

OX-2000 SERIES

ODOR REDUCTION SYSTEMS



These industrial duty units are self-contained air purification products designed to reduce high concentrations of odors. They are a very economical solution using minimal power and requiring no chemical additives or high priced media for operation.

An electro-oxidation process is used in which odorous air is pulled into the OX-2000's integral mixing chamber and introduced to a side stream of reactive oxygen molecules. These molecules are produced by passing ambient air through an electric field which splits the oxygen molecules and forms O_3 , $OH^\cdot$, $O_2^\cdot$, O_2^{+} , and O^- . The reactive molecules oxidize H_2S and other odor causing compounds in the foul air which can then be vented to the atmosphere.



EngA[®]

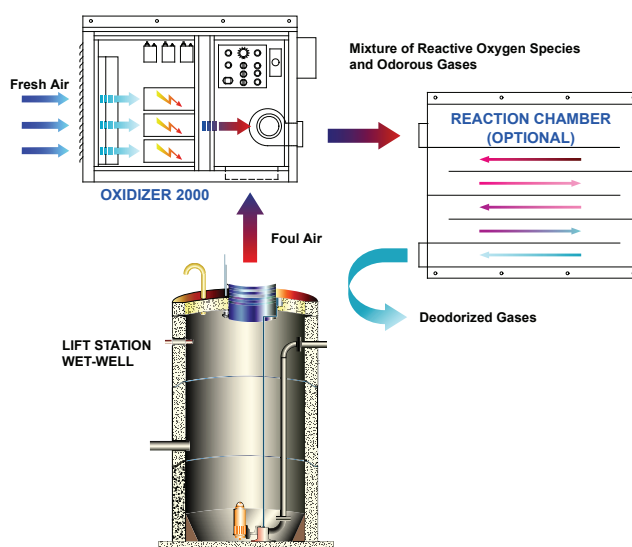
ENGINEERED AIR[®]

TRI MED[®]

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OX-2000 installation



Typical airflow process

Features

- High output CNC printed oxidizer plates
- Generator head assembly allows for convenient loading and removal of plates
- High efficiency, variable speed, squirrel cage blower capable of delivering 550 CFM (260 L/s) @ 0.5"WC (125 Pa) of external static pressure
- Hinged doors complete with pad lockable lever-lock handles
- Built in hour meter for maintenance scheduling
- Variable output control
- Corrosive duty weather tight stainless steel cabinet
- Air balancing system (damper/pressure gauge)
- NEMA 4X non-fused disconnect
- Mounting holes for wall mount or support stand for bolt-down installation
- Generator heads are protected with a high efficiency filtration system

Benefits

- Long lasting corrosion resistant equipment
- Compact physical design
- Low annual maintenance
- Low cost operation
- Wide range of treatable gases and load conditions
- Evacuates up to 350 CFM (165 L/s) of foul air
- No consumables

Control

These units can be optionally paired with the CZ12 Ozone Monitor and CZ6-SC VOC Sensor Control Module to create an automated air purification system continually balancing oxidant levels with load levels for the cleanest air. This equipment can communicate with SCADA systems.



ENGINEERED AIR

MANUFACTURING FACILITIES:

CALGARY AND EDMONTON, ALBERTA | DESOTO, KANSAS | NEWMARKET, ONTARIO

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HEATING | VENTILATING | AIR CONDITIONING | AIR QUALITY | ENERGY RECOVERY