



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

VP-55A VAPOR PHASE CARBON ADSORBER FOR AMMONIA/AMINES

DESCRIPTION:

Portable carbon adsorber designed for ammonia and amine vapors. The drum contains approximately 400 pounds of specialized media which is impregnated with acid. When ammonia and amines attach to the active sites of the carbon they are neutralized by the impregnated acid. 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	400 lbs
Vessel Construction	Steel
Shipping Weight	445 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)

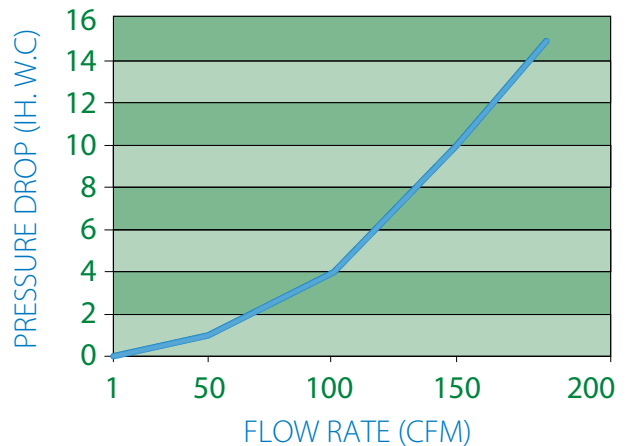
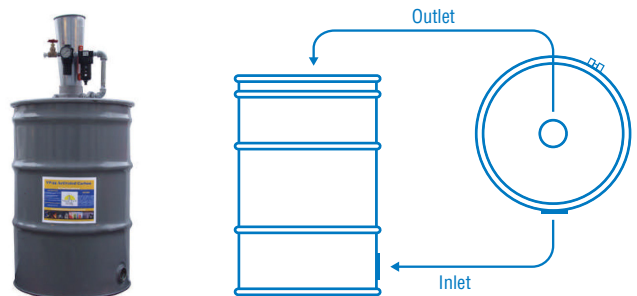


PHOTO & INLET / OUTLET ORIENTATION



VP55 Carbon Vessel Shown with Optional Venturi Blower