 0,65 | 1,10 | 1,30 | 1,50 | 2,10 | |
| Mass in tCO ₂ eq | / | 0,34 | 0,44 | 2,30 | 2,71 | 3,13 | 4,38 | |
| Heating capacity range ⁽¹⁾ Air 27 °C - RH 78% - Water 26 °C | kW | 2,50--9,73 | 3,20--11,9 | 4,15--16,6 | 4,80--20,50 | 6,58--23,91 | 10,05--30,00 | |
| Electrical power input ⁽¹⁾ | kW | 0,20--1,34 | 0,28--1,68 | 0,31--3,12 | 0,40--3,94 | 0,67--4,73 | 0,83--5,61 | |
| Input current ⁽¹⁾ | A | 1,33--6,02 | 1,34--7,32 | 1,48--13,48 | 1,83--17,25 | 3,20--20,69 | 1,37--8,50 | |
| COP ⁽¹⁾ | / | 12,32--7,12 | 11,51--7,10 | 13,39--5,32 | 12,00--5,20 | 9,83--5,10 | 12,11--5,33 | |
| Average heating capacity ⁽¹⁾ Air 27 °C - Hr 78% - Water 26 °C | kW | 6,01 | 8,4 | 12,1 | 16,90 | 20,80 | 24,32 | |
| COP ⁽¹⁾ | / | 8,91 | 8,52 | 7,59 | 6,70 | 6,03 | 5,68 | |
| Heating capacity range ⁽²⁾ Air 15 °C - Hr 71% - Water 26 °C | kW | 1,71--7,60 | 2,70--9,70 | 3,13--12,75 | 6,25--16,80 | 6,60--18,52 | 7,06--22,40 | |
| Electrical power input ⁽²⁾ | kW | 0,27--1,49 | 0,44--1,88 | 0,44--2,79 | 0,95--3,64 | 1,07--4,54 | 0,707--5,21 | |
| COP ⁽²⁾ | / | 6,40--5,1 | 6,10--5,55 | 7,12--4,57 | 6,57--4,41 | 6,15--4,08 | 9,99--4,29 | |
| Average heating capacity ⁽²⁾ Air 15 °C - Hr 71% - Water 26 °C | kW | 4,54 | 6,54 | 9,84 | 12,36 | 14,17 | 15,99 | |
| COP ⁽²⁾ | / | 5,87 | 5,75 | 5,25 | 4,98 | 4,68 | 4,55 | |
| Nominal flow rate | m ³ /h | 4,20 | 5,10 | 5,30 | 6,70 | 8,00 | 9,50 | |
| Hydraulic connection supplied | mm | 50 | 50 | 50 | 50 | 50 | 50 | |
| Hydraulic head loss | kPa | 3,3 | 4,5 | 2,6 | 8,0 | 3,90 | 5,00 | |
| Sound pressure level @1m | dB(A) | 33--41 | 33-41 | 44-53 | 45--56 | 46--57 | 48--58 | |
| Sound pressure level @10m | dB(A) | 16--25 | 16--25 | 27--36 | 28--39 | 29--40 | 31--41 | |
| Type of fan | / | DC inverter | | | | | | |
| Number of fans | / | 1 | | | 2 | | 2 | |
| Fan Speed | rpm | 500--700 | 500--650 | 600--750 | 600--900 | 400--800 | 400--900 | |
| Silent Mode Fan Speed | rpm | 300 | 400 | 500 | 500 | 500 | 450 | |
| Type of compressor | / | DC Inverter Mitsubishi | | | | | | |
| Reversible heat pump | / | Yes | | | | | | |
| Defrost mode | / | By cycle inversion | | | | | | |
| Silent mode | / | Yes | | | | | | |
| Winter cover | / | Provided | | | | | | |
| Heating priority function | / | Yes | | | | | | |
| Anti-vibration pads | / | Provided | | | | | | |
| User control box | / | 12,5 cm color touchscreen | | | | | | |
| Net dimensions of entire unit | mm | 1046/400/768 | | | 1150/485/868 | | 1150/485/1275 | |
| Weight | kg | 53 | 65 | 77 | 82 | 110 | 113 | |
| Recommended pool volume* | m ³ | 40 | 50 | 70 | 95 | 120 | 140 | |

* Recommended volume for a pool equipped with a heat retention cover during use from May to September.

