

Liquid Phase Carbon Media

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

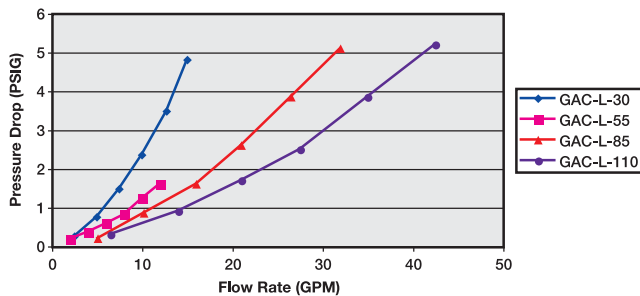
The GAC-L filter is a media filter vessel designed to treat liquid streams. While the typical design application is activated carbon adsorbent unit, the filter can easily accommodate many media types.

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
Overall Height	2'6" (76cm)	2'10" (86cm)	3'3" (99cm)	3'7" (109cm)
Diameter	18" (45.7cm)	23" (58.4cm)	26" (66cm)	30" (76.2cm)
Inlet/Outlet (FNPT)	2" (5cm)	2" (5cm)	2" (5cm)	2" (5cm)
Drain/Vent (FNPT)	OPT	OPT	OPT	OPT
GAC Fill	100 lbs. (45.4 kg)	200 lbs. (90.7 kg)	300 lbs. (136 kg)	400 lbs. (181 kg)
Shipping/Operational Weight	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)
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	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)
Cross Sectional Bed Area	1.8 ft. ² (.167 m ²)	2.8 ft. ² (.26 m ²)	3.7 ft. ² (.34 m ²)	4.9 ft. ² (.45 m ²)
Bed Depth/Volume	1.8 ft./3.3 ft. ³ (55cm/.09 m ³)	2.4 ft./6.6 ft. ³ (73cm/.2 m ³)	2.7 ft./10 ft. ³ (82cm/.3 m ³)	2.7 ft./13 ft. ³ (82cm/.4 m ³)

CALL GEOTECH TODAY (800) 833-7958

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