

COPPER IONIZER

Blue Lagoon Copper Ionizer UV-C



Operation

This revolutionary combination of UV-C and copper electrolysis means you can have a pool with a minimum use of chlorine!* Electrically charged copper ions (Cu^{2+}) in the water search for particles of opposite polarity, such as bacteria, viruses and fungi. Positively charged copper ions form electrostatic compounds with negatively charged cell walls of microorganisms. These compounds disturb cell wall permeability and cause nutrient uptake to fail. As a result, bacteria are no longer able to multiply and eventually die. The ions remain active until they are absorbed by a microorganism.

**Additional chlorine needed, depends on the frequency of use and general condition of the pool water.*

Pending EU regulations or conditional approval, national regulations apply to the trade and use of copper-containing products. The copper used in these units complies with the REACH registration. It is the sole responsibility of the buyer to inform himself/herself about applicable local regulations regarding the use of (and trade in) copper for water disinfection.

Advantages of the Blue Lagoon Copper Ionizer UV-C

- Up to 35% more UV-C yield as a result of reflection by the stainless steel reactor
- Easy installation and maintenance
- Comes with $\text{Ø}63\text{mm}$ to $\text{Ø}50\text{mm}$ fittings, $1\frac{1}{2}$ " female threaded
- Made in the Netherlands

Blue Lagoon Copper Ionizer UV-C Technical



	40 W	75 W
Art. number	BH04402	BH04752
Type	40 W	75 W
EAN	8714404034241	8714404036689
Rec. flow for 30 mJ/cm ²	11 m ³ /h	16 m ³ /h
Max. pressure	2 bar	2 bar
Max. flow	23 m ³ /h	23 m ³ /h
Diameter unit Ø	70 mm	70 mm
Length unit	100 cm	100 cm
Diameter in-outlet Ø	63 mm / 50 mm / 1½"	63 mm / 50 mm / 1½"
Housing material	316L	316L
Electronic ballast	230 V AC 50 Hz	230 V AC 50 Hz
Lamp power	40 W	75 W
Lamp	Blue Lagoon T5 40 W Ionizer	Blue Lagoon T5 75 W Ionizer
Lifespan lamp	9.000 hours	9.000 hours
Copper ionizer	0,7 ppm	0,7 ppm
Replace lamp alert	√	√
Weight	5,0 Kg	5,2 Kg
Quantity full pallet	24 pcs	24 pcs



Spare parts

A	B280002	Lamp Blue Lagoon T5 40 W Ionizer Base K
B	B280001	Lamp Blue Lagoon T5 75 W Ionizer Base K
C	QG017	Quartz Glass VSC 695 x 25 mm 40/75 W AM
D	E800912	Set (3pcs) O-ring for quartz glass
E	EP040007	Electrics for BL UV-C Ionizer 40 W
F	EP075011	Electrics for BL UV-C Ionizer 75 W
G	B220002	Housing Blue Lagoon Ionizer UV-C 40/75 W
H	B915000	Set (2pcs) 3-way connection blue 63 mm
I	E800944	Set (2pcs) 3-way connection USA / UK 60½ mm
J	E800941	Set (2pcs) O-rings 3-way connection
K	F990115	Reduction piece 1.5" female threaded x 63 mm out/ 50 mm in ABS
L	B290006	Mounting bracket 75 mm PP Blue
M	B290010	Cable connector
N	E801215	Nut 70 mm x 33.5 mm for end cap ABS Blue
O	B290029	Copper set base + cable connector
P	B200020	Test strips for Ionizer (50 strips)



Y