ENERGYLINE
PRO i

Easy Temp®

Unparalleled value for money

- **Reversible** heat pump **with heating priority**
- Available in **7 versions** (5 single-phase and 2 three-phase)
- **Compatible** with all types of water treatment, including **salt chlorination**
- **Low noise level** thanks to its ultra-quiet compressor
- Ideal for **small and medium-sized pools**



WHILE STOCKS LAST

Visit the pro tools section on the heat pump configuration page in the Professional area of our web site: <http://pro.hayward.fr/en/>



Winter cover included



Electronic control board for easy use

| Description | Unit | ECP06N | ECP08N | ECP11N | ECP13N | ECP13TN | ECP15N | ECP15TN |
|---------------------------------------|---------|---------------------|--------------|--------|--------------|---------|-----------|-----------|
| Capacité calorifique* | kW | 5,5 kW | 8 kW | 11 kW | 13,5 kW | 13,8 kW | 15,2 kW | 15,5 kW |
| Capacité calorifique** | | 4,2 kW | 6,1 kW | 8,8 kW | 10,4 kW | 10,8 kW | 12,3 kW | 12,8 kW |
| Puissance électrique absorbée | kW | 1,17 | 1,8 | 2,43 | 3 | 2,9 | 3,13 | 3,1 |
| Intensité absorbée | A | 5,19 | 7,91 | 11,81 | 14,5 | 5,5 | 16 | 5,9 |
| Alimentation électrique | V/Ph/Hz | 230~/1/50 | | | 400~/3/50 | | 230~/1/50 | 400~/3/50 |
| Mode de dégivrage | | Par inversion cycle | | | | | | |
| Type de compresseurs | | Rotatif | | | Scroll | | | |
| Nombre de ventilateurs | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Puissance du ventilateur | Watt | 50 | 120 | 120 | 120 | 120 | 120 | 120 |
| Vitesse de rotation du ventilateur | RPM | 770 | 850 | 850 | 850 | 850 | 850 | 850 |
| Direction du ventilateur | | Horizontale | | | | | | |
| Pression acoustique (à 1 m) LpA | dB | 47 | 51 | 54 | 56 | 56 | 56 | 56 |
| Pression acoustique (à 10 m) LpA | dB | 29,2 | 33,2 | 37,2 | 37,3 | 37,3 | 37,3 | 37,3 |
| Raccordement hydraulique | mm | 50 | | | | | | |
| Débit d'eau nominal* | m³/h | 2,3 | 3,0 | 4,5 | 5,3 | 4,7 | 6,6 | 5 |
| Perte de charge sur l'eau | kPa | 5,4 | 8,9 | 19,20 | 5,2 | 4,3 | 40 | 4,3 |
| Dimensions de l'unité (L/I/H) | mm | 860/400/529 | 1006/440/648 | | 1114/470/866 | | | |
| Poids net / poids de l'unité emballée | kg | 45/56 | 54/68 | 60/74 | 95/115 | 93/111 | 117/128 | 92/110 |
| COP (@*) | kg | 4,7 | 44,4 | 4,5 | 4,5 | 4,5 | 4,8 | 4,8 |
| COP (@**) | | 3,8 | 3,7 | 3,9 | 3,8 | 3,8 | 3,9 | 3,9 |
| Réfrigérant | | R410A | | | | | | |
| Couverture d'Hivernage | | Oui | | | | | | |

*Air sec 24 ° C / HR 63% Entrée d'eau 27 ° C
 **Air sec 15°C / HR 71% Entrée d'eau 26°/28° C

EASYTEMP®

Easy Temp[®] i

The "Full Inverter" technology within reach

- **The IN-Tech Technology, 100% Inverter** for high performance
- **Rapid rise and precise stability of the wished temperature**
- **Intuitive** usage like a smartphone, readable LED screen
- **Quietness:** +/-20 dB in regulation mode
- Remote control with the Smart Temp[®] as an option
- Available in 5 models up to : **-7°C / COP > 5^{*} / 75 m³**

