

# *LCF Series*

## *Fiberglass Liquid GAC Vessel*



### Applications

- Liquid phase granular activated carbon, virgin or reactivated
- Drinking water for dissolved organics
- Impregnated granular activated carbon, clays, and zeolite
- Excavation dewatering
- Removal of dissolved gasoline range organics (BTEX compounds), & other hydrocarbons from water (including MTBE)
- Removal of dissolved chlorinated organic compounds from water
- Liquid phase polymers & resins
- Removal of dissolved pesticides and other semi-volatile organic compounds from water
- Remediation industry
- Industrial waste water

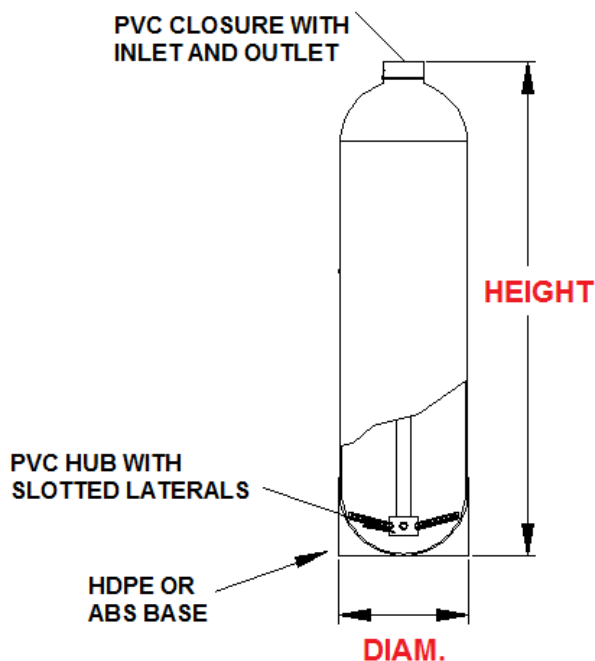
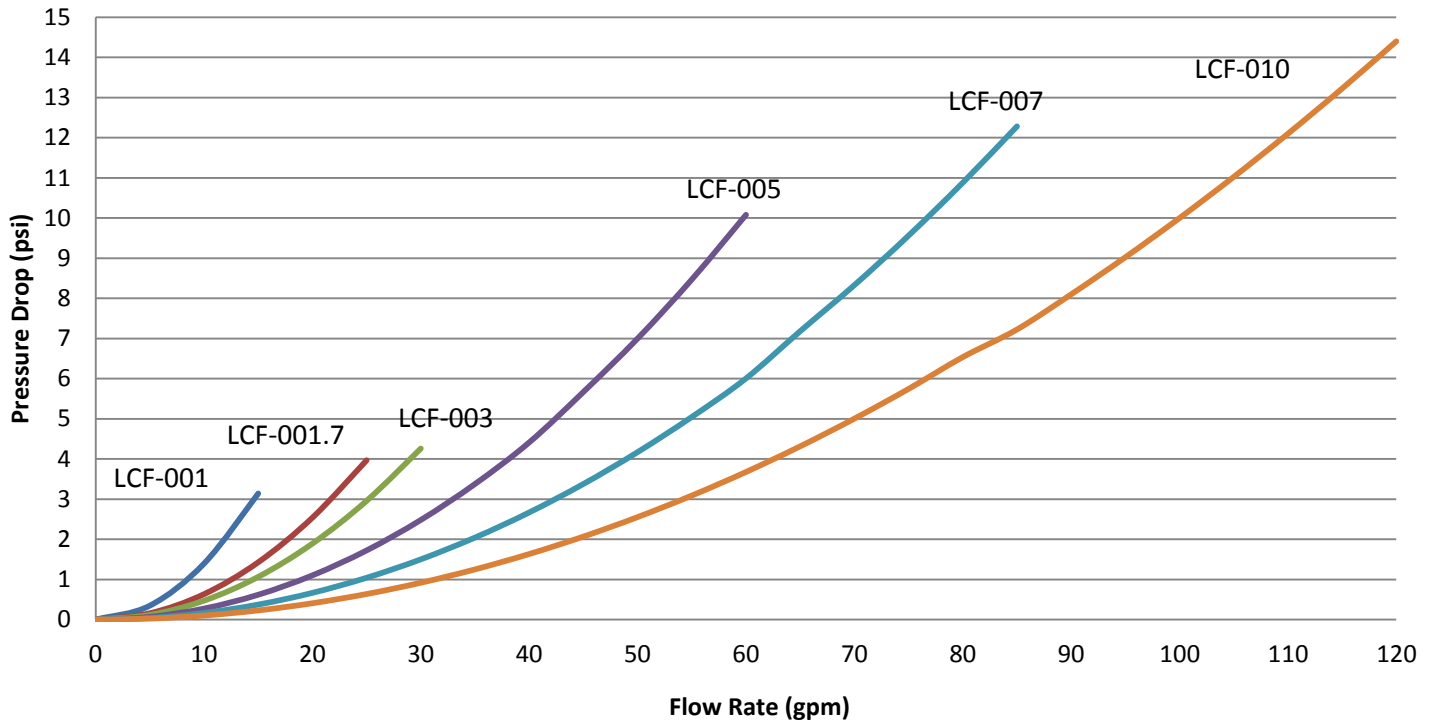
### Features & Specifications

- Polyethylene inner shell (all wetted surfaces) with continuously wound fiberglass exterior shell
- 150 psi pressure rating with 4;1 safety factor
- Typical 4" NPT top fitting for mating to PVC head
- PVC top head with NPT connections
- ABS skirt or tripod base depending on vessel size
- PVC hub and slotted lateral underdrain for distribution at high and low flow rates

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Model Number	Inlet/Outlet Connection	Height In.	Diam. In.	Rated Flow GPM	Carbon Capacity Lbs.	Empty Weight Lbs.	Loaded Weight Lbs.	Operating Weight Lbs.	Spent & Drained Weight Lbs.	Pressure Rating, PSI
LCF-001	1" FNPT	54"	14"	15	90	25	115	255	180	150 psi
LCF-001.7	1 1/2" FNPT	69"	18"	25	180	45	225	440	320	150 psi
LCF-003	1 1/2" FNPT	77"	24"	30	250	65	315	680	480	150 psi
LCF-005	1 1/2" FNPT	77"	30"	60	500	150	650	1,270	890	150 psi
LCF-007	2" FNPT	77"	36"	85	1,000	220	1,220	2,150	1,760	125 psi
LCF-010	2" FNPT	77"	42"	120	1,250	350	1,650	2,900	2,000	125 psi

## Pressure Drop for LCF Series Liquid GAC Vessels



### Options

- Skid assemblies for single or multiple vessels
- Pressure relief assemblies, PRV or rupture disk
- Flow, pressure, level & temperature gages or Transmitters
- Piping header for series lead/lag, parallel or standby operation of (2), (3), or more vessels