

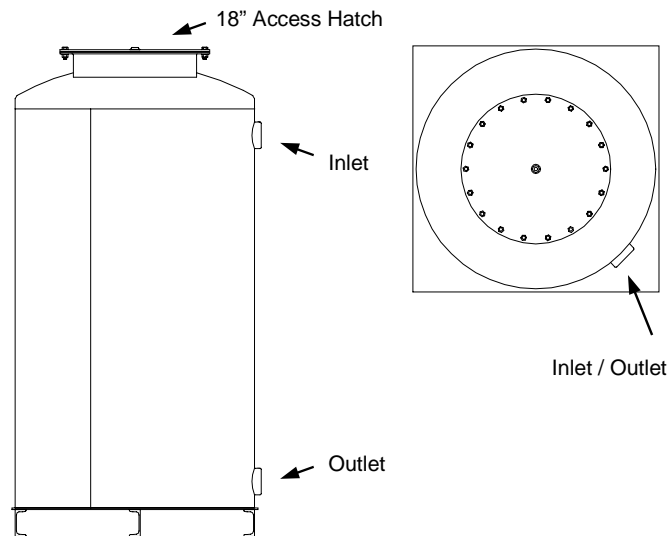
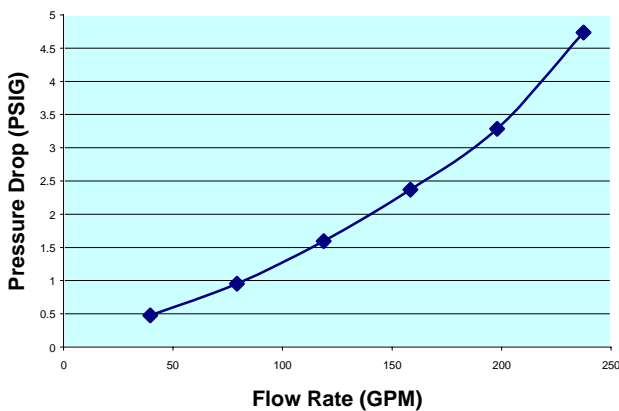
The AF-5000 filter is a media filter vessel designed to treat liquid streams. While the typical design application is a activated carbon adsorption unit, the filter can easily accommodate many medias. Some applications include:

- 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



(Similar Vessel Pictured)

PRESSURE DROP GRAPH
(As Filled - 8*30 GAC)



AF-5000 SPECIFICATIONS			
Overall Height	8'10"	Vessel/Internal Piping Materials	CS (SA-36) / SCH 40 PVC
Diameter	72"	Internal Coating	Polyamide Epoxy Resin
Inlet / Outlet (FNPT)	4"	External Coating	Epoxy Mastic
Drain / Vent (FNPT)	OPT / 1/4"	Maximum Pressure / Temp	40 PSIG / 140° F
GAC Fill (lbs)	5000	Cross Sectional Bed Area	28 FT ²
Shipping / Operational Weight (lbs)	7,300/16,550	Bed Depth/Volume	6 FT / 168 FT ³