* Air 27°C and water 26°C



LED Touch screen



Inverter Smart Temp[®]



| Description | Unit | ECPI15MA | ECPI20MA | ECPI30MA | ECPI40MA |
|---|-------------------|------------------------------------|--------------|--------------|---------------------------|
| Power supply | | 220V-240V ~/1ph/50Hz | | | |
| Refrigerant fluid | / | R32 | | | |
| Global warming potential | / | 675 | | | |
| Mass of refrigerant | kg | 0,350 | 0,430 | 0,480 | 0,65 |
| Mass in tCO ₂ eq | / | 0,236 | 0,290 | 0,324 | 0,440 |
| Heating capacity range⁽¹⁾ Air 27 °C - RH 78% - Water 26 °C | kW | 1,62- -7,33 | 2,18- -8,97 | 1,97- -11,66 | 2,85- -17,06 |
| Electrical power input ⁽¹⁾ | kW | 0,15- -1,17 | 0,17- -1,54 | 0,16- -1,99 | 0,26- -3,13 |
| Input current ⁽¹⁾ | A | 1,15- -5,32 | 1,27- -6,91 | 1,08- -8,96 | 1,41- -13,69 |
| COP ⁽¹⁾ | / | 11,04- -6,30 | 12,77- -5,81 | 12,57- -5,84 | 11,08- -5,45 |
| Average heating capacity⁽¹⁾ Air 27 °C - Hr 78% - Water 26 °C | kW | 5,50 | 6,02 | 6,34 | 9,95 |
| COP ⁽¹⁾ | / | 8,02 | 8,61 | 8,79 | 8,00 |
| Heating capacity range⁽²⁾ Air 15 °C - Hr 71% - Water 26 °C | kW | 1,44- -5,36 | 1,58- -6,94 | 1,79- -8,62 | 2,74- -13,08 |
| Electrical power input ⁽²⁾ | kW | 0,24- -1,14 | 0,27- -1,53 | 0,290- -1,90 | 0,428- -2,97 |
| COP ⁽²⁾ | / | 5,98- -4,69 | 5,82- -4,53 | 6,17- -4,52 | 6,40- -4,40 |
| Average heating capacity⁽²⁾ Air 15 °C - Hr 71% - Water 26 °C | kW | 3,72 | 4,62 | 4,90 | 7,40 |
| COP ⁽²⁾ | / | 5,23 | 5,51 | 6,01 | 5,87 |
| Nominal flow rate | m ³ /h | 3,10 | 3,80 | 4,90 | 7,30 |
| Hydraulic connection supplied | mm | 50 | 50 | 50 | 50 |
| Hydraulic head loss | kPa | 2,3 | 2,9 | 6,4 | 6,7 |
| Sound pressure level @1m | dB(A) | 35 | 43 | 43 | 46 |
| Sound pressure level @10m | dB(A) | 18 | 25 | 25 | 29 |
| Type of fan | | DC inverter | | | |
| Number of fans | | 1 | | | |
| Type of compressor | | Mitsubishi TWIN ROTARY DC Inverter | | | Highly ROTARY DC Inverter |
| Reversible heat pump | | Yes | | | |
| Defrost mode | | Reverse cycle | | | |
| Silent mode | | Yes | | | |
| Winter cover | | Provided | | | |
| Heating priority function | | Yes | | | |
| Anti-vibration pads | | Provided | | | |
| User control box | | Led One touch 2,75" | | | |
| Net dimensions of entire unit | mm | 1040X425X615 | | | 1130X460X780 |
| Weight | kg | 42 | 45 | 46 | 60 |
| Recommended pool volume* | m ³ | 25 | 35 | 50 | 70 |
| Smart Temp | | In option - Réf HWX84300008 | | | |

* Recommended volume for a pool equipped with a heat retention cover during use from May to September.

