

VC Series

Vapor Phase GAC Carbon Vessel



Applications

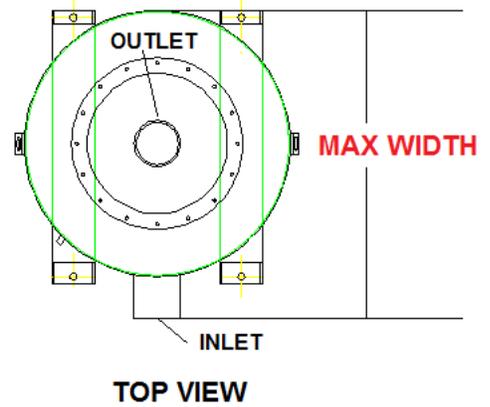
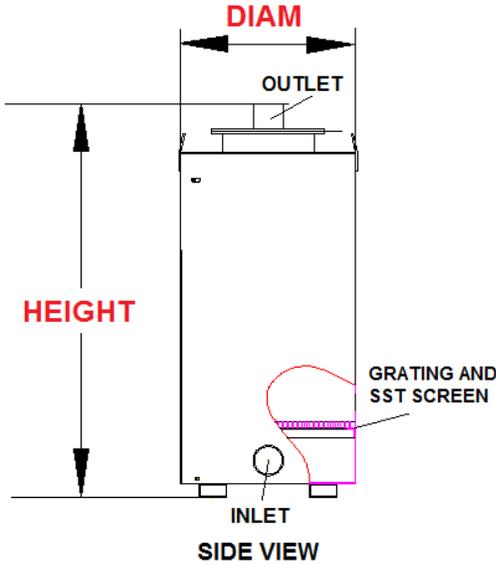
- Vapor phase granular activated carbon
- Impregnated granular activated carbon
- Impregnated activated clays/zeolite
- Vapor phase polymers & resins
- Bio venting & bio-pile systems
- Soil vapor/dual phase extraction off gas treatment
- Air stripper off gas treatment
- Excavation venting
- Remediation industry
- Odor control

Features & Specifications

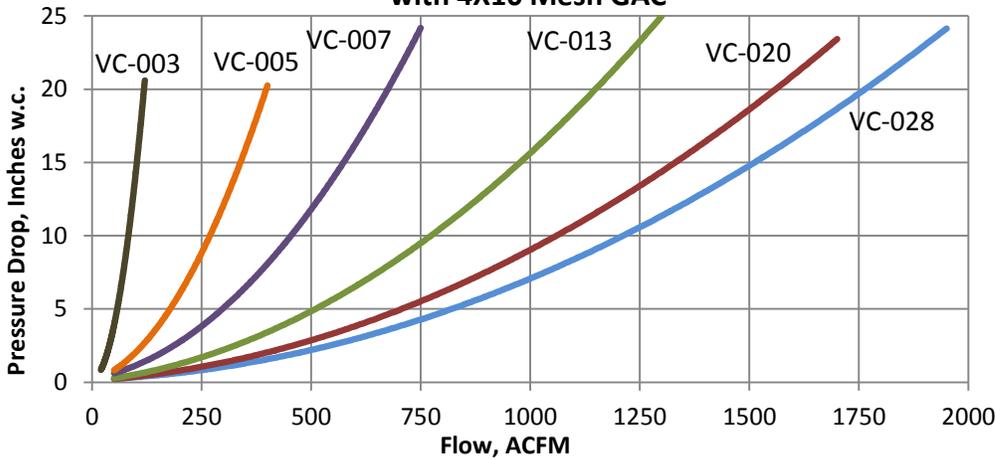
- All Welded Steel construction, ASTM A-36 sheet steel
- Polyamide epoxy/urethane top coat finish inside & out
- Fork tubes for easy lifting
- Air plenum above and below the bed to minimize pressure loss and maintain even distribution across bed at low and high flows
- 3/4" Drain valve
- Sample/pressure taps above & below the bed
- Less than 8' overall height to allow easy transport and loading on common carrier
- 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)

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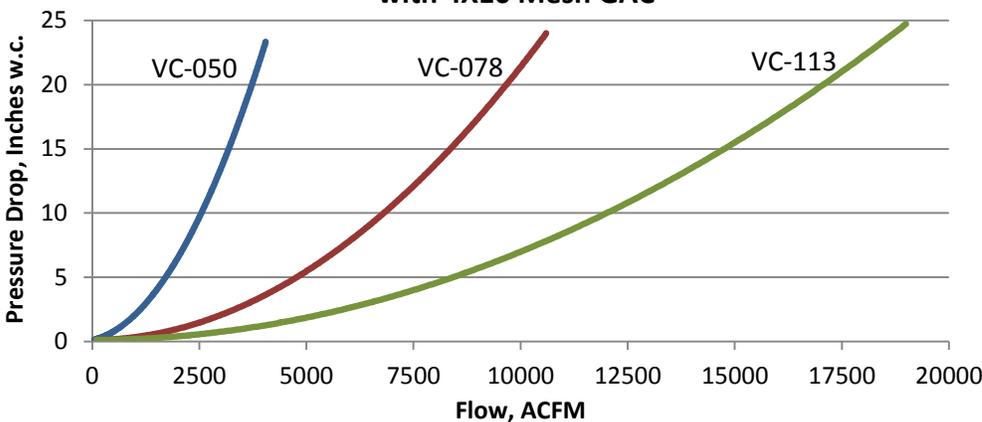
Model Number	Inlet/Outlet Connection	Height In.	Diam. In.	Max Width In.	Rated Flow SCFM	Carbon Capacity Lbs.	Empty Weight Lbs.	Operating Weight Lbs.	Vacuum/Pressure Rating, "Hg/PSI
VC-003	2" FPT (top in & out)	36½	24 ¼	24 ¼	120	200	65	275	17"Hg/10psi
VC-003.5	4" FPT (top in & out)	38½	28 ½	28 ½	250	250	100	350	17"Hg/9psi
VC-005	4" FPT	67	30	36	400	500	375	900	17"Hg/9psi
VC-007	6" FPT	84	38	44	700	1,000	700	1,800	17"Hg/9psi
VC-013	6" FPT	84	48	54	1,100	1,500	950	2,450	10"Hg/5psi
VC-020	8" dia.x¼" plate flange	84	60	66	1,600	2,000	1,200	3,200	10"Hg/5psi
VC-028	8" dia.x¼" plate flange	84	72	78	1,800	3,000	1,800	4,980	8"Hg/4psi
VC-050	12" dia.x¼" plate flange	84	96	102	3,700	5,000	2,900	8,000	8"Hg/4psi



Pressure Drop for VC Series Vapor Adsorber with 4X10 Mesh GAC



Pressure Drop for VC Series Vapor Adsorber with 4X10 Mesh GAC



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

