VP-55 VAPOR PHASE CARBON ADSORBER

DESCRIPTION:
Portable carbon adsorber vessel capable of filtering many different vapor-phase applications. This unit is designed for small to moderate airflows (10-120 CFM). These are excellent for removing many types of hazardous and odorous vapors from the air including most hydrocarbons. Vessels are made of very durable steel with stainless steel internal distributor. Product compatibility chart available on our website which will determine how well carbon will fit your application.

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
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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)

FLOW RATE (CFM)

PHOTO & INLET / OUTLET ORIENTATION

VP55 Carbon Vessel Shown with Optional Venturi Blower