

OZONE DESTRUCT MODULE

Primozone®
REDEFINING OZONE TECHNOLOGY



ENERGY EFFICIENT



EASY TO INSTALL



LOW MAINTENANCE

General safety inspection

LOW MAINTENANCE



PROTECTION

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 does not include any fan and is recommended for pressurized sealed tanks. The DEXF7 2.0 is delivered with a separate electrical cabinet and can be run 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. 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 uses catalytic granular that decomposes the ozone to oxygen in an exothermic process. The vent gas is heated before it is passed through the granular to remove humidity and thus improve the performance of the granular.



HIGH OZONE DESTRUCTION EFFICIENCY

Ensuring <0,1 PPM ozone residue



FOR PRESSURIZED OR NON- PRESSURIZED INSTALLATIONS



CATALYTIC OZONE DESTRUCTION



| Technical data | DM25 | DM50 | DM75 | DM100 |
|-----------------------|--|--------------------|--------------------|---------------------|
| Dimension (W x D x H) | 0.64 x 0.96 x 2.03 m / 25 x 38 x 80 in | | | |
| Destructor capacity | 25 m³/h 110 gpm | 50 m³/h 220 gpm | 75 m³/h 330 gpm | 100 m³/h 440 gpm |
| Weight (kg) | 175 kg/386 lbs | 200kg/441 lbs | 225 kg/496 lbs | 250 kg/551 lbs |
| Rated power | 1.2 kW | 1.7 kW | 2.3 kW | 2.6 kW |
| Supply power | 3 x 400 V + N + AC 50/60 Hz | | | |

Communication: Modbus TCP, see Communications manual for more information.