

## Vapor Low Pressure Steel Drum Filters VLP 175-350 lb. Vessels



The VLP series vapor phase carbon filters are designed for low flow water treatment applications. While small in size, these filters contain all the operating elements that you would find in a full-scale adsorption system. These economical treatment filters hold 175–350 pounds of activated carbon or any variety of media with flow rates of up to 350 CFM.

### Applications

- Small Wastewater Streams
- Groundwater Remediation
- Underground Storage Tank Cleanup
- Dissolved Organic Removal
- Product Purification
- Tank Cleaning
- Pilot Testing
- Emergency Spill Treatment
- Monitoring Well Water Treatment

### Installation, Start Up and Operation

The VLP absorbers are shipped filled with dry activated carbon that must be properly wetted and deaerated prior to use.

MAE<sup>2</sup>'s engineering team can assist you with additional details for your specific application including installation, ideal operating conditions and carbon consumption estimates.

### Features

- Low cost per unit
- Simple Installation and Operation
- Flexibility to be used in series of parallel operation
- Can be supplied with various medias
- Modular design for easy and rapid deployment and installation

### Specifications

Vapor Low Pressure Steel Filters	55	85	110
Dimensions: diameter x overall height	24" x 36"	28" x 41"	32" x 43"
Vessel Construction	Carbon Steel	Carbon Steel	Carbon Steel
Inlet/Outlet Connection	2 " FNPT	2 " FNPT	2 " FNPT
Pounds of Carbon	175	250	350
Internal Piping	False Floor	False Floor	False Floor
Interior Coating	Epoxy	Epoxy	Epoxy
Exterior Coating	Enamel	Enamel	Enamel
Carbon Bed Volume (cu.ft.)	6.4	8.9	12.5
Cross Section (sq.ft.)	2.8	3.7	4.9
Shipping Vessel Weight (lbs)	255	370	475
Operational Vessel Weight (lbs)	325	500	625
Flow, CFM (max.)	200	250	350
Pressure, PSIG (max.)	8	8	8
Temperature, °F (max)	250°	250°	250°

\*\*The information provided in this literature contains merely general descriptions or characteristics of performance, which in actual case of use do not always apply as, described or which may change as a result of further product development. Specifications provided herein are subject to change without prior notice.

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