

FILTREAU™

NEXT
GENERATION
UV-C
purification





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FILTREAU™ UVC POOL BASIC



The Filtreau UV-C Pool Basic ensures crystal-clear water.

The sophisticated design and high quality materials produce high UV-C radiation with a wavelength of precisely 253.7nm. This high level of radiation kills almost all bacteria, viruses and even fungi, providing clear and clean water. As a result, the level of added chemicals (e.g. chlorine) can be reduced drastically.

Due to the extra-wide SS316 housing, the water stays in contact with the UV-C radiation for an extra-long time. This broad housing also ensures that there is minimal pressure loss during the water treatment. The reactor is polished on the inside to minimize the chance of any dirt sticking to the walls. Overall, this increases the effectiveness of the UV-C radiation 35%.



TYPES

- Filtreau UV-C Pool Basic 16W
- Filtreau UV-C Pool Basic 40W
- Filtreau UV-C Pool Basic 80W

PHILIPS

UVC Technology
Water disinfection



**Naturally clean water
for swimming pools**

ADVANTAGES

- Made in The Netherlands.
- Perfectly matched electronic ballast and UV-C lamp.
- Extra-large SS316L reactor, for longer contact time.
- Polished interior results in 35% more UV-C radiation.
- Bottom outlet, for easy installation.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.

FILTREAU™ UVC SELECT



The Filtreau UV-C Select ensures crystal-clear water.

The sophisticated design and high quality materials produce high UV-C radiation with a wavelength of precisely 253.7nm. This high level of radiation kills almost all bacteria, viruses and even fungi, providing clear and clean water. As a result, the level of added chemicals (e.g. chlorine) can be reduced drastically.

Due to the extra-wide SS316 housing, the water stays in contact with the UV-C radiation for an extra-long time. This broad housing also ensures that there is minimal pressure loss during the water treatment. The reactor is polished on the inside to minimize the chance of any dirt sticking to the walls. Overall, this increases the effectiveness of the UV-C radiation 35%.

The intelligent electronics indicates when the lamp is not producing enough radiation and needs to be changed. Your device will always be working perfectly!

TYPES

- Filtreau UV-C Select 40W / 40m3
- Filtreau UV-C Select 80W 80m3
- Filtreau UV-C Select 120W Amalgam / 120m3



**Naturally clean water
for swimming pools**

ADVANTAGES

- Made in The Netherlands.
- LED indication when the lamp needs replacing.
- Extreme high-output UV-C lamp incl. long-life technology (12.000 Hours).
- Perfectly matched electronic ballast and UV-C lamp.
- Extra-large SS316L reactor, for longer contact time.
- Polished interior results in 35% more UV-C radiation.
- Bottom outlet, for easy installation.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.

FILTREAU™ UVC TITAN



The Filtreau UV-C Titan ensures crystal-clear water.

The sophisticated design and high quality materials produce high UV-C radiation with a wavelength of precisely 253.7nm. This high level of radiation kills almost all bacteria, viruses and even fungi, providing clear and clean water. As a result, the level of added chemicals (e.g. chlorine) can be reduced drastically.

Due to the extra-wide DUPLEX housing, the water stays in contact with the UV-C radiation for an extra-long time. This broad housing also ensures that there is minimal pressure loss during the water treatment. The reactor is polished on the inside to minimize the chance of any dirt sticking to the walls. Overall, this increases the effectiveness of the UV-C radiation 35%.

The Filtreau UV-C Titan is especially developed for saltwater pools. Thanks to the DUPLEX reactor, the salt has absolutely no corrosive influence.

The intelligent electronics indicates when the lamp is not producing enough radiation and needs to be changed. Your device will always be working perfectly!

TYPES

- Filtreau UV-C Titan 40W / 40m3
- Filtreau UV-C Titan 80W / 80m3
- Filtreau UV-C Titan 120W Amalgam / 120m3



**Naturally clean water
for swimming pools**
Saltwater resistant

ADVANTAGES

- Made in The Netherlands.
- Especially developed for saltwater pools.
- LED indication when the lamp needs replacing.
- Extreme high-output UV-C lamp incl. long-life technology (12.000 Hours).
- Perfectly matched electronic ballast and UV-C lamp.
- Extra-large DUPLEX reactor, for longer contact time.
- Polished interior results in 35% more UV-C radiation.
- Bottom outlet, for easy installation.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.

