

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

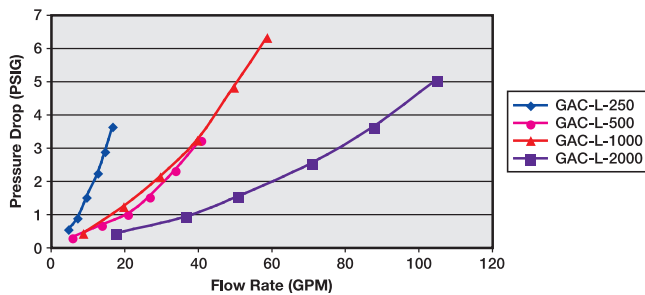


Image for reference only.

SPECIFICATIONS

Model	GAC-L-250	GAC-L-500	GAC-L-1000	GAC-L-2000
Overall Height	4'1" (1.2m)	5'2" (1.6m)	6'2" (1.9m)	7'4" (2.2m)
Diameter	24" (61cm)	30" (76cm)	36" (91cm)	48" (122cm)
Inlet/Outlet (FNPT)	2" (5cm)	2" (5cm)	2" (5cm)	3" (7.6cm)
Drain / Vent (FNPT)	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)	OPT ¼" (6.3mm)
GAC Fill	250 lbs. (113 kg)	500 lbs. (227 kg)	1000 lbs. (454 kg)	2000 lbs. (907 kg)
Shipping / Operational Weight	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)
Vessel / Internal Piping	CS (SA-36) SS	CS (SA-36) / SCH 40 SS	CS (SA-36) / SCH 40 SS	CS (SA-36) / SCH 40 SS
Internal Coating	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin	Polyamide Epoxy Resin
External Coating	Epoxy Mastic	Epoxy Mastic	Epoxy Mastic	Epoxy Mastic
Maximum Pressure / Temperature	60 PSIG / 140°F (4 bar / 60°C)	75 PSIG / 140°F (5.2 bar / 60°C)	75 PSIG / 140°F (5.2 bar / 60°C)	75 PSIG / 140°F (5.2 bar / 60°C)
Cross Sectional Bed Area	3.1 ft. ² (.3 m ²)	4.9 ft. ² (.5 m ²)	7 ft. ² (.6 m ²)	12.5 ft. ² (1.2 m ²)
Bed Depth / Volume	2.8 ft. / 8.7 ft. ³ (.8 m / .2 m ³)	3.4 ft. / 16.7 ft. ³ (1 m / .5 m ³)	5 ft. / 33 ft. ³ (1.5 m / .9 m ³)	5.5 ft. / 68.7 ft. ³ (1.7 m / 1.9 m ³)

CALL GEOTECH TODAY (800) 833-7958

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