



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

VP-55D VAPOR PHASE CARBON ADSORBER

DESCRIPTION:

Carbon adsorber designed for hydrogen sulfide and mercaptan vapors. The drum contains approximately 200 pounds of specialized media which converts sulfur compounds into elemental sulfur. The media in this drum will adsorb an impressive 30% of its weight with sulfur compounds (regular carbon only will adsorb 3-4% by weight). This media will also adsorb organics such as hydrocarbons. This unit is designed for small to moderate air flows (10-120 CFM). Vessels are made of very durable steel with stainless steel internal distributor.

PRODUCT USES & APPLICATIONS

- Product Storage Vents
- Process & Reactor Vents
- Wastewater Odor Control
- Sewer Vents
- Lab Applications
- Frac & Mix Tank Vapor Control

Vessel Specifications

Vapor Inlet	2" FNPT
Vapor Outlet	2" FNPT
Monitor Port	3/4" FNPT (fits most breakthrough indicators)
Internal Distributor	Stainless Steel
Dimensions	25" dia x 35" h
Internal/Exterior Coating	Epoxy/Enamel
Carbon Fill Volume	7.0 cu ft
Cross Sectional Area	2.8 sq ft
Approx. Carbon Weight	200 lbs
Vessel Construction	Steel
Shipping Weight	245 lbs (approx)
Options Available	Venturi/Electric Blower, Breakthrough Indicator

OPERATING SPECIFICATIONS

Maximum Flow	120 SCFM
Maximum Pressure	15 psig
Maximum Vacuum	17" Hg
Maximum Temperature	140°
Incompatible Vapors	Ketones & Aldehydes (Fire!)
Fire Hazards	Low Flow with High VOC's

PRESSURE DROP GRAPH (As filled 4x10 GAC)

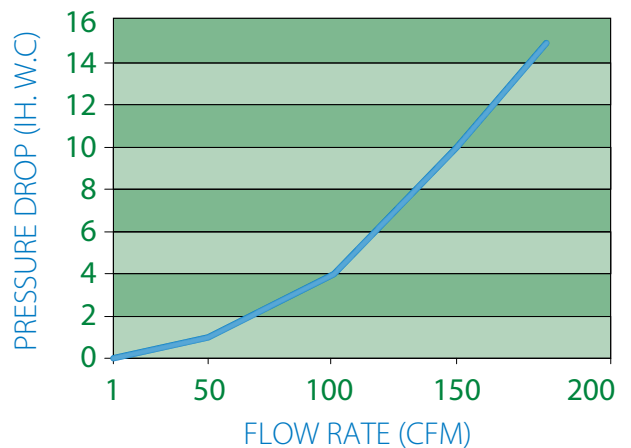
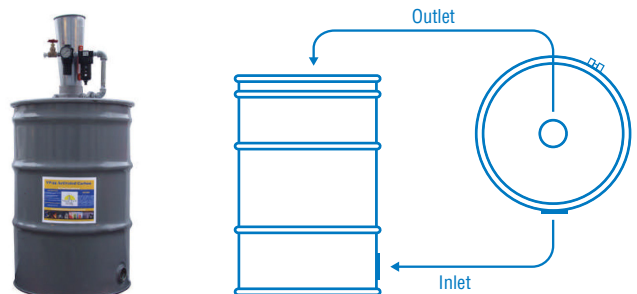


PHOTO & INLET / OUTLET ORIENTATION



VP55 Carbon Vessel Shown with Optional Venturi Blower