FILTREAU™ UVC SLIM

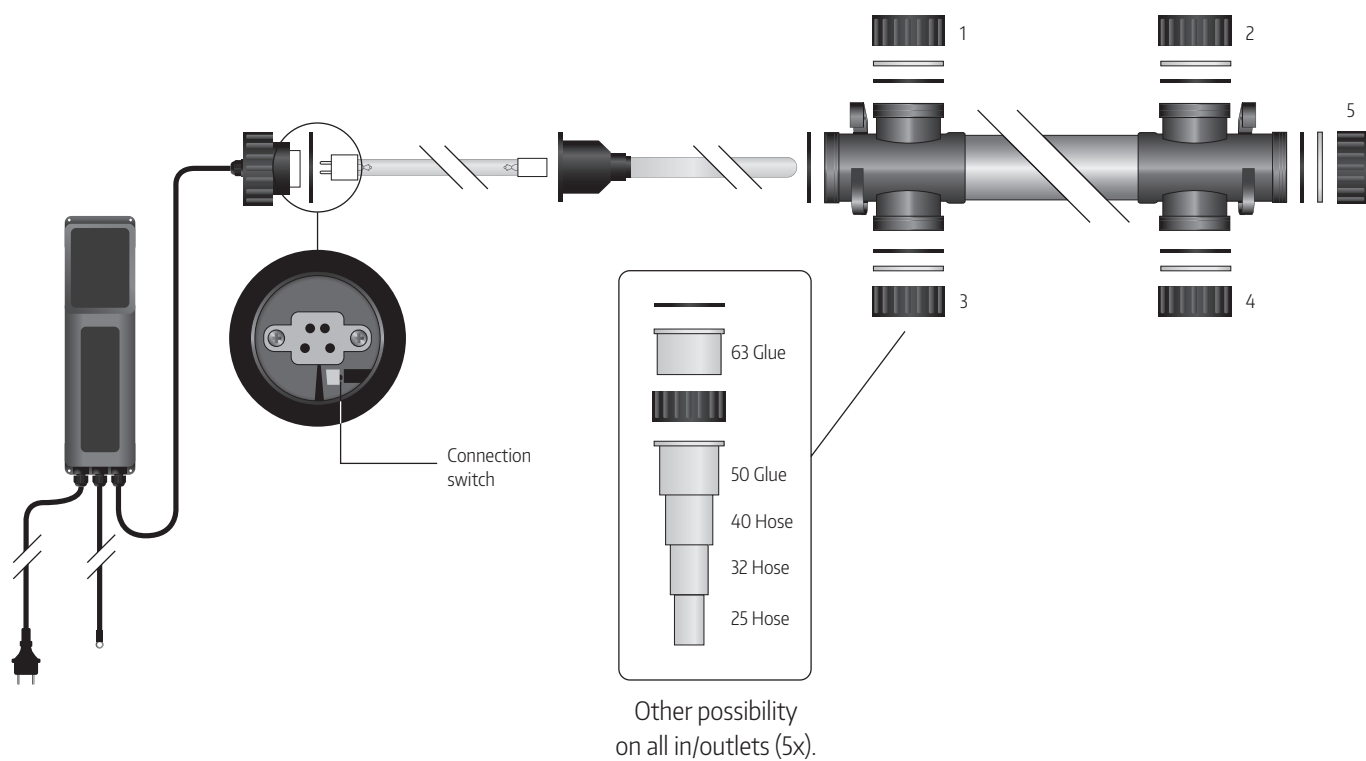
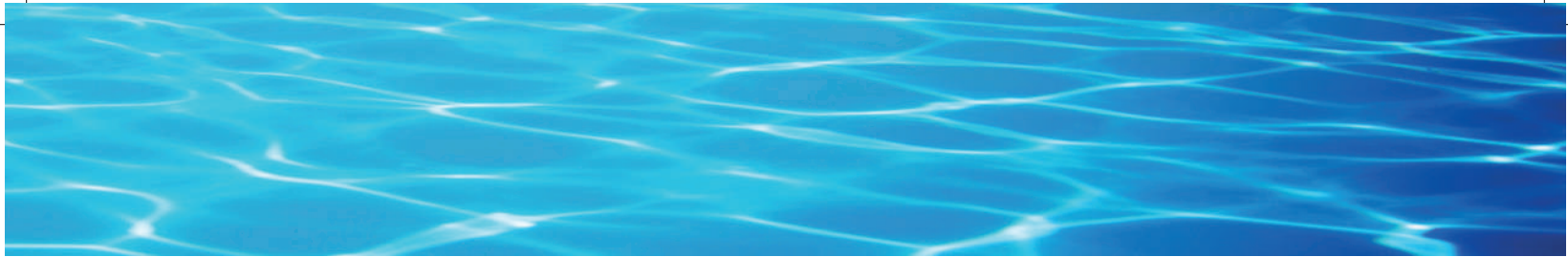


NEW! NOUVEAU! NEU! NIEUW!

