

Vapor Phase Carbon Media

GAC-V Filter – 100-350 lb. (45.4-159 kg) Vessels

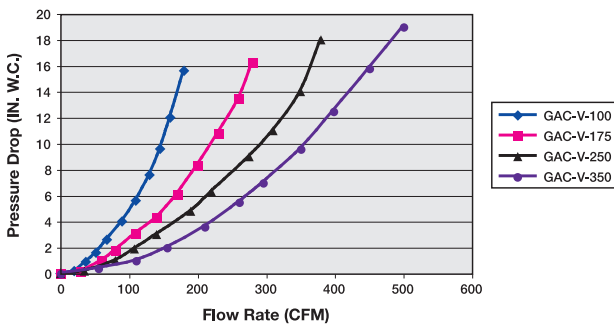
The GAC-V Filter is a media filter vessel designed to treat vapor streams. While the typical design application is activated carbon adsorbent unit, the filter vessel can easily accommodate a variety of media.

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-100	GAC-V-175	GAC-V-250	GAC-V-350
Overall Height	2'6" (.76m)	2'10" (.86m)	3'3" (1m)	3'7" (1.1m)
Diameter	18" (.46m)	23" (.58m)	28" (.71m)	32" (.81m)
Inlet / Outlet (FNPT)	2"	2"	2"	2"
Drain / Vent (FNPT)	OPT	OPT	OPT	OPT
GAC Fill (lbs.)	100 (45.4 kg)	175 (79.4 kg)	250 (113.4 kg)	350 (158.8 kg)
Shipping / Operational Weight	135 / 160 lbs. (61.2 / 72.6 kg)	225 / 300 lbs. (102 / 136 kg)	325 / 455 lbs. (147.4 / 206.4 kg)	450 / 600 lbs. (204.1 / 272.1 kg)
Vessel / Internal Piping	CS / CS (False Floor)	CS / CS (False Floor)	CS / CS (False Floor)	CS / CS (False Floor)
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	4 psig / 250°F (.3 bar / 121°C)	4 psig / 250°F (.3 bar / 121°C)	4 psig / 250°F (.3 bar / 121°C)	4 psig / 250°F (.3 bar / 121°C)
Cross Sectional Bed Area	2.8 ft. ² (.26m ²)	2.8 ft. ² (.26m ²)	3.7 ft. ² (.34m ²)	4.9 ft. ² (.45m ²)
Bed Depth / Volume	2.2 ft. / 6.3 ft. ³ (.7m / .18m ³)	2.2 ft. / 6.3 ft. ³ (.7m / .18m ³)	2.4 ft. / 8.9 ft. ³ (.73m / .25m ³)	2.6 ft. / 12.5 ft. ³ (.8m / .35m ³)

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com