

# Liquid Phase Carbon Media

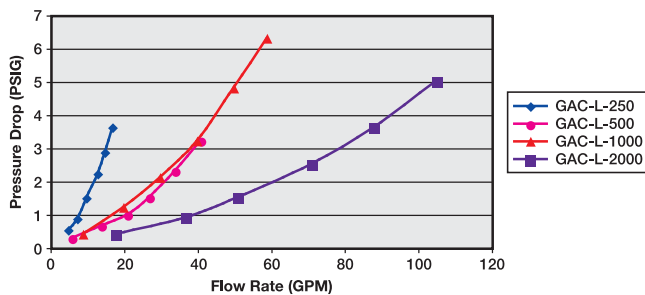
## GAC-L Filter – 250-2000 lb. (113-907 kg) Vessels

The GAC-L filter is a media filter vessel designed to treat liquid streams. While the typical design application is activated carbon adsorbent unit, the filter can easily accommodate many media types.

### APPLICATIONS

- Dissolved Organic Removal (Activated Carbon)
- Suspended Solids Removal (Sand Filter)
- Dissolved Minerals (Softener Resin)
- Oil and Grease Removal (Organo-Clays)
- Dissolved and Precipitated Metals Removal
- Special Organics (Resin/Carbon Blend)
- Catalytic Reactor (Chlorine and Peroxide Removal)
- Bio-Remediation Contactor Unit
- Call Geotech for larger systems

### PRESSURE DROP VS. RATE



### SPECIFICATIONS

Model	GAC-L-250	GAC-L-500	GAC-L-1000	GAC-L-2000
<b>Overall Height</b>	4'1" (1.2m)	5'2" (1.6m)	6'2" (1.9m)	7'4" (2.2m)
<b>Diameter</b>	24" (61cm)	30" (76cm)	36" (91cm)	48" (122cm)
<b>Inlet/Outlet (FNPT)</b>	2" (5cm)	2" (5cm)	2" (5cm)	3" (7.6cm)
<b>Drain/Vent (FNPT)</b>	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)
<b>GAC Fill</b>	250 lbs. (113 kg)	500 lbs. (227 kg)	1000 lbs. (454 kg)	2000 lbs. (907 kg)
<b>Shipping/Operational Weight</b>	415/850 lbs. (188/385.5 kg)	875/1,765 lbs. (397/800 kg)	1,500/3,100 lbs. (680/1406 kg)	2,925/6,400 lbs. (1327/2903 kg)
<b>Vessel/Internal Piping</b>	CS (SA-36)/SCH 40 PVC	CS (SA-36)/SCH 40 PVC	CS (SA-36)/SCH 40 PVC	CS (SA-36)/SCH 40 PVC
<b>Internal Coating</b>	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin
<b>External Coating</b>	Epoxy Mastic	Epoxy Mastic	Epoxy Mastic	Epoxy Mastic
<b>Maximum Pressure/Temperature</b>	60 PSIG/140°F (4 bar/60°C)	40 PSIG/140°F (2.7 bar/60°C)	40 PSIG/140°F (2.7 bar/60°C)	40 PSIG/140°F (2.7 bar/60°C)
<b>Cross Sectional Bed Area</b>	3.1 ft. <sup>2</sup> (.3 m <sup>2</sup> )	4.9 ft. <sup>2</sup> (.5 m <sup>2</sup> )	7 ft. <sup>2</sup> (.6 m <sup>2</sup> )	12.5 ft. <sup>2</sup> (1.2 m <sup>2</sup> )
<b>Bed Depth/Volume</b>	2.8 ft./8.7 ft. <sup>3</sup> (.8 m <sup>3</sup> )	3.4 ft./16.7 ft. <sup>3</sup> (1 m <sup>3</sup> )	5 ft./33 ft. <sup>3</sup> (1.5 m <sup>3</sup> )	5.5 ft./68.7 ft. <sup>3</sup> (1.7 m <sup>3</sup> )

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

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