The Filtreau UV-C Slim ensures crystal-clear water. The sophisticated design and high quality materials produce high UV-C radiation with a wavelength of precisely 253.7nm. This high level of radiation kills almost all bacteria, viruses and even fungi, providing clear and clean water. As a result, the level of added chemicals (eg chlorine) can be reduced by up to 80%, which ensures more natural, healthier water!

The 1.5mm, SS316 housing is polished on the inside to minimize the chance of any dirt sticking to the walls. Overall, this increases the effectiveness of the UV-C radiation 35%

Because of the "Slim" design and 5 different in/outlets (even bottom-outlet!), it will ensure you that it can be installed even in the most narrow places.



**Naturally clean water
for swimming pools**

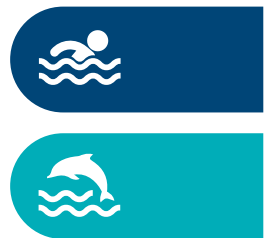
TYPES

- Filtreau UV-C Slim 40W / 40m3
- Filtreau UV-C Slim 80W / 80m3

ADVANTAGES

- Made in The Netherlands.
- Perfectly matched electronic ballast and UV-C lamp.
- SS316 Housing.
- Polished interior results in 35% more UV-C radiation.
- 5 Different in/outlets (bottomoutlet).
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.
- Incl. reduction pieces 63 / 50 / 40 / 32 / 25.
- Slim design, to install in even the most narrow places.

FILTREAU™ UVC OZONE



Ozone is one of the most effective water treatment sterilizers. Ozone has a very strong oxidation and sterilization effect on all organic substances and eliminates objectionable odours. It is for exactly these reasons that it has been used to disinfect drinking water and air for decades and is used in the food industry. Combined with UV-C radiation, this results in clean, oxygen rich, crystal clear water.



