



DATASHEET

PES 30-18 VAPOR SCRUBBER SYSTEM

DESCRIPTION

The PES 30-18 vapor scrubber system is a skid-mounted, all-poly packed-column scrubber designed for corrosive applications. Excellent for small tank exhaust treatment or for laboratories. Unlike previous models, this unit has a large 30 gallon reservoir which extends run times. The small footprint allows this unit to be placed into small areas or rooms. This unit is ideal for scrubbing corrosives such as acids and bases such as ammonia, chlorine, HCL, sodium hydroxide, sulfuric acid, H2S, chlorine based chemicals and many more. The unit comes equipped with magnetic-drive pump to recirculate the solution and can be equipped with many options including level control and pH control/monitoring. A poly centrifugal blower is also an option for this unit which would allow the system to pull up to 100 CFM (or more) into the scrubber system for treatment. Efficiencies as high as 99.9% possible.

OPERATIONAL PARAMETERS

Maximum Flow Rate (CFM)	150
Minimum Flow Rate (CFM)	5
Maximum Pressure (PSI)	1
Maximum Temperature (°F)	140°
Pressure Drop Across System (@ 100 CFM)	Approximately 2" of Water

APPLICATIONS

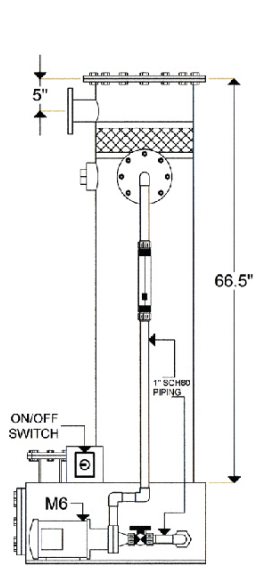
- Acid Storage Tank Vapor Control
- Small Tank Cleaning Activities
 - Laboratory Vapor Control
 - Valve Testing Vapor Control

VAPOR SCRUBBER SPECIFICATIONS

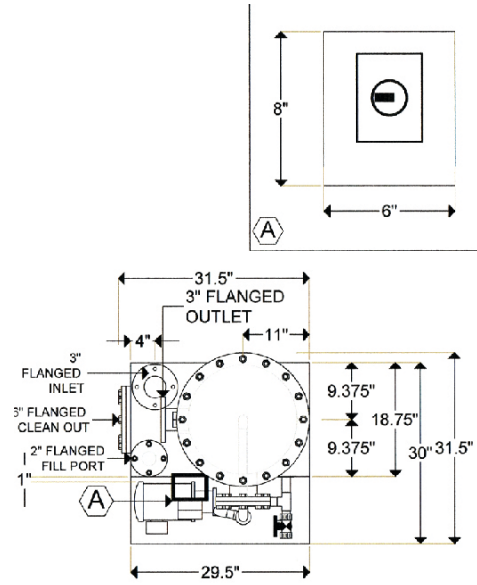
Overall Unit Footprint (Scrubber Skid)	29.5"L X 30"L X 80.75"H
Empty Weight (Pounds)	250
Vapor Inlet	3" Flange
Vapor Outlet	3" Flange
Number of Towers	1
Tower Diameter (Inches)	18
Packing Height (Feet)	3.5
Reservoir Capacity (Gallons)	30
Re-Circulation Pump Type	Electric Magnetic-Drive
Number of Pumps	1
Unit Equipped with Mist Eliminator?	YES



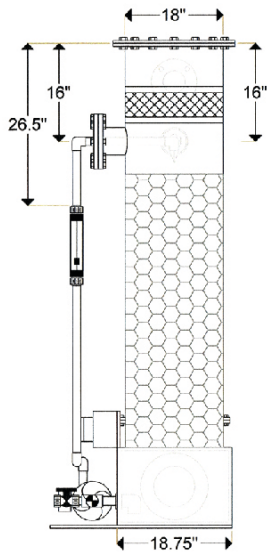
PRODUCT DRAWINGS



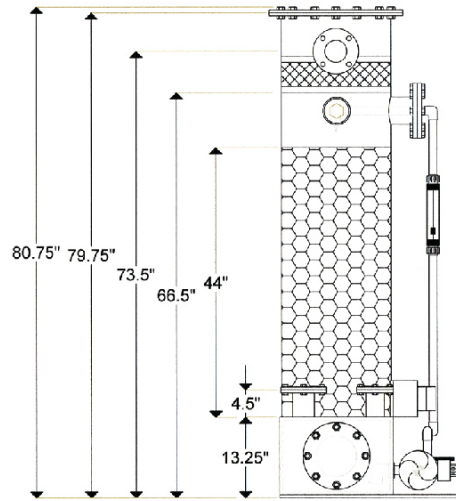
FRONT VIEW



TOP VIEW



RIGHT SIDE VIEW



LEFT SIDE VIEW