

OZONE DESTRUCT MODULE

DM25 - DM50 - DM75 - DM100
DEXF7 2.0

Primozone[®]
REDEFINING OZONE TECHNOLOGY



ENERGY EFFICIENT

Removal of unreacted ozone.



EASY TO INSTALL

Plug & Play

LOW MAINTENANCE

Requires only general safety inspection.

MODERN.
INTELLIGENT.



OZONE TO OXYGEN

THE PRIMOZONE OZONE DESTRUCT UNITS COME IN TWO DIFFERENT MODELS

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 DEXF7 2.0

The DEXF7 2.0 has no fan, and is recommended for pressurized sealed tanks. The DEXF7 2.0 is delivered with a separate electrical cabinet and can be operated in manual or automatic mode.

THERMAL CATALYTIC

Even in a correctly designed ozone water treatment system, there will be some residual ozone in the off-gas. A thermal-catalytic ozone destruct unit removes unreacted vent ozone safely, reliably, and in a very energy-efficient way.

HOW IT WORKS

Thermal-catalytic destruct units use a granulated catalyst that decomposes the ozone to oxygen in an exothermic process. The vent gas is heated before it is passed through the granular catalyst to remove moisture, thus improving the performance of the catalyst.



HIGH OZONE CONVERSION EFFICIENCY

Ensuring <0.1 PPM ozone residue



FOR PRESSURIZED OR NON-PRESSURIZED INSTALLATIONS



CATALYTIC OZONE CONVERSION

TECHNICAL SPECIFICATIONS

MODEL	OZONE OUTPUT	FLOW m ³ /h	OPERATING TEMPERATURE	MAX POWER (kW)	CONNECTIONS IN/OUT	VOLTAGE	LENGTH x WIDTH x HEIGHT	WEIGHT
DM25	< 0.1 ppm	25	50 - 60 °C 122 - 140 °F	0.9	DN100 PN6	400 V+N+PE	1123 x 755 x 989 mm 44.2 x 29.7 x 38.9 in	300 kg 661 lbs
DM50	< 0.1 ppm	50	50 - 60 °C 122 - 140 °F	1.4	DN100 PN6	400 V+N+PE	1123 x 755 x 989 mm 44.2 x 29.7 x 38.9 in	330 kg 728 lbs
DM75	< 0.1 ppm	75	50 - 60 °C 122 - 140 °F	3.5	DN100 PN6	400 V+N+PE	1123 x 755 x 989 mm 44.2 x 29.7 x 38.9 in	400 kg 882 lbs
DM100	< 0.1 ppm	100	50 - 60 °C 122 - 140 °F	3.8	DN100 PN6	400 V+N+PE	1123 x 755 x 989 mm 44.2 x 29.7 x 38.9 in	430 kg 948 lbs
DEXF7 2.0	< 0.1 ppm	7	50 - 60 °C 122 - 140 °F	0.54	DN65	400 V+N+PE	Height 620 mm / 24 mm Radius 100 mm / 4 in	15 kg 33 lbs

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