**Naturally clean water
for swimming pools**
Saltwater resistant

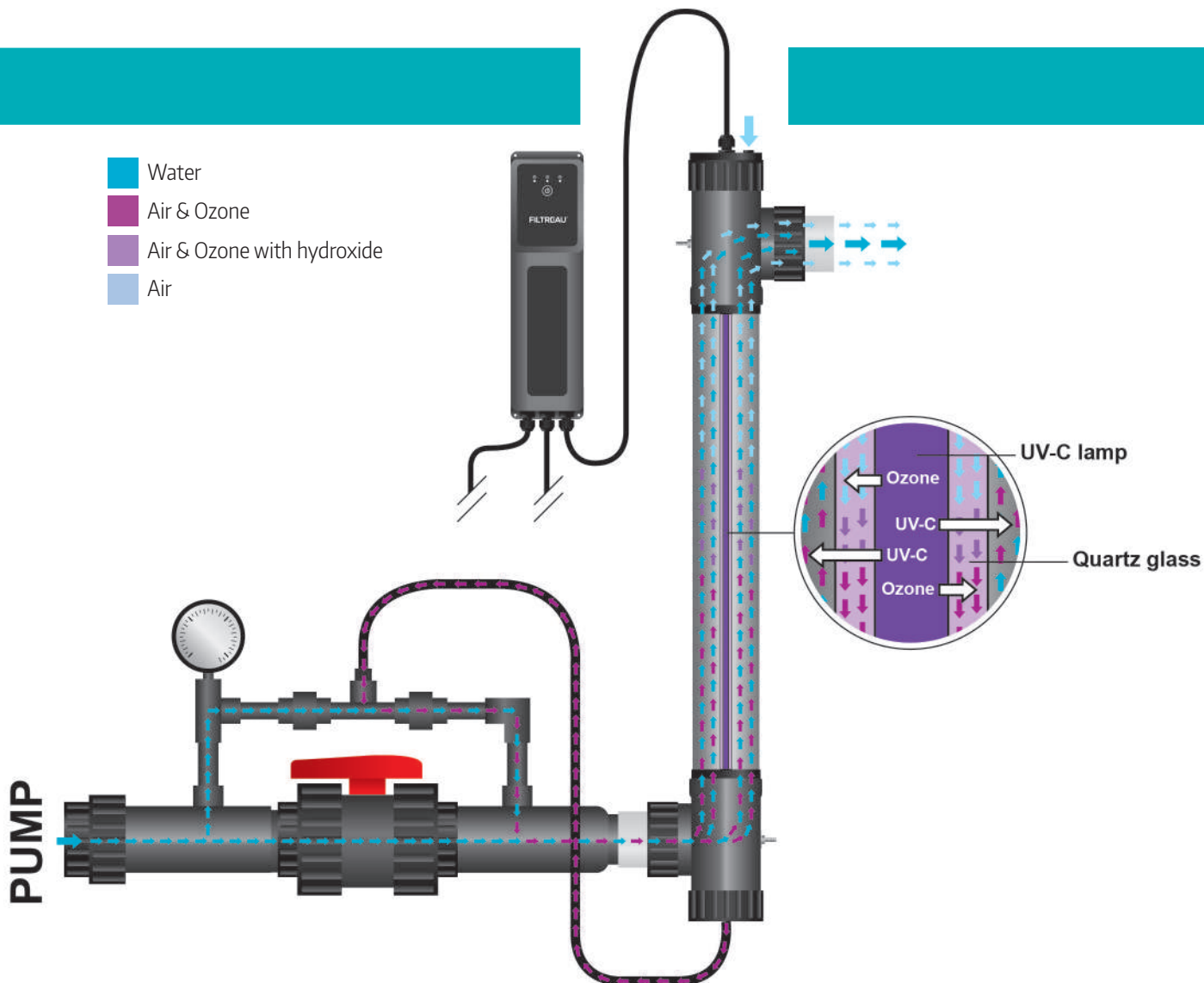
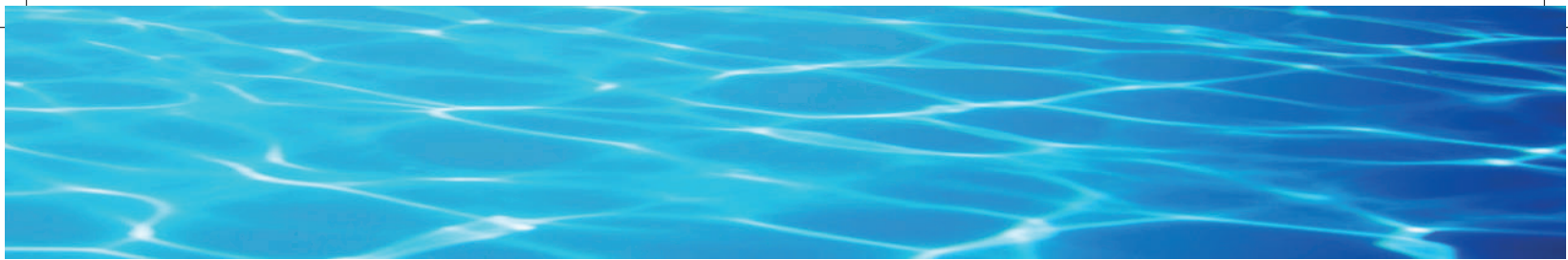
The ozone molecule, O₃, oxidizes micro-organisms such as fungi, bacteria (incl. legionella), parasites, algae, viruses and even urine, perspiration, cosmetics, sunscreens, etc.!

Once ozone has reacted and done its job, it disappears from the water without even leaving any by-products behind. As a result, the use of various chemicals can be minimized by up to 90%!

How it works

The Filtreau UV-C Ozone is placed in the piping of your filter line. The water must be fed to the device through the

venturi unit by a pump. Air is automatically drawn in by the water pressure of the water in the venturi. The water pressure can be read on the pressure gauge and is adjustable via the ball valve. The ideal water pressure is between 0.4 and 0.7 bar. The ozone that remains between the quartz sleeve and the ozone UV-C lamp is then drawn through the venturi unit and mixed in the water. This is when the very powerful oxidation and sterilization of the water occurs. Then the ozone-charged water passes the DUPLEX housing and is exposed to the powerful UV-C radiation, 35% of which is also reflected by the polished interior. All the ozone particles that have done their work are broken down by this radiation



and converted into oxygen. As such, after passing the UV-C radiation, there is no residual ozone in your water.

