

## Vapor High Pressure Steel Filters VHP 250-10,000 lb. Vessels

The VHP series Vapor Phase Carbon filters are designed for water treatment applications. With a wide range of sizes, the VHPS series can fulfill a wide range of applications. These treatment filters hold 250-10,000 pounds of activated carbons or any variety of media with flow rates of up to 3450 CFM.

### Applications

- Wastewater filtration
- Groundwater Remediation
- Underground Storage Tank Cleanup
- Dissolved Organic Removal
- Product Purification
- Tank Cleaning
- Pilot Testing
- Emergency Spill Treatment

### Features

- 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 High Pressure Steel Filters	250	500	1000	2000	3000	5000	10,000
Dimensions: diameter x overall height	24"x 48"	30"x 66"	36"x 80"	48"x 94"	60"x 96"	72"x 108"	96"x 116"
Vessel Construction	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Inlet/Outlet Connection	2 " FNPT/2"MNPT	2 " FNPT	3 " FNPT	4 " FNPT	4 " FNPT	6 " FNPT	6 " FNPT
Pounds of Carbon	250	500	1000	2000	3000	5000	10,000
Internal Piping	Sch 40 PVC	Sch 40 PVC	Sch 40 PVC	Sch 40 PVC	Sch 40 PVC	Sch 40 PVC	Sch 40 PVC
Interior Coating	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy
Exterior Coating	Enamel	Enamel	Enamel	Enamel	Enamel	Enamel	Enamel
Carbon Bed Volume (cu.ft.)	9	18	35	71	107	179	360
Cross Section (sq.ft.)	3.2	5	7	12.5	19.5	28	50
Shipping Vessel Weight (lbs)	420	850	1450	2975	4400	7250	13,050
Operational Vessel Weight (lbs)	480	1000	1750	3475	5150	8450	15,000
Flow, SCFM (max.)	250	300	500	1000	1500	2000	3450
Pressure, PSIG (max.)	12	12	10	10	10	8	8
Temperature, °F (max)	140°	140°	140°	140°	140°	140°	140°

\*\*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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