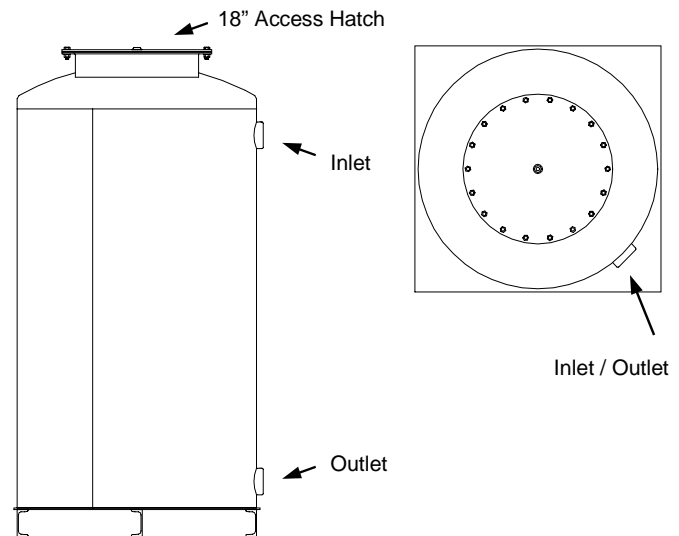
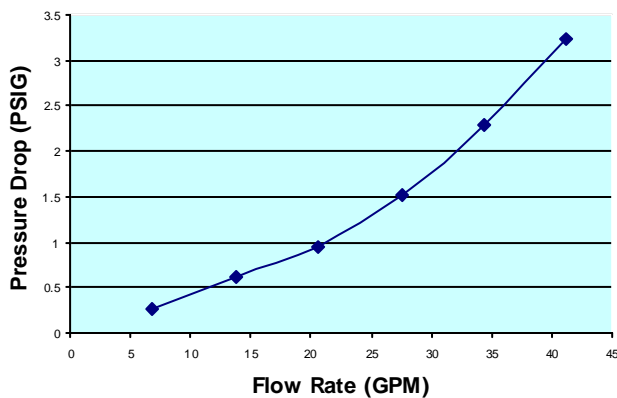


The AF-500 filter is a media filter vessel designed to treat liquid streams. While the typical design application is a activated carbon adsorbion unit, the filter can easily accommodate many medias. Some applications include:

- 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



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



AF-500 SPECIFICATIONS			
Overall Height	5'2"	Vessel/Internal Piping Materials	CS (SA-36) / SCH 40 PVC
Diameter	30"	Internal Coating	Coal Tar Epoxy Resin
Inlet / Outlet (FNPT)	2"	External Coating	Epoxy Mastic
Drain / Vent (FNPT)	OPT / 1/4"	Maximum Pressure / Temp	40 PSIG / 140° F
GAC Fill (lbs)	500	Cross Sectional Bed Area	4.9 FT <sup>2</sup>
Shipping / Operational Weight (lbs)	875/1,765	Bed Depth/Volume	3.4 FT / 16.7 FT <sup>3</sup>