OZONE DESTRUCT UNIT | AN EFFECTIVE, NATURAL OZONE DESTRUCTION PROCESS!

NATURE TO THE POWER OF 3!

Ozone is a powerful oxidizer that can be used to disinfect water. However, if ozone is not completely eliminated from water before it is discharged, this can adversely affect human health and the environment. Whether it be a water treatment plant or large institution, any establishment that uses a contact tank can benefit from an ozone destroyer. Eliminating the ozone means that your water will remain clear and free from any contaminants.

INNOVATION AT ITS BEST – 2 VERSIONS FOR MAXIMUM VERSATILITY

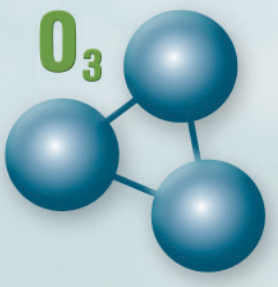
EMO$_3$ offers 2 types of ozone destruct unit to meet the needs of most facilities. Even in a properly designed ozone water treatment system, there will be residual ozone in the off-gassing. A thermal catalytic ozone destruct unit reliably, efficiently and cost-effectively eliminates the excess ozone.

HOW IT WORKS?

Ozone is converted into oxygen by a catalytic process which is an exothermic process. The oxygen can then be released outside after the conversion. To improve the catalytic media's longevity, the intake gas is heated before passing through the catalytic media. This is done to eliminate humidity and thus improve the process' performance. **EMO$_3$** offers 2 models of ozone destruct units, with blower for non-pressurized tanks or without blower for tanks with positive pressure (greater than the atmospheric pressure).

Here are some of the advantages of the ozone destruct unit:

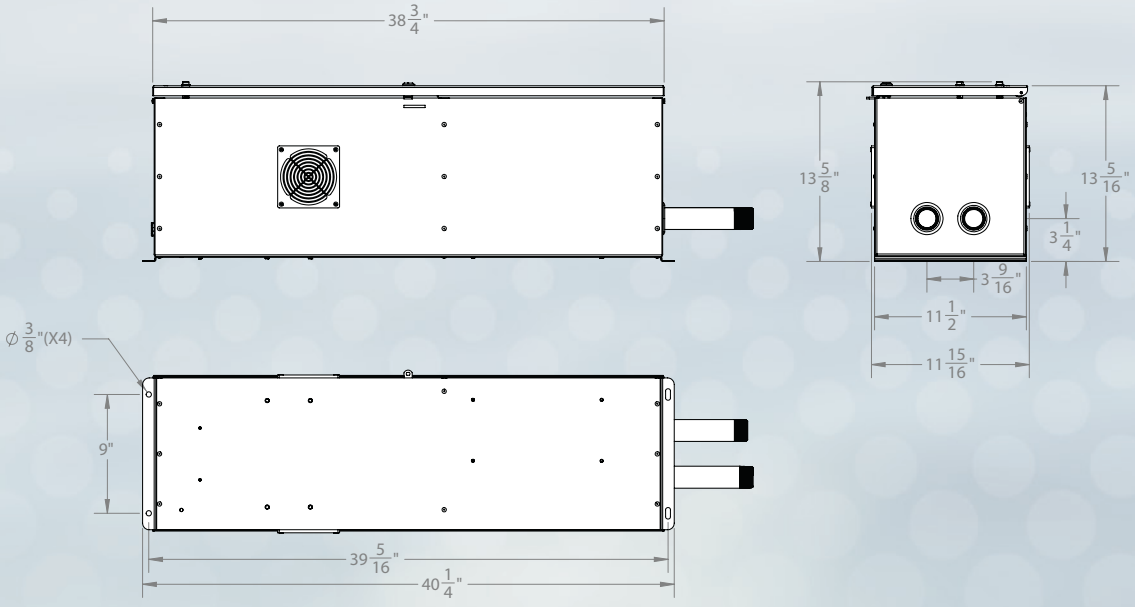
- Stainless steel housing.
- Wall mounted: Compact and light.
- Metering valve to allow for variable suction (0-80 m^3/hr) depending on the tank volume.
- Intermittent heating element to maintain an air intake temperature of 60°C.
- Flexibility: 2 models offered. For pressurized or non-pressurized facilities.
- Contact module to protect the motor.
- A 400W heating element.



OZONE

TECHNICAL DATA

MODEL	EM-80-B	EM-80
OZONE AT THE OUTLET	< 0.1 PPM	< 0.1 PPM
INTEGRATED BLOWER	YES	NO
FACILITY	FOR UNPRESSURIZED TANKS	FOR PRESSURIZED TANKS
FLOW (max.)	0 – 80 M^3/H (46 CFM) A METERING VALVE ALLOWS FOR VARIABLE SUCTION	80 M^3/H (46 CFM)
ELECTRICAL REQUIREMENTS	240 VAC/1 PH/ 50-60 Hz/20 A	240 VAC/1 PH/ 50-60 Hz/20 A
POWER	800 W	400 W
ELECTRICAL CONNECTION	L6-20P CABLE PROVIDED BY EMO_3	L6-20P CABLE PROVIDED BY EMO_3
GAS CONNECTION (INPUT & OUTPUT)	1.25" NPT	1.25" NPT
HEATING ELEMENT	400 W	400 W
OPERATING TEMPERATURE	50 - 60°C (122 – 140°F)	50 - 60°C (122 – 140°F)
DIMENSIONS	102 cm (40.3") x 30 cm (11.9") x 35 cm (13.6")	102 cm (40.3") x 30 cm (11.9") x 35 cm (13.6")
WEIGHT PER UNIT	34 kg (75 lbs)	20 kg (45 lbs)



OZONE THE SOLUTION FOR AIR AND WATER TREATMENT

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