

AOP Compact Ozone & UV-C 2.0

RENEWED
PRODUCT



35%
REFLECTION



The lamp has a double function, producing ozone and UV-C light at the same time. The ozone in the water will be completely broken down by the UV-C light. Because of this, so called OH-radicals are being produced which have a high oxidation potential. This results in oxidation of the organic pollution in the water and the UV-C light will also disinfect the water at the same time.

Please notice the correct grounding!



The combination of ozone and UV-C, integrated in this smart designed disinfection system, ensures fresh and healthy pool water with the possibility of providing a minimum use of chlorine.

Advantages of the Blue Lagoon AOP Compact Ozone & UV-C 2.0

- This unit provides triple disinfection: ozone, OH radicals and UV-C
- A stand-alone electronic ballast to guarantee an efficient and stable power supply in addition to maximum installation flexibility
- Up to 35% more UV-C yield as a result of reflection by the stainless steel reactor
- **DUPLEX** stainless steel housing, suitable for use in chlorine and salt electrolysis baths
- The ozone UV-C lamp produces ozone and UV-C for 9,000 hours
- The device will indicate when the lamp needs replacing
- Easy installation and maintenance
- Made in the Netherlands



Operation

This revolutionary combination of ozone and UV-C makes it possible to have a pool with minimal chlorine usage. Through the supplied venturi, air is sucked in from the outside into the space between the UV-C lamp and the quartz sleeve. The special UV-C lamp generates radiation of both 254nm and 185nm. The 185nm radiation converts the available oxygen into ozone. The produced ozone (max. 0,6 g/h) is mixed with water through the venturi to perform its disinfection and oxidising job. Inside the UV-C housing, any residual ozone will be converted by the 254nm UV-C radiation into OH radicals (the so called Advanced Oxidation Process) that have an even stronger oxidising power than ozone.

Technical specifications

	AOP COMPACT OZONE & UV-C 75W 2.0	AOP COMPACT OZONE & UV-C 75W 2.0
Type	75.000 /75W	0,57A
Item code	BH12752	Lamp power
Barcode	8714404040617	75W
Rec. flow for 30 mJ/cm ²	18 m ³ /h	Lamp
Max. pressure	2,5 bar	VEGE T5 75W Ozone
Max. flow	23 m ³ /h	Lifespan lamp
Diameter unit Ø	70 mm	4.500 hours ozone - 9.000 hours UV-C
Length unit	100 cm	Ozone
Diameter in-outlet Ø	63mm / 50mm / 1 1/2"	0,6 gr/h
Stainless steel	Duplex	Timer
Electronic ballast	230V AC 50/60Hz	✓
		Replace lamp alert
		✓
		Weight
		6,0 Kg
		Packing size
		112x37x12 cm
		Quantity full pallet
		24 pcs