

DM AND DEXF SERIES **DESTRUCT UNIT** PRIMOZONE® OZONE SYSTEM



EFFICIENTLY AND RELIABLY REMOVAL OF UN-REACTED OZONE

PRIMOZONE® DM-SERIES

The DM-series has a built-in fan and is the recommended choice when using larger, non-pressurized reaction tanks or basins. The speed of the fan is based on the gas flow to minimize energy usage.

PRIMOZONE® DEXF-SERIES

One ozone generator can support several different treatment lines. Individual dosing - each treatment line can be controlled individually and have different dosing. Accurate dosing - dosing automatically controlled by Redox, ORP or flow values.

RESIDUAL OZONE IN OFF-GAS

Even in a correctly designed ozone water treatment system there will be some residual ozone in the off-gas. With a thermal-catalytic ozone destruct unit any un-reacted vent ozone is efficiently and reliably removed in a very energy efficient way.

HOW IT WORKS

Thermal catalytic destruct units use catalytic granular that decomposes the ozone to oxygen. The vent gas is heated before it is passed through the granular to remove humidity and thus improve the performance of the granular.

DESTRUCT UNIT

- ▶ High ozone destruction efficiency ensuring <0,1 PPM ozone residue
- ▶ Temperature is monitored and adjusted automatically
- ▶ Energy efficient, Manual or automatic operation

THERMAL-CATALYTIC OZONE DESTRUCT UNITS

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PRIMOZONE® DM-SERIES

Model	Flow m ³ /h	Ozone output	Electrical rating	Voltage	Operating temperature	Connections	LxWxH m/inch	Weight
						In/Out		
DM25	25	<0.1 ppm	0.9 kW	400V+N+PE	50-60° C (122-140°F)	DN100 PN6	0.64x0.95x1.95 m 25x37x77 inch	300 kg 661 lbs
DM50	50	<0.1 ppm	1.4 kW	400V+N+PE	50-60° C (122-140°F)	DN100 PN6	0.64x0.95x1.95 m 25x37x77 inch	330 kg 728 lbs
DM75	75	<0.1 ppm	3.5 kW	400V+N+PE	50-60° C (122-140°F)	DN100 PN6	0.64x0.95x1.95 m 25x37x77 inch	400 kg 882 lbs
DM100	100	<0.1 ppm	3.8 kW	400V+N+PE	50-60° C (122-140°F)	DN100 PN6	0.64x0.95x1.95 m 25x37x77 inch	430 kg 948 lbs

PRIMOZONE® DEXF-SERIES

Model	Flow m ³ /h	Ozone output	Electrical rating	Voltage	Operating temperature	Connections	H x Ø	Weight
						In/Out	(without electrical cabinette)	
DEXF7	7	<0.1 ppm	0.3 kW	230V 50/60Hz	50-60° C (122-140°F)	DN65 PN6	0.6x0.2 m 24x8 inch	23 kg 51 lbs