

Odor Beast



The Odor Beast is an ionization-based supply air scrubber used for continuous odor control and corrosion protection for wet wells, lift stations, and manholes that contain high odor and hydrogen sulfide problems. This is a low maintenance and low cost approach to eliminating fugitive odors from a hatch, manhole cover, or exhaust vent while protecting the equipment from hydrogen sulfide related corrosion. The Odor Beast utilizes a waterproof 304 stainless steel enclosure that can be located above or near the wet well using a wall mount, Unistrut assembly or legs. The fan draws air up through the intake screen, over the ionization unit and into the wet well via PVC or stainless steel duct. The Odor Beast is available in two sizes: OB-500 and OB-250.

Enclosure:

Type.....	304 Stainless steel gasketed and hinged front panel
Weight: OB-500	Without legs: 150 lbs With legs: 170 lbs
OB-250.....	Without legs: 120 lbs With legs: 140 lbs

Supply Fan:

OB-500 Airflow at 0 In WG ..	600 CFM
OB-250 Airflow at 0 In WG ..	310 CFM
OB-500 Max Static Pressure	1.5 In WG
OB-250 Max Static Pressure	0.5 In WG

Electrical:

Input Voltage	120 V, 1 Ph, 60 Hz
Operating Current	3 Amp
Field Electrical Connection ..	1/2" Flexible metal conduit (BX)

Ionization Unit:

Model.....	501F (OB-500) 501E (OB-250)
Number of Tubes.....	(5) F-tubes (OB-500) (5) E-tubes (OB-250)
Length	F-tube: 22", E-tube: 14"
Tube Life	8,760 hours (1 year)
SCADA Communication.....	9-Pin dry contact

Safety Features:..... Time delay for ionizer power
..... Door interlock kill switch
..... Motorized shut-off damper with gasketed blade

Max Operating Temp:..... 140° F (60° C)

Dimensions:..... See Figure 1

Optional Accessories:..... 304 Stainless steel legs
..... Heater/thermostat for enclosure

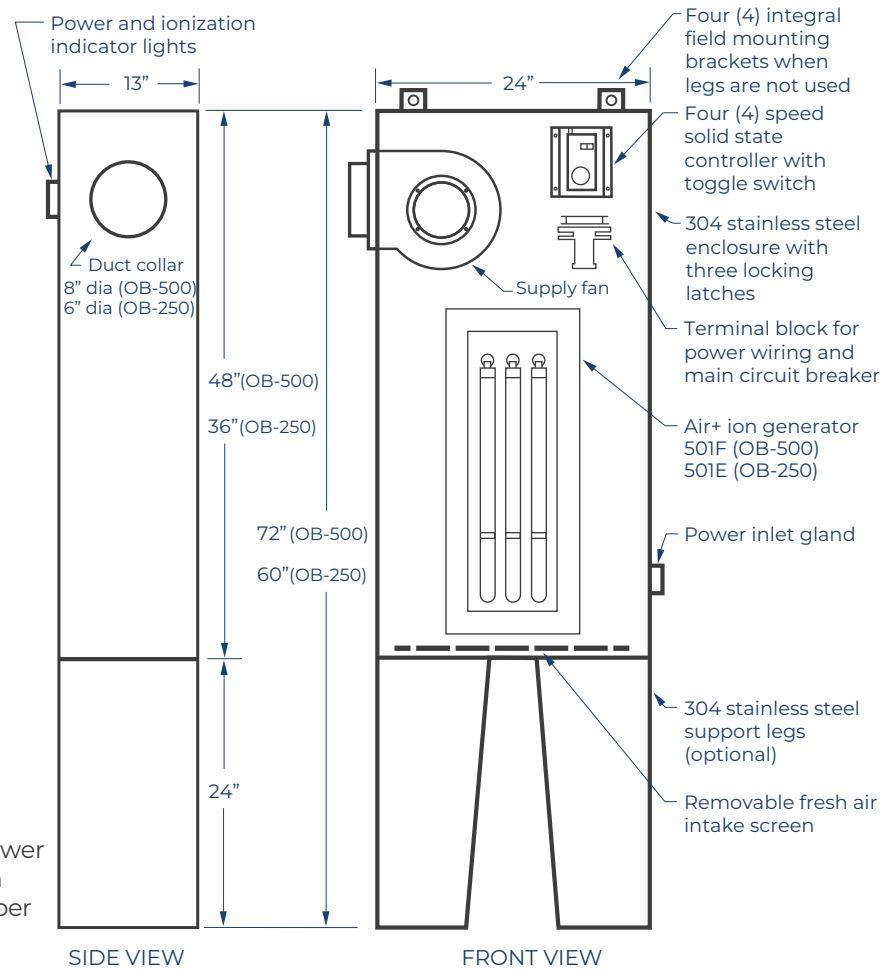


Figure 1 - Dimensions