



DATASHEET

PPT-24 VAPOR SCRUBBER SYSTEM

DESCRIPTION:

The PPT-24 vapor scrubber is a dual-column, all-poly packed-column wet scrubber designed for corrosive applications. Designed for use where steel is not suitable due to incompatibility. This unit is ideal for use with acids and chlorinated products which normally would cause severe corrosion to steel systems.

Unlike the PPS-24 unit, the towers on this unit do not need to be removed for transport. Unit may be hauled on lowboy trailer and offloaded with forklift. This unit is skid mounted and has a large 450 gallon solution reservoir.

EFFICIENCIES

HAZARDOUS VAPOR	POSSIBLE REMOVAL EFFICIENCIES
Chlorine	99%
Acids	99.9%
Amines	99%
Acrylates	99%
Mercaptans	99%
Hydrogen Sulfide	99.9%
Wastewater Odors	99%
Ammonia	99%



SCRUBBING CHEMICALS

Vapor Tech manufactures a complete line of specialty chemicals designed to maximize scrubber performance and removal efficiency. Some vapors, like common acids, do not require specialty chemicals. Call Vapor Tech and we will recommend the proper chemical media needed for your application.

APPLICATIONS

- Tank Cleaning Vapor Control (corrosive vapors)
 - Acid Storage Tank Vapor Control
 - Ammonia / Chlorine Vapor Control
 - Laboratory Vapor Control
 - Emergency H₂S Scrubber

OPERATIONAL PARAMETERS

Maximum Flow Rate (CFM)	1250
Minimum Flow Rate (CFM)	50
Maximum Pressure (PSI)	1
Maximum Temperature (°F)	140
Pressure Drop Across System (@ 500 CFM)	Approximately 3" of water
Pressure Drop Across System (@ 1000 CFM)	Less than 7" of water

VAPOR SCRUBBER SPECIFICATIONS

Overall Unit Footprint (Scrubber Skid)	70"W x 120"L
Unit Height	108"
Empty Weight (Pounds)	1500
Vapor Inlet	6" Flange
Vapor Outlet	6" Flange
Number of Towers	2
Tower Diameter (Inches)	24
Packing Height (Feet)	7
Reservoir Capacity (Gallons)	450
Available Blower	Air-Horn
Unit Equipped with Mist Eliminator?	YES