EASY TEMP[®] i

SumHeat

Top of the range, for optimum comfort and ease of use

- **Electronic temperature control**
- Efficient **vertical design**
- **Anti-corrosion, UV-resistant and attractive thermoplastic resin case**
- Ideal for **large pools**



Visit the pro tools section on the heat pump configuration page in the Professional area of our web site: <http://pro.hayward.fr/en/>



Handles



Connectors



High-efficiency Scroll compressor



SUMHEAT

| Description | SHE1901 | SHE1903 | SHE2403 | SHE3003 |
|---|----------------------------|----------------------------|----------------------------|----------------------------|
| (Pool temperature) 27°C - COP ⁽¹⁾⁽³⁾ | 19.5 kW - 5.8 | 19 kW - 5.6 | 24 kW - 5.3 | 29 kW - 5.4 |
| (Pool temperature) 26°C - COP ⁽³⁾ | 15.4 kW - 4.5 | 14.3 kW - 4.3 | 18.8 kW - 4.2 | 23.2 kW - 4.3 |
| (Pool temperature) 15°C - COP ⁽³⁾ | 12.3 kW - 4.6 | 11.4 kW - 4.5 | 14.9 kW - 4.3 | 18.7 kW - 4.1 |
| Voltage Hz/Ph | 230 V~/ 1 Ph / 50 Hz | 400 V~/ 3 Ph / 50 Hz | 400 V~/ 3 Ph / 50 Hz | 400 V~/ 3 Ph / 50 Hz |
| Power supply ⁽¹⁾⁽²⁾ wattage | 3 406 | 3 355 | 4 473 | 5 350 |
| Running Amperage ⁽²⁾ A | 13.3 | 5.3 | 7 | 11.6 |
| Required circuit breaker (mA) | 20 | 10 | 10 | 16 |
| Compressor type | Scroll | Scroll | Scroll | Scroll |
| Gas type | R407C | R407C | R407C | R410A |
| Heat exchanger | Titanium/PVC | Titanium/PVC | Titanium/PVC | Titanium/PVC |
| Heating range (°C) | 15°C / 35°C | 15°C / 35°C | 15°C / 35°C | 15°C / 35°C |
| Plumbing connection (mm) | 63 mm | 63 mm | 63 mm | 63 mm |
| Flow rate range m ³ /h | 3.5 to 23 | 3.5 to 23 | 3.5 to 23 | 3.5 to 23 |
| Nominal flow rate range m ³ /h | 8 | 8 | 10 | 12 |
| Dimensions (mm) | H: 940 L: 762 P: 864 | H: 940 L: 762 P: 864 | H: 940 L: 762 P: 864 | H: 940 L: 762 P: 864 |
| Weight (kg) | 86 | 86 | 98 | 121 |
| Exclusive noise reducing ventilation | Yes | Yes | Yes | Yes |
| Electronic self starter | Yes | No | No | No |
| Wintering cover | Yes | Yes | Yes | Yes |
| Heating priority function | Yes | Yes | Yes | Yes |

⁽¹⁾ Power Supply announced subjected to the test conditions of line 1 (Air 27°C - RH 80% - Pool Temperature 27°C)

⁽²⁾ Power supply and Running amperage are +/- 10%

⁽³⁾ Powers are indicated at nominal flow rate RH% (Relative Humidity)

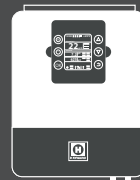
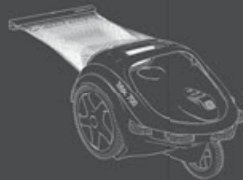
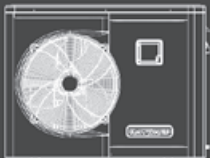
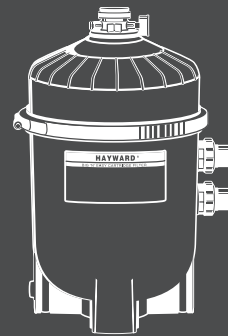
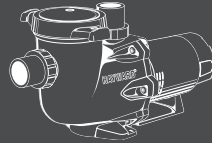
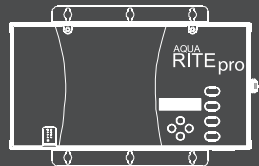




HAYWARD®

WARRANTIES / GENERAL SALES CONDITIONS

2019



LEGAL WARRANTIES

All our products are guaranteed against manufacturing defects for two years from the date of invoice.

COMMERCIAL WARRANTIES

Hayward® offers up to 3 years extended warranty: 1 or 2 years when buying your product in a Totally Hayward® partner +1 year by registering online with the form at www.hayward-pool.co.uk, in the 'SERVICES' area.