Due to the extra wide DUPLEX housing, water has extra-long contact time with both the ozone particles and the UV-C radiation, resulting in extremely efficient operation!

An additional advantage of the extra wide DUPLEX housing is that it results in minimum pressure loss and is completely resistant to saltwater.

TYPES

- Filtreau UV-C Ozone 80W / 80m3
- Filtreau UV-C Ozone 120W Amalgam / 120m3

ADVANTAGES

- Made in The Netherlands.
- LED indication when the UV-C Ozone lamp needs replacing.
- Reduces chlorine and other chemicals up to 90%!
- DUPLEX housing, saltwater resistant.
- Compact, easy installation.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.

FILTREAU™ UVC COPPER IONIZER



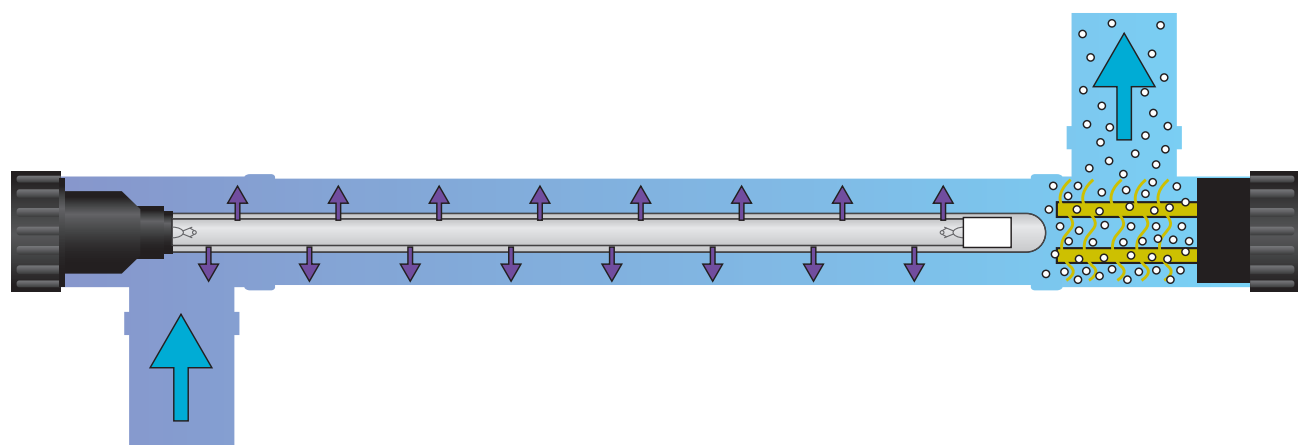
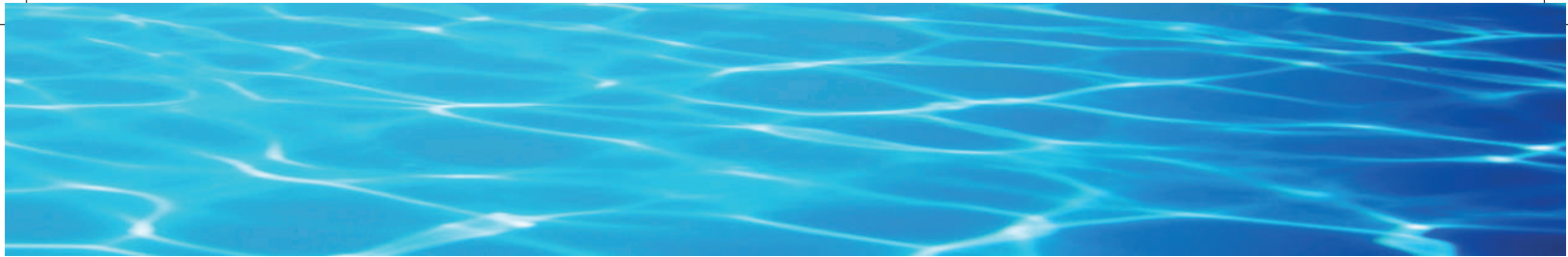
NEW! NOUVEAU! NEU! NIEUW!






