

Ozone Destructor



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Advantages of the AquaCare Ozone Destructor

The professional AquaCare ozone destructor is not only eliminating ozone from damp skimmer air, but has built in security U-pipes for exhaust air and ozone generator. The durable version is installed fast and permits simple maintenance without removing from fittings. The activated carbon bed consists of high-quality coarse activated carbon, which will not block even after long operating times and lowers the maintenance. The water level for the security U-pipes is fed automatically by condensation of the exhaust air, if the exhaust air temperature is higher than the ambient temperature. If the ambient temperature should be higher than those of the exhaust air, the built in float valve can be used for an automatic refilling. By automatic refilling no errors can occur because of lack of water. The security U-pipes for ozone and ozone containing exhaust air can be cleaned simply by inspection opening (e.g. with bottle brushes). All pressures in the U-pipes can be read off in mm WC (water column).

Option: Sensor for Controlling

For an accurate error message, e.g. for a PLC monitoring, up to four sensors can be mounted. The following errors can be recognized:

- Error “suction injector“ (40...-550 mm WC)
- Error “water level“ (-150...150 mm WC)
- Error “activated carbon bed“ (-50...150 mm WC)
- Error “exhaust tube“ (-50...220 mm WC)

Technical Data

	Type „Ozone Destructor“	OD 250	OD 500
	Order number	327-025	327-050
	Maximum air flow in m ³ /h	70	280
	Maximum size of AquaCareFlotor (skimmer)	ACF 240.000 V	2 × ACF 960.000 V
	Volume activated carbon in litres	11	50
	Needed footprint size (A) × (B) in mm	450 × 450	800 × 800
	Height (C) in mm	1710	2000
	Diameter of main tube in mm	250	500
	Ozone connection diameter in mm / height (D) in mm (to be connected between ozone generator and injector)	d40 / 1590	d75 /
	Air feed (= exhaust from skimmer) diameter in mm / height (E) in mm	d63 / 1380	d110 /
	Exhaust (ozone free) diameter in mm / height (F) in mm	d63 / 1080	d110 /
	Drain diameter in mm / height (G) in mm	d40 / 235	d50 /
	Fresh water inlet (float valve) diameter in mm / height (H) in mm	d16 or ¼“i / 715	d16 or ¼“i /
	Materials	PVC-U and PVC transparent; cap sealing: Silicone	
	Display of pressures in	mm WC	