Refer to the chart below to see the additional warranty extensions from which you can benefit. You are reminded that this is a non-contractual document.

| Product | Standard initial warranty | If you buy from a Totally Hayward® Partner | If you register your product online | Maximum possible warranty |
|--|--|--|-------------------------------------|--|
| Pumps & Boxes | | | | |
| TriStar® VSTD | 2 years | + 2 years | + 1 year | 5 years |
| TriStar® | 2 years | + 2 years | + 1 year | 5 years |
| RSII® VSTD | 2 years | + 1 year | + 1 year | 4 years |
| RSII® DI | 2 years | + 1 year | + 1 year | 4 years |
| K-FLO VSTD | 2 years | - | + 1 year | 3 years |
| K-FLO | 2 years | - | + 1 year | 3 years |
| Super Pump® VSTD | 2 years | + 1 year | + 1 year | 4 years |
| Super Pump® Pro | 2 years | + 1 year | + 1 year | 4 years |
| MaxFlo XL™ VSTD | 2 years | + 1 year | + 1 year | 4 years |
| MaxFlo XL™ | 2 years | + 1 year | + 1 year | 4 years |
| Booster Pump | 2 years | - | + 1 year | 3 years |
| PowerFlo® II | 2 years | - | + 1 year | 3 years |
| H-Power | 2 years | - | - | 2 years |
| H-Power Connect | 2 years | - | - | 2 years |
| Filters | | | | |
| SwimClear™ / Mono Element | Tank : 10 years Equipment : 5 years | Equipment + 1 year | - | Tank: 10 years Equipment: 6 years |
| Pro Grid | Tank : 10 years Valve & equipment : 5 years | - | - | Tank : 10 years Valve & Equipment : 5 years |
| Barcelona | Tank : 5 years Equipment : 2 years | - | - | Tank : 5 years Equipment : 2 years |
| ProSeries™ HL BTL Side | | - | - | |
| ProSeries™ HL TL Side | | - | - | |
| ProSeries™ HI Side et Top | | - | - | |
| ProSeries™ HL Side | | - | - | |
| ProSeries™ HB Side et Top | | - | - | |
| Filtration units | 5 years (complete filter) 2 years (pump) | - | + 1 year (pump) | Filter : 5 years Pump : 3 years |
| StarClear & StarClear Plus | 5 years : complete filter | - | - | 5 years : complete filter |
| Filter valves | 2 years | - | - | 2 years |
| Lighting | | | | |
| ColorLogic® II & CrystaLogic® | 2 years | + 1 year | - | 3 years |
| 300 W halogen lightS | 2 years | - | - | 2 years |
| White goods | | | | |
| Skimmers | 2 years | - | - | 2 years |
| Main drain | 2 years | - | - | 2 years |
| Hydromassage | 2 years | - | - | 2 years |
| Turbo Jet | 2 years | - | - | 2 years |
| Water treatment | | | | |
| AquaRite® + | 2 years | + 1 year | - | 3 years |
| AquaRite® LT | 2 years | + 1 year | - | 3 years |
| AquaRite® Flo | 2 years | - | - | Aquarite® : 2 years Cell : 8000 hours |
| AquaRite® Flo Advanced | 2 years | + 1 year | - | Aquarite® : 3 years Cell : 8000 hours |
| Control Station | 2 years | + 1 year | - | 3 years |
| Control Station Panel | 2 years | - | - | 2 years |
| AquaRite® Pro | 2 years | + 1 year | - | 3 years |
| AquaRite® Pro LS | 2 years | + 1 year | - | 3 years |
| Salt & Swim 3C | 2 years | - | - | 2 years |
| EZ-Chem | 2 years | - | - | 2 years |
| Pool pH LT, Pool pH, Pool Rx & Pool Rx Socket | 2 years | - | - | 2 years |
| Chlorinators / Brominators | 2 years | - | - | 2 years |

