



UV-C Ionizer+

This revolutionary combination of UV-C and copper electrolysis means you can have a chlorine-free pool! With this Blue Lagoon UV-C Ionizer+ unit as part of your pool system you can keep your pool water fresh, crystal-clear and above all hygienically clean, without having to put chlorine or other chemicals in the water. Chlorine ensures that harmful bacteria cannot develop in your pool. Unfortunately chlorine also has unpleasant side-effects on the people who swim in the chlorinated water. Examples are irritated skin, stinging, blood-shot eyes, irritation of the bronchial tubes and of course the penetrating smell of chlorine. Children in particular do not realise that they must not get chlorinated water in their eyes because it will irritate them after swimming. Children with asthma also suffer greatly from chlorinated water, so that swimming can be less enjoyable for them. With the Blue Lagoon UV-C Ionizer+ this is completely a thing of the past.

Is the maintenance of your pool water time-consuming? With a Blue Lagoon UV-C Ionizer+ in your pool you will no longer have to add chlorine or other chemicals every day. With the Blue Lagoon UV-C Ionizer+ you test your pool water once every two weeks. You then only need to test your water's value with the simple test strip supplied. And if necessary adjust the device to the correct level.

Other ionizer systems dose approximately 2 ppm copper in your pool water. With Blue Lagoon UV-C Ionizer+, a dose of 0,7 ppm will be enough to fully and safely disinfect your pool.

Advantages of UV-C treatment:

- Ensures fresh, clean and clear water
- Disinfects water efficiently and safely
- Bound chlorine is broken down by UV-C light
- Protects your pool from germs
- Keeps the formation of mould, bacteria and algae under control
- Can reduce the use of chlorine and other chemicals by 100%
- Prevents the smell of chlorine and irritation to the skin and eyes
- More environmentally-friendly than traditional methods

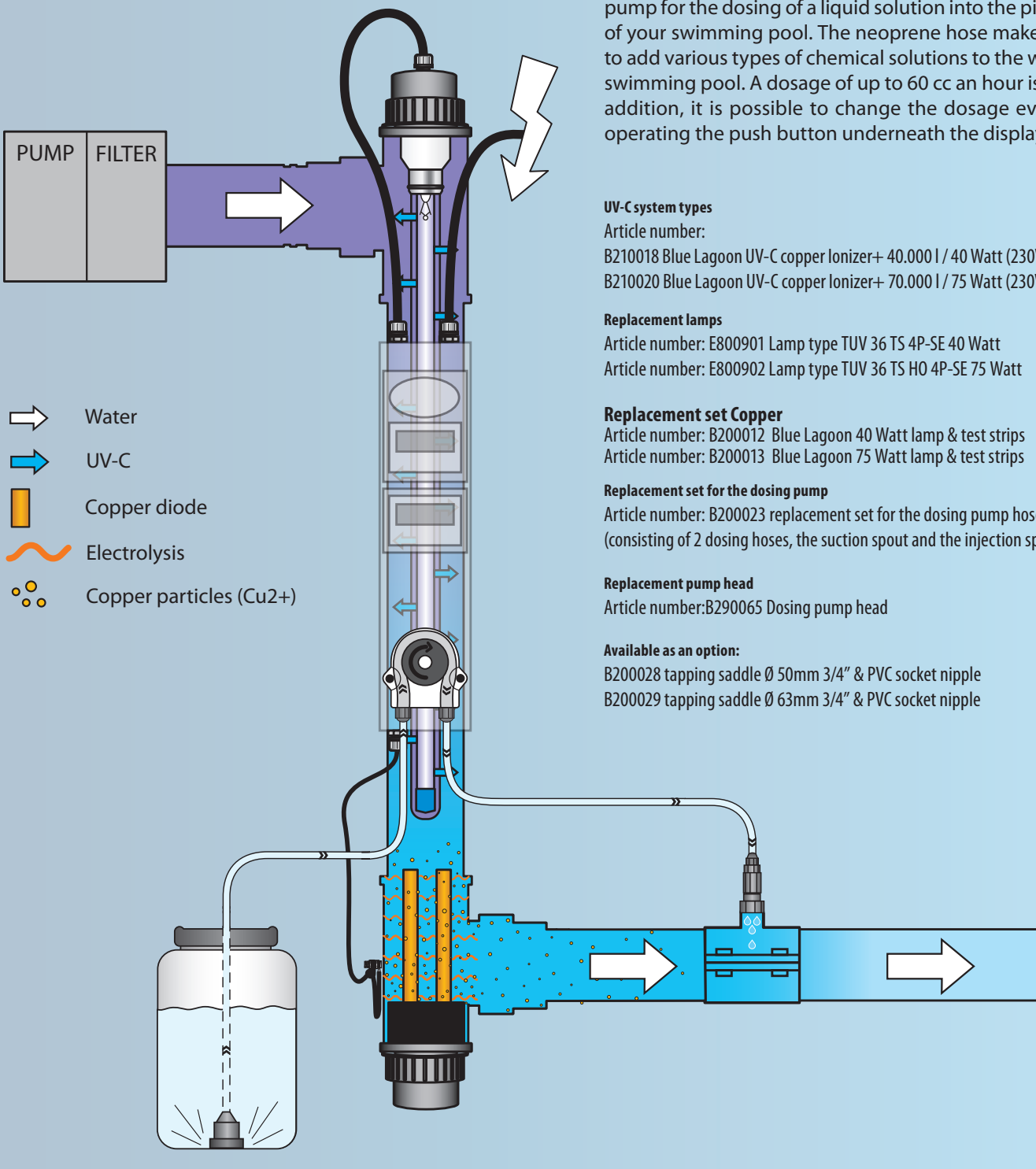
Advantages of the Blue Lagoon UV-C copper ionizer+:

