

Vapor Phase Carbon Media

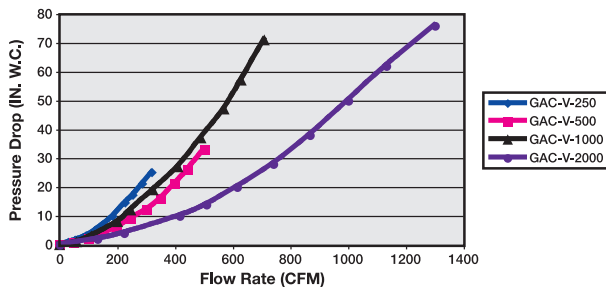
GAC-V Filter – 250-2000 lb. (113.4-907.2 kg) Vessels

The GAC-V Filter is a media filter vessel designed to treat vapor streams. While the typical design application is activated carbon adsorbent unit, the filter vessel can easily accommodate a variety of media.

APPLICATIONS

- Vapor phase organics removal (activated carbon)
- SVE off gas treatment
- Air stripper off gas treatment
- Odor off gas treatment
- Storage tank purge vapor treatment
- Pilot study
- Industrial process treatment
- Call Geotech for larger systems

PRESSURE DROP VS. FLOW RATE



SPECIFICATIONS

Model	GAC-V-250	GAC-V-500	GAC-V-1000	GAC-V-2000
Overall Height	3' 11" (1.2m)	5' 3" (1.6m)	6' 5" (2m)	7' 7" (2.3m)
Diameter	24" (.61m)	30" (.76m)	36" (.9m)	48" (1.2m)
Inlet / Outlet (FNPT)	2"	2"	3"	4"
Drain / Vent (FNPT)	OPT	½"	½"	¾"
GAC Fill	250 lbs. (113.4 kg)	500 lbs. (226.8 kg)	1000 lbs. (453.6 kg)	2000 lbs. (907.2 kg)
Shipping / Operational Weight	415 / 475 lbs. (118 / 215 kg)	875 / 1,000 lbs. (397 / 454 kg)	1,500 / 1,750 lbs. (680 / 794 kg)	2,925 / 3,425 lbs. (1327 / 1553 kg)
Vessel / Internal Piping	CS / SCH 40 PVC	CS / SCH 40 PVC	CS / SCH 40 PVC	CS / SCH 40 PVC
Internal Coating	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin
External Coating	Urethane Enamel	Urethane Enamel	Urethane Enamel	Urethane Enamel
Maximum Pressure / Temperature	10 psig / 140°F (.7 bar / 60°C)	10 psig / 140°F (.7 bar / 60°C)	10 psig / 140°F (.7 bar / 60°C)	10 psig / 140°F (.7 bar / 60°C)
Cross Sectional Bed Area	3.1 ft. ² (.29m ²)	4.9 ft. ² (.45m ²)	7 ft. ² (.65m ²)	12.5 ft. ² (1.16m ²)
Bed Depth / Volume	2.9 ft. / 8.9 ft. ³ (.89m / .25m ³)	3.6 ft. / 17.9 ft. ³ (1.1m / .5m ³)	5 ft. / 35 ft. ³ (1.5m / .99m ³)	5.7 ft. / 71 ft. ³ (1.7m / 2m ³)

CALL GEOTECH TODAY (800) 833-7958

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