



Model 450



Model 450 (PLC)



APPLICATIONS

- Petrochemical Plants
- Foundries
- Food Processors
- Wastewater Treatment
- Agriculture
- Landfills
- Pulp & Paper
- Soil Remediation
- And More

To combat strong odors outdoors, the standard 450 Vapor Phase unit is fully encased in durable steel. The optional PLC model is open, for easy pairing with an Ecosorb® 55 gallon drum or 275 gallon tote, and includes color touch screen controls. Each unit delivers continuous dry vapor to eliminate airborne odors from any industrial source.

BENEFITS

- No added water required
- Simple to install, operate & maintain
- Smaller droplets, more absorption
- Flexible & efficient
- Reduced capital expense
- Requires no mixing or dilution
- Zero nozzle maintenance in the distribution system

	Model 450	Model 450 (PLC)
<i>Technical</i>		
Framing	Enclosed	Open with corner protectors
Power	480V, 3 Phase, 60Hz, 4.5 Amps	480V, 3 Phase, 60Hz, 6 Amps
Dimensions	42" x 42" x 36"; 600lbs	44" x 36" x 68"; 600lbs
Blower	3 HP standard blower	3 HP standard blower
Blower Specs	450 CFM @ 15 IWG Static Pressure	450 CFM @ 15 IWG Static Pressure
Blower Outlet Size	6"	6"
<i>Features</i>		
Controls	Conventional	Allen Bradley PLC w/ color touch screen
Product Capacity	45 Gallon (on board tank)	55 Gallon (Drum) or 275 Gallon (Tote)
Liquid Delivery	0.1 - 4.5 GPD	1.0 - 4.5 GPD
Low Liquid Level	Monitoring + Shut off + Alert	Monitoring + Shut off + Alert
Priming	Push to prime	Auto prime
Intake	Filtered	Filtered + Clean Indicator
Monitoring	-	<ul style="list-style-type: none"> • Air & Liquid Pressure • Motor Current & Overload • Liquid Flow • Running Time
<i>Options</i>		
Timer	Digital, Mechanical, Flip-flop	Included
Discharge Outlet Orientation	Rear Horizontal or Vertical	Rear Horizontal or Vertical
Extendable Intake	Side, Back, or Front	Side, Back, or Front
SCADA Remote Monitoring		✓
Alternate Voltage	✓	✓
Wind Direction Optimization	✓	✓
Plant Air Setup	✓	✓
High Pressure Static Version	✓	✓
Blower Motor Soft Start	✓	✓
Freeze Protection Package	✓	✓
Explosion Proof Package	✓	
Sound Insulation Package	✓	
Alternate Blower/Motor Size	✓	✓
Valve Control		✓
Air Flow Indicator		✓

Unit Model	Product Uptake (Max)	Actual Airflow Max (CFM) @FLA	Static Pressure (IWG)		Unit Blower Outlet Pipe Size(in.)	Duct Pipe Dia. (in.)	Single Branch		2 Equal Branches	
			@Rated CFM	@FLA			Pressure Loss/ 100ft (IWG)*	Max. Duct Length (ft.)	Pressure Loss/ 100ft (IWG)*	Max Duct Length (Ft) [TOTAL LENGTH]
450	4.5 GPD	800	14.8	11.6	6	4	20.0	-	10.0	300
						6	4.0	450	1.5	1800
						8	1.0	1200	0.35	7500