

# Vapor Phase Carbon Media

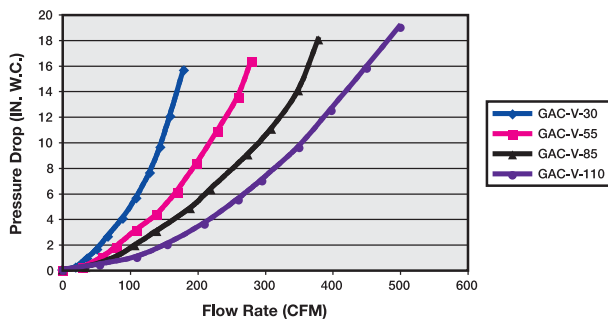
## GAC-V Filter – 30-110 lb. (13.6-50 kg) Vessels

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-30	GAC-V-55	GAC-V-85	GAC-V-110
<b>Overall Height</b>	2'6" (.76m)	2'10" (.86m)	3'3" (1m)	3'7" (1.1m)
<b>Diameter</b>	18" (.46m)	23" (.58m)	28" (.71m)	32" (.81m)
<b>Inlet/Outlet (FNPT)</b>	2"	2"	2"	2"
<b>Drain/Vent (FNPT)</b>	OPT	OPT	OPT	OPT
<b>GAC Fill (lbs.)</b>	100 (45.4 kg)	175 (79.4 kg)	250 (113.4 kg)	350 (158.8 kg)
<b>Shipping/Operational Weight</b>	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)
<b>Vessel/Internal Piping</b>	CS/CS (False Floor)	CS/CS (False Floor)	CS/CS (False Floor)	CS/CS (False Floor)
<b>Internal Coating</b>	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin
<b>External Coating</b>	Urethane Enamel	Urethane Enamel	Urethane Enamel	Urethane Enamel
<b>Maximum Pressure/Temperature</b>	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)
<b>Cross Sectional Bed Area</b>	2.8 ft. <sup>2</sup> (.26m <sup>2</sup> )	2.8 ft. <sup>2</sup> (.26m <sup>2</sup> )	3.7 ft. <sup>2</sup> (.34m <sup>2</sup> )	4.9 ft. <sup>2</sup> (.45m <sup>2</sup> )
<b>Bed Depth/Volume</b>	2.2 ft./6.3 ft. <sup>3</sup> (.7m/.18m <sup>3</sup> )	2.2 ft./6.3 ft. <sup>3</sup> (.7m/.18m <sup>3</sup> )	2.4 ft./8.9 ft. <sup>3</sup> (.73m/.25m <sup>3</sup> )	2.6 ft./12.5 ft. <sup>3</sup> (.8m/.35m <sup>3</sup> )

**CALL GEOTECH TODAY (800) 833-7958**

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