

# Liquid Phase Carbon Media

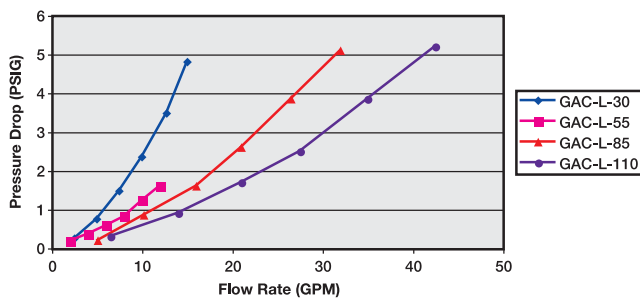
## GAC-L Filter – 100-400 lb. (45-181 kg) Vessels

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-30	GAC-L-55	GAC-L-85	GAC-L-110
<b>Overall Height</b>	2'6" (76cm)	2'10" (86cm)	3'3" (99cm)	3'7" (109cm)
<b>Diameter</b>	18" (45.7cm)	23" (58.4cm)	26" (66cm)	30" (76.2cm)
<b>Inlet/Outlet (FNPT)</b>	2" (5cm)	2" (5cm)	2" (5cm)	2" (5cm)
<b>Drain/Vent (FNPT)</b>	OPT	OPT	OPT	OPT
<b>GAC Fill</b>	100 lbs. (45.4 kg)	200 lbs. (90.7 kg)	300 lbs. (136 kg)	400 lbs. (181 kg)
<b>Shipping/Operational Weight</b>	135/325 lbs. (61/147 kg)	250/595 lbs. (113/270 kg)	380/905 lbs. (172/410 kg)	500/1,170 lbs. (227/530 kg)
<b>Vessel/Internal Piping</b>	CS/SCH 40 PVC	CS/SCH 40 PVC	CS/SCH 40 PVC	CS/SCH 40 PVC
<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>	12 PSIG/140°F (.8 bar/60°C)	10 PSIG/140°F (.7 bar/60°C)	8 PSIG/140°F (.5 bar/60°C)	3 PSIG/140°F (.2 bar/60°C)
<b>Cross Sectional Bed Area</b>	1.8 ft. <sup>2</sup> (.167 m <sup>2</sup> )	2.8 ft. <sup>2</sup> (.26 m <sup>2</sup> )	3.7 ft. <sup>2</sup> (.34 m <sup>2</sup> )	4.9 ft. <sup>2</sup> (.45 m <sup>2</sup> )
<b>Bed Depth/Volume</b>	1.8 ft./3.3 ft. <sup>3</sup> (55cm/.09 m <sup>3</sup> )	2.4 ft./6.6 ft. <sup>3</sup> (73cm/.2 m <sup>3</sup> )	2.7 ft./10 ft. <sup>3</sup> (82cm/.3 m <sup>3</sup> )	2.7 ft./13 ft. <sup>3</sup> (82cm/.4 m <sup>3</sup> )

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

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