

# **VCD Series**

## **Dump Style Vapor GAC Vessel**



### **Features & Specifications (Patent Pending)**

- All Welded Steel construction, ASTM A-36 sheet steel
- Polyamide epoxy/urethane top coat finish inside & out
- Air plenum above and below the bed to minimize pressure loss and maintain even distribution across bed at low and high flows
  - ¾" Drain valve
- Sample/pressure taps above & below the bed
- 22" Diameter top manway(s) with full faced neoprene gasket and zinc plated hardware
- Steel bar grating bed support deck with 316 stainless steel screen  
Optional air filter with polyester element sized for specific blower, housed in separator (polyester element standard)
- Manual chain hoist to lift vessel for easy changeout of carbon

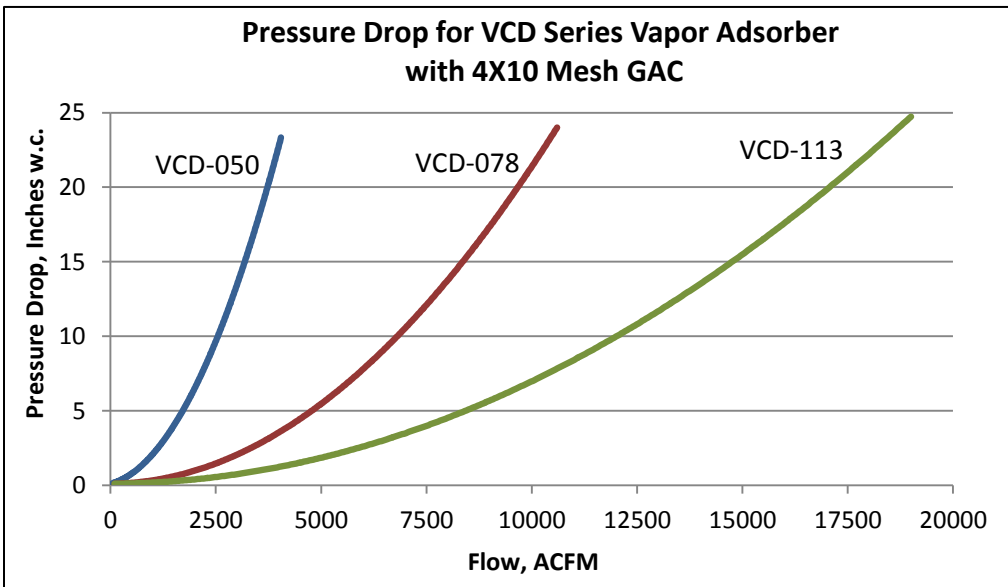
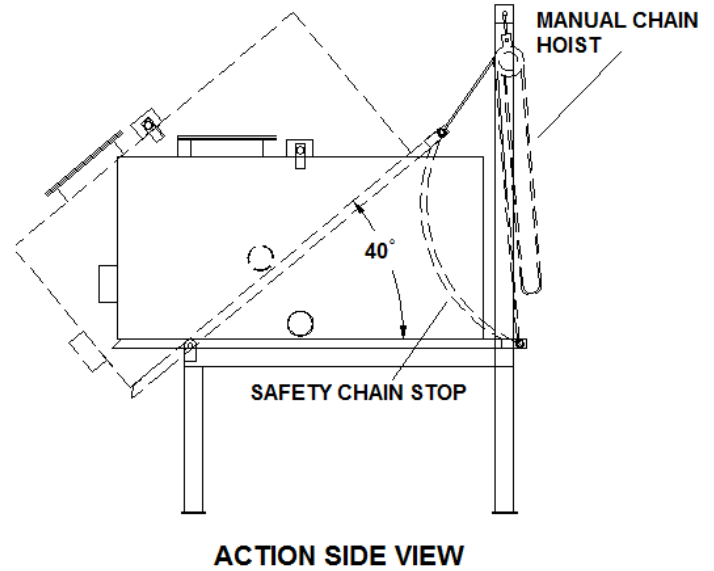
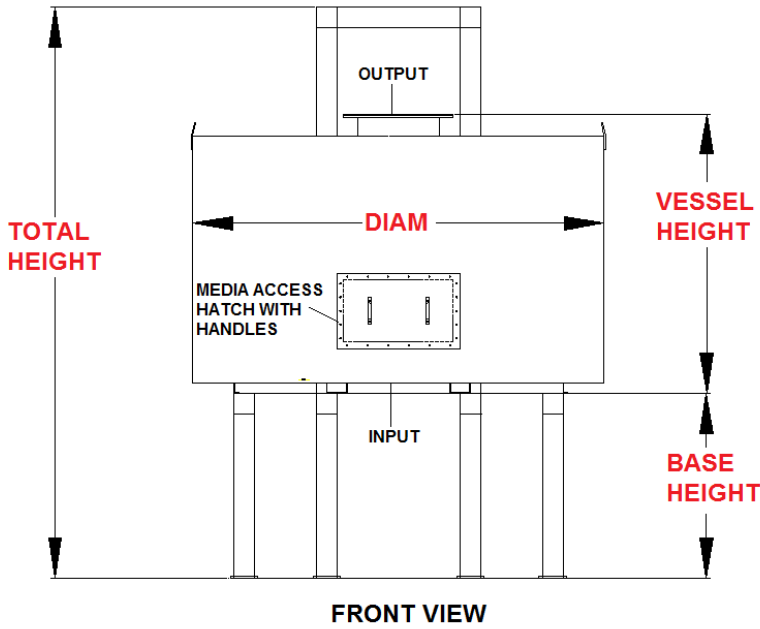


### **Applications**

- **No expensive vacuum truck needed for carbon exchanges**
- Vapor phase granular activated carbon
- Impregnated granular activated carbon
- Impregnated activated clays/zeolite
- Vapor phase polymers & resins
- Bio venting & bio-pile systems
- Soil vapor/dual phase extraction off gas treatment
- Air stripper off gas treatment
- Excavation venting
- Remediation industry
- Odor control

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Model Number	Inlet/Outlet Connection	Diam In.	Base Height In.	Vessel Height In.	Total Height In.	Rated Flow SCFM	Carbon Capacity Lbs.	Empty Weight Lbs.	Operating Weight Lbs.	Vacuum/Pressure Rating, "Hg/PSI
VCD-050	12" dia.x 1/4" plate flange	96	48	84	167	5,000	5,000	5,500	10,500	8" Hg/4psi
VCD-078	24" dia.x 1/4" plate flange	120	54	84	167	7,800	6,000	7,000	13,000	4" Hg/2psi



### Options

- Stainless steel or Fiberglass reinforced plastic construction
- Piping header or ducting for series, parallel or standby operation of (2), (3), or more vessels
- ASME designed & stamped for vacuum or pressure
- Heat trace for classified or non-classified electrical areas for freeze protection
- R-5 insulation with jacket, (steel or aluminum jacket)
- Higher Pressure or vacuum design
- Pressure relief assemblies, PRV or rupture disk
- Flow, pressure, level & temperature gages or transmitters
- Flanged or NPT inlet and outlet connections or additional manway

# Additional Photos