| Product | Standard initial warranty | If you buy from a Totally Hayward® Partner | If you register your product online | Maximum possible warranty |
|-------------------------------|---------------------------|--|-------------------------------------|---------------------------|
| Cleaners | | | | |
| AquaVac® 6 Series | 2 years | + 1 year | - | 3 years |
| TigerShark® | 4 years | - | - | 4 years |
| TigerShark® QC | 4 years | - | - | 4 years |
| TigerShark® XL QC | 4 years | - | - | 4 years |
| SharkVAC XL™ Pilot | 2 years | + 1 year | + 1 year | 4 years |
| TriVac® 700 | 2 years | + 1 year | - | 3 years |
| TriVac® 500 | 2 years | - | - | 2 years |
| PoolVac™ V-Flex® | 5 years | - | - | 5 years |
| Navigator™ V-Flex® | 5 years | - | - | 5 years |
| AquaNaut® 250 | 5 years | - | - | 5 years |
| Magic Clean / Penguin / Whaly | 2 years | - | - | 2 years |
| Heat pumps | | | | |
| EnergyLine Pro | 2 years | + 2 years | - | 4 years |
| EnergyLine Pro all season | 2 years | + 2 years | - | 4 years |
| EnergyLine Pro | 2 years | + 2 years | - | 4 years |
| Easy Temp® | 2 years | + 1 year | - | 3 years |
| Easy Temp® | 2 years | + 1 year | - | 3 years |
| SumHeat | 2 years | - | - | 2 years |

WARRANTIES AND WEAR PARTS

List of wear parts by product line.

These wear parts are not covered by any warranty extensions, except in special cases.

| Product family | Wearing parts |
|---------------------------------------|--|
| Robotic cleaners | Drive tracks - Bearings - Wheels - Brushes and filters |
| Suction cleaners (PoolVac®) | Hoses - Shoes - Wings - Flaps - Bearings |
| Suction cleaners (Penguin - Whaly...) | Hoses - Shoes - Wings - Flaps - Bearings |
| Suction cleaners (Flappers...) | Hoses - Hammer - Diaphragm - Disc - Feet |
| Pressure cleaners (TriVac™ 700) | Mechanisms, Bearings, Tyres, Rear Debris Bag, Sweep hose |
| Heat Pumps | Gaskets - Capacitor |
| Salt electrolyzers | Probes + Cells* + Peristaltic pump membrane |
| Control Station | Probes + Peristaltic pump membrane |
| Brominators et Chlorinators | Gaskets |
| Pumps | Joints - Mechanical seal - Strainer basket - Capacitor - Bearing |
| Polyester sand filters (Tank) | Gaskets |
| Polyester sand filters (Valve) | Gaskets + Pressure gauge |
| Polyethylene sand filters (Tank) | Gaskets |
| Polyethylene sand filters (Valve) | Gaskets + Pressure gauge |
| Cartridge filters | Gaskets + Filter elements + Pressure gauge |
| D.E. filters (Tank) | Gaskets + Filter elements |
| D.E. filters (Valve) | Gaskets + Pressure gauge |
| LED lights | Bulb |
| Halogen lights | Bulb |
| Skimmers | Basket + Weir + Gaskets |
| Metal inserts | |
| Turbo Jet | Gaskets |

* Except LongLife cell - ref T-CELL®-15LL

GENERAL SALES CONDITIONS

ART.1/ NOTICE

With the aim of improving the quality of our products and of allowing you to benefit as quickly as possible from the fruits of our research and development initiatives, we reserve the right to modify the technical characteristics of our products at any time and without notice. The photos, drawings, and texts in our catalogues are therefore given for indication purposes only, and can in no case be considered as contractual. Any reproduction, even partial by any process whatever of pages of our catalogues, carried out without our prior and written consent, shall be unlawful and shall constitute an infringement.

ART.2/ OPPOSABILITY OF THE GENERAL CONDITIONS OF SALE

These general conditions of sale are systematically sent out or handed to each buyer so as to allow it to place its order. They are also shown in our catalogues. Consequently, the act of placing an order implies complete acceptance, without reservation, by the buyer of these General Conditions of Sale, to the exclusion of all other documents. No special condition may take precedence over our General Conditions of Sale unless formally agreed in writing by us beforehand. Any condition contrary to our General Conditions of Sale asserted by the buyer will therefore be non-invocable on us, irrespective of the time it will have been made known to us, unless expressly agreed.