This revolutionary combination of UV-C and copper ionization can realise a complete disinfected pool without any addition of chlorine! You will only test your pool water once every two weeks with the supplied test strips. If necessary, easily adjust the device to the correct level in only 1 handling.

With the Filtreau UVC Copper Ionizer, a max. dose of 0,7 ppm will be enough to fully and safely disinfect your water. This highly efficient device is able to reduce the chlorine concentration up to 100%!



**Naturally clean water
for swimming pools**



-  Water
-  UV-C
-  Copper diode
-  Electrolysis
-  Copper particles (Cu²⁺)

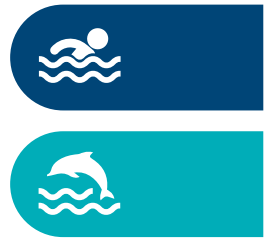
TYPE

- Filtreau UV-C Copper Ionizer 80W / 80m3

ADVANTAGES

- Made in The Netherlands.
- LED indication when the UVC and Copper needs replacing.
- Copper can be controlled from 0/100% output.
- Enables swimming without the use of chlorine.
- SS316 Housing.
- Up to 35% more UV-C yield as a result of reflection.
- Energy efficient and environmentally friendly.
- 2 years warranty on manufacturing defects.

FILTREAU™ UVC SALT CHLORINATOR



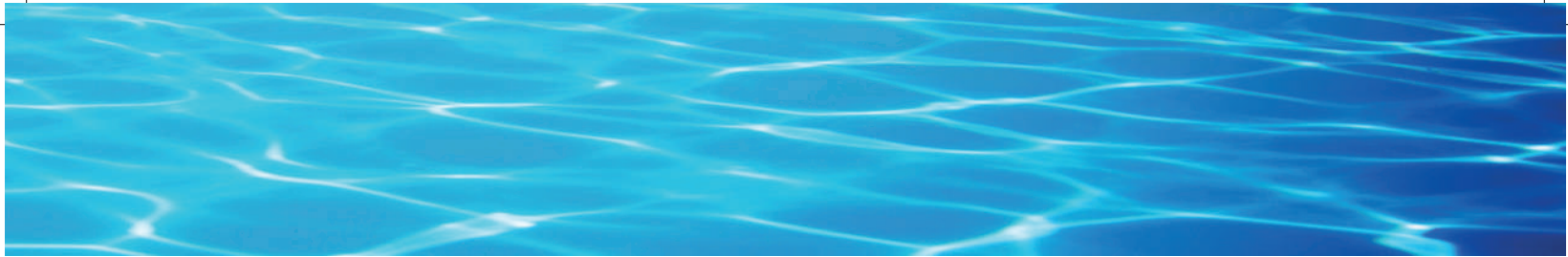
NEW! NOUVEAU! NEU! NIEUW!

Compact salt water chlorinator in IP65 box with digital display and productions from 10 to 35 grams for private pools.

The Filtreau Salt Chlorinator works completely automatic and is easy to connect with the PH / Redox measuring / dosage systems (plug & play).



**Naturally clean water
for swimming pools**
Saltwater resistant



Salt Water Chlorination

- Max cell voltage 7.5Vcc
- Salt required* > 2gr/l
- Language selection
- Manual regulation of chlorine
- Automatic regulation of chlorine
- Indicator of ORP values
- Indicator of pH values
- Automatic indicator of lack of salt
- Automatic indicator of salt excess
- Indicator of water T°
- Self-cleaning
- Salt level indicator
- Cell life indicator

Automatic alarms

- Caused by lack of water flow
- Caused by gas accumulation in the cell
- Caused by overload
- Caused by short circuit
- Caused by over temperature

Options

- Kit Advanced (ORP)
- Kit Auto (pH)
- Temperature probe Kit
- Kit PRO/2 (CL)
- Kit Water Sensor
- Kit Connect (Eypools)

* Working concentration from 2 to 35 grams / liter (sea water) with software modification

ADVANTAGES

- Lower electrical consumption.
- Lower weight.
- (IP65) Waterproof index.
- Lower operating temperature.
- More compact, easily adaptable to any installation.
- Easy to upgrade with PH / Redox dosage systems.

- Combine with UV-C for superior results!
- Switch mode power supply improves importantly the unit performance.
- Longer durability of the electrolysis cell.
- Internal microprocessor control, that determines the device operating hours.
- Digital display, easy and intuitive use control.

NEXT

GENERATION

UV-C

purification

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