

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

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.

PRIMOZONE® DM-SERIES

| Model | Flow m³/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 m³/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 |