ART.3/ ORDERS

Any order must be the subject of a written document and shall only become binding when it is confirmed by an acknowledgement of receipt of order from us. Any order sent to HAYWARD® POOL EUROPE by fax, e-mail or any other means of communication is a contractual commitment and cannot be modified or cancelled without prior agreement from HAYWARD® POOL EUROPE. Our prices are net, free of carriage and packing for any order for an amount above 5,000 Euros excluding VAT. Any order shipped for an amount less than 5,000 Euros excluding VAT and carriage will give rise to invoicing of a contractual fee of 100 Euros excluding VAT and of carriage costs on a flat fee depending the delivery location and the weight of the items shipped. Any order placed must include an accurate description, the product codes specified in our catalogues, the quantities and the requested delivery dates. Any modification to an order will not be taken into consideration unless it is received in writing 48 hours before the agreed dispatch date.

ART.4/ PRICES

The prices mentioned in our price lists or catalogues are always given for indication purposes, excluding taxes, for a product placed at the buyer's disposal at our delivery bays (ex-works or EXW). They are calculated from the price list in force on the day of acknowledging receipt of the order.

ART.5/ PAYMENT TERMS

ART. 5.1/ TERMS AND CONDITIONS

Payments shall be made under the following conditions to our registered office address: Payment on receipt of invoice either by signed and accepted draft, or by bank transfer, or by cheque or post office cheque for referenced clients. In case of sale outside metropolitan France, all orders must be paid for before dispatch or by irrevocable and confirmed letter of credit through a first class French bank. We do not grant any discount for early payment or cash payment.

ART. 5.2/ DEFAULT OR LATE PAYMENT

We reserve the right, in case of deterioration in the solvency of a client established on the basis of just data, to set a ceiling for its pending orders and/or to demand payment guarantees. After sending a simple registered letter with acknowledgement of receipt, we may suspend or cancel performance of orders in progress, refuse acceptance of new orders or demand payment in cash. In case of late payment, we may also suspend any pending deliveries, without prejudice. Any late payment will bring about the payability of all invoices not yet due for payment, without summons or other formality. In case of late payment, HAYWARD® POOL EUROPE, should it see fit, reserves the right to implement the resolutive clause. Any amount which is not paid on the due date which appears on the invoice shall give rise to the application of late penalties of an amount equal to the European Central Bank (ECB) rate in force plus 7 percentage points, which may not be less than 3 times the legal interest rate. A flat rate indemnity of 40 euros will be applied pursuant to Article L.441-6 of the French Commercial Code.

ART.6/ DELIVERIES

ART. 6.1/ TERMS AND CONDITIONS

The delivery shall be made either by direct handing-over of the product to the buyer (placing at the buyer's disposal at factory - EXW), or by delivery to a carrier at our premises (EXW), the carrier being organised by the client. Transport costs are to be paid by the buyer.

ART. 6.2/ DELIVERY TIME

Deliveries are only made according to availability, and in the order of receipt of orders. We shall be authorised to make global or partial deliveries. Delivery times are given for indication purposes. The exceeding of delivery times cannot give rise either to the payment of damages, or to deduction, or to cancellation of pending orders.

ART.7/ RECEIPT - COMPLAINTS

Unless otherwise approved by us in writing beforehand, our products shall always travel at the risk and peril of the recipient and/or its principal, from their delivery at our premises or from their handing-over to carrier. The recipient and/or its principal must carry out a quantitative and qualitative check of the products on receipt. Reservations specifying the type of damage that occurred during transportation must be made on the carrier's delivery slip and confirmed to the carrier by registered letter with acknowledgement of receipt (Art.L133-3 of the Code of Commercial law). Apparent defects affecting the products delivered must be alerted to HAYWARD® POOL EUROPE and the carrier, in writing within 48 hours of the delivery. In case we might later be asked for a copy of the signed delivery note, the production of such a document will be payable by the requesting party, at a contractual charge of 50 euros excluding VAT. In case the delivery note might establish absence of delivery or an incomplete delivery, no charge will be invoiced. Any request for a copy of delivery note made more than three months after the delivery date, will be refused, where our company considers that negligence exists on the part of the buyer because of a lack of control and/or inadequate control on receipt of our consignment. HAYWARD® POOL EUROPE can only accept returns of products, dispatched by it, with its prior written agreement, in their original packing, and in the condition in which they were delivered.

