



MAIN FEATURES

- Eliminates H₂S and other odorous compounds
- Reduce or eliminate some forms of Fats, Oils, and Grease (FOG)
- Reduce or eliminate biofilm or bacterial growth in the treatment area
- Reduce the rate of corrosion typically associated with low pH
- Impart a residual oxidant to the defined space to absorb unexpected spikes of odors
- 2-Way Communication for Real Time Operation Monitoring
- Able to operate unit remotely
- Programmable oxidant levels to treat diurnal flow

SPECIFICATIONS

System

- Oxidant Output: ≤ 3.5 lbs/day
- Number of Nozzles: 3 – 6
 - Standard 500 Nozzle
 - 20 CFM
 - 5 to 10 GPH
 - Low Volume Nozzle
 - 1 CFM
 - 1 to 2 GPH
- Treatment Area
 - Up to 42,000 ft³
 - Low Volume Nozzle – up to 1,000 ft³
- Communications
 - Cellular Modem

Power supply

- 220 VAC, 30A, 60 Hz, Single Phase

Physical

- Stainless Steel 316 Powder Coated with TGIC polyester
- Dimensions
 - 43.1" L × 34.3" W × 46.0" H
- Weight
 - 420 lbs avg

Operating environment

- 20°F to 100°F

DESCRIPTION

The Vapex PLC-3500 is an odor control system specifically designed to treat H₂S, mercaptans, amines, and other odorous compounds in enclosed spaces. It combines ozone, water, and air using a patented 3-fluid nozzle to atomize the water molecules to create hydroxyl radicals. The odorous air is not extracted instead the odors are treated at the same space where they are generated.

APPLICATIONS

- Lift Stations/Pump Stations
- Wet Wells
- Holding Tanks
- Headworks
- Covered Clarifiers

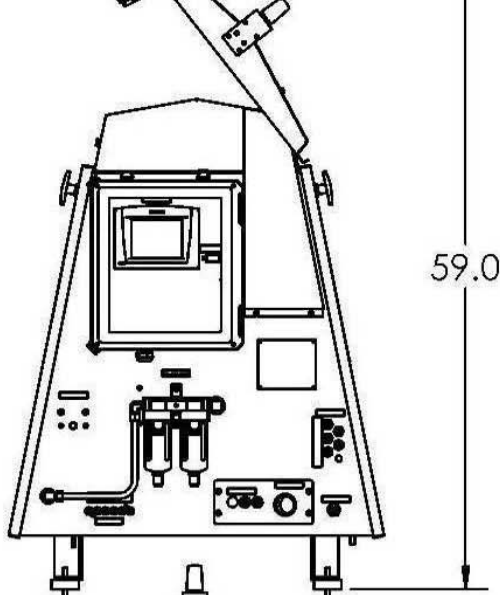
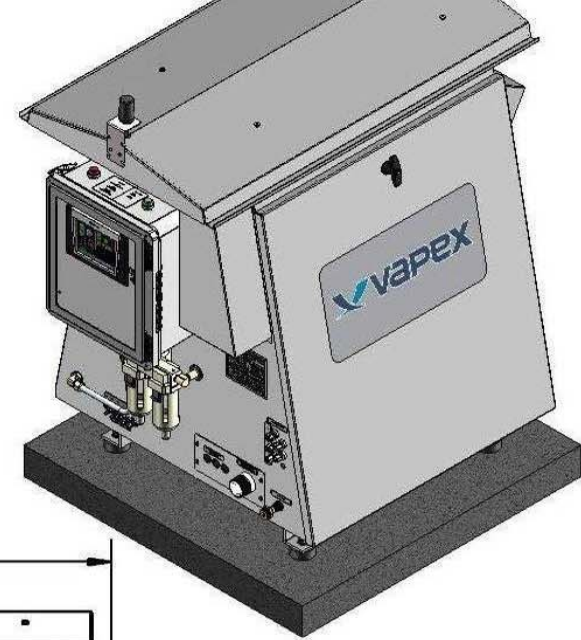
CONTACT INFORMATION

- Contact your local Vapex rep
- Call Vapex – 407-977-7250
- Email Vapex – Info@vapex.com



Patented Vapex PLC-Series

*Dimensions Subject to Change
Version Date: 2014
Image may not represent all models



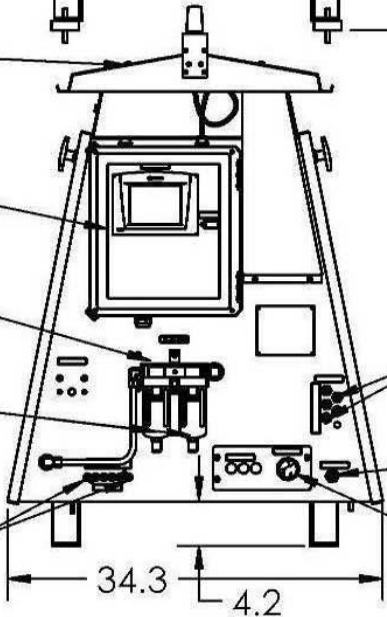
Shown with Sun Shield
for Outdoor Use over
Intake Filter Assembly

Control Box

Air Dryer Assembly

Note: Condensing Drains

Oxidant Output Ports
Use Only Stainless or
Teflon Tubing



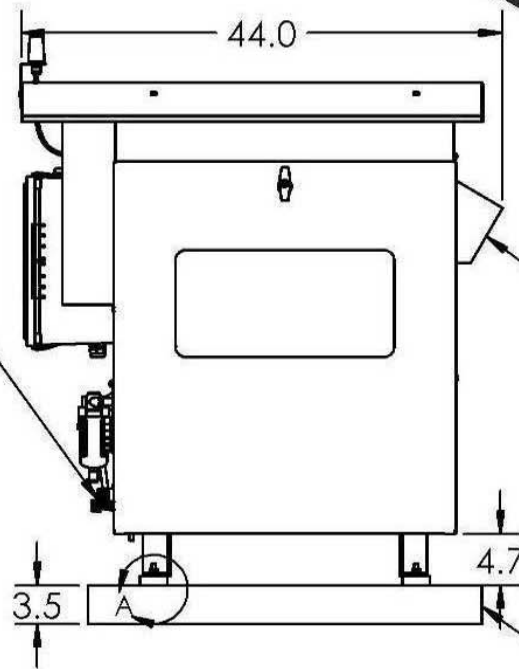
See Detail for Nozzle
Installation Options

1/4" Water OUT
Ports To Nozzle(s)

Water IN
From Supply

Blower OUT
to Nozzle(s)

34.3 4.2



See Exhaust Options
For Indoor Installations

Concrete Pad Requirements
- Dim 36.0 x 36.0 x 3.5 Thick
- Recommended: 48" x 48" x 3.5"