- Enables swimming without the use of chlorine
- Up to 80% disinfection by UV-C
- Up to 20% disinfection by copper electrolysis
- Built-in electronic pre-selector to ensure a smooth power supply
- Up to 35% more UV-C yield as a result of reflection
- Includes a 40W/75W UV-C lamp
- Integrated adjustable time meter for the UV-C lamp
- Digital indication when the lamp needs replacing
- Dosage of up to 60 cc an hour
- Dosage separately adjustable for each hour
- Neoprene hose
- Suction and injection nipples supplied
- 316L stainless steel housing
- Easy installation and maintenance
- 2-year guarantee with respect to manufacturing faults
- Earthed
- Universal adapters included in delivery

Operation

The Blue Lagoon UV-C Ionizer+ will clean the water in your swimming pool through copper electrolysis combined with UV-C radiation. The Blue Lagoon UV-C Ionizer+ is placed on the piping system after the swimming pool filter. The swimming pool water then flows through the housing of the Blue Lagoon UV-C Ionizer+. A UV-C lamp and a copper unit, or ionizer, are positioned within the housing, and the copper unit discharges a minimal amount of copper into the water flowing through the housing. These copper ions (Cu^{2+}) in the water have a positive charge and destroy the cell walls of bacteria, viruses and other primitive organisms. As the cell wall is thereby damaged, these organisms are no longer able to take up any nutrients, and are therefore unable to multiply. The process of applying a positive charge to copper is called copper electrolysis. The copper in the water acts as a disinfecting buffer in your swimming pool and, in terms of results, can be compared with the effect of chlorine. The UV-C lamp that is positioned in the Blue Lagoon UV-C Ionizer+ generates UV-C light. This UV-C light produces UV-C radiation with a wavelength of 253.7 nm, ensuring that bacteria, viruses and other primitive organisms are destroyed. Due to the length of the device, the water is exposed to this high level of radiation for a longer time, which destroys the DNA of bacteria, viruses and micro-organisms. The interior of the device made of 316L stainless steel, which ensures an additional reflection of the UV-C radiation, increasing the efficiency by up to 35%.

Research has shown that UV-C light disinfects swimming pool water up to 80%, while copper disinfects up to 20% of the swimming pool water. Assuming that these values are 100% correct, the combination of UV-C with copper electrolysis makes it possible to swim safely without having to use any chemicals. Thanks to the Blue Lagoon UV-C Ionizer+, your swimming pool water will be disinfected efficiently and safely, and the quality of your water will remain excellent.



The Blue Lagoon Ionizer+ is fitted with the ideal peristaltic pump for the dosing of a liquid solution into the piping system of your swimming pool. The neoprene hose makes it possible to add various types of chemical solutions to the water of your swimming pool. A dosage of up to 60 cc an hour is possible. In addition, it is possible to change the dosage every hour by operating the push button underneath the display.

UV-C system types

Article number:

B210018 Blue Lagoon UV-C copper Ionizer+ 40.000 l / 40 Watt (230V; 50/60Hz)

B210020 Blue Lagoon UV-C copper Ionizer+ 70.000 l / 75 Watt (230V; 50/60Hz)

Replacement lamps

Article number: E800901 Lamp type TUV 36 TS 4P-SE 40 Watt

Article number: E800902 Lamp type TUV 36 TS HO 4P-SE 75 Watt

Replacement set Copper

Article number: B200012 Blue Lagoon 40 Watt lamp & test strips

Article number: B200013 Blue Lagoon 75 Watt lamp & test strips

Replacement set for the dosing pump

Article number: B200023 replacement set for the dosing pump hoses (consisting of 2 dosing hoses, the suction spout and the injection spout)

Replacement pump head

Article number: B290065 Dosing pump head

Available as an option:

B200028 tapping saddle \varnothing 50mm 3/4" & PVC socket nipple

B200029 tapping saddle \varnothing 63mm 3/4" & PVC socket nipple