ART.8/ WARRANTY

All our products are guaranteed against manufacturing defects for two years from the date of invoice. Work carried out under the warranty cannot have the effect of extending the warranty period. Our guarantee only covers the replacement and repair of the faulty product, at the discretion of HAYWARD® POOL EUROPE, if the product has been used with due diligence, except if the replacement or repair seems impossible or disproportionate. No indemnity or damages can be claimed on any account whatever. This warranty shall only apply inasmuch as the invoices have been paid by their contractual due dates. HAYWARD® POOL EUROPE can not be held responsible for any direct or indirect damage resulting from the incorrect installation, connection or operation of a product. The warranty shall not apply for defects and deterioration caused by current wear and tear or by an external accident. We keep in inventory all Hayward® products spare parts during their sale and warranty.

ART.9/ RESERVATION OF OWNERSHIP

IRRESPECTIVE OF THE DELIVERY AND PAYMENT TERMS, WE RESERVE OWNERSHIP OF THE PRODUCTS UNTIL COMPLETE PAYMENT OF THEIR PRICE, where it is understood that our clients are responsible for all risks upon the products leaving our warehouses. > INDIVIDUALISATION OF THE GOODS The buyer shall be responsible for providing for the identification and individualisation of the goods, in avoiding that the goods are unpacked or merged into a mixed stock. In case of legal adjustment or liquidation subject to Court supervision, it undertakes to have the administrator, authorised agent or creditors' representative draw up a complete list of our goods. > CLAIM FOR RETURN In case of non-payment by the buyer and without loss of any of our rights, we will be able to demand, by registered letter with acknowledgement of receipt, the return of the goods at the cost and risk of the buyer. > LEGAL ADJUSTMENT AND LIQUIDATION SUBJECT TO COURT SUPERVISION The buyer undertakes to keep us informed of any change in its status, and in particular in case of declaration of insolvency.

ART.10/ DEDUCTIONS - OFFSETTING OF PAYMENTS

Unless agreed by us in writing beforehand, any deduction and/or offsetting is not allowed on any account.

ART.11/ IMPROPER PRICING

HAYWARD® POOL EUROPE will find itself obliged to suspend its deliveries to those of its clients who do not comply with legal stipulations in force and who, in particular, resell our products at a price below the effective purchase price.

ART.12/ RESOLUTIVE CONDITION AND PENALTY CLAUSE

In case of breach by the client of any of its obligations, in particular relating to payment, we reserve the right to cancel the sale, by right, without giving prior formal notice and without prejudice to any damages that we consider being able to claim. The cancellation will apply not only to the order in question but also to prior unpaid orders, irrespective of whether they might be delivered or pending delivery, and of whether or not the payment thereof is due. In case, without cancelling the sale, we might require our client to perform its obligations properly, a fixed contractual indemnity of 10% of the sum, with a minimum of 100 euros excluding VAT, will be added to any invoice collected by the legal department on account of penalty clause, that cannot be reduced, in the meaning of article 1229 of the Civil Code.

ART.13/ JURISDICTION

All disputes ensuing from this contract will be subject to french Law and to the competence of the court of first instance of Bourg en bresse (commercial cases), even in case of more than One defendant or implication of third parties.

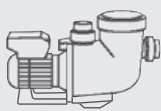
Your peace of mind is our top priority



SINCE 1964

POOL EQUIPMENT CHAMPION

We continuously advance our global industry leadership by delivering the most comprehensive portfolio of best in class pool equipment products.



PUMPS



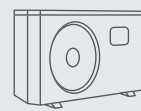
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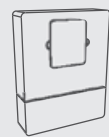
LIGHTS



CLEANERS



HEAT PUMPS



WATER TREATMENT

INVESTED PARTNER DEDICATED TO ITS CUSTOMERS

We empower exceptional pool experiences by designing user-centric solutions that dealers and owners can rely on to make pool enjoyment simple and easy.



HAYWARD®

www.hayward-pool.co.uk





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