



Pre-engineered Water Treatment Solutions

Standard Features

- Allen Bradley PLC
- Heavy Weight Industrial Grade Steel Tank Construction
- 100% Butt Welded Construction
- Structural Angle or Wide Beam Legs w/Foot Pad & Anchor Bolt Holes
- Interior Blasted to SSPC-SP10, Coated w/ANSI/NSF 61 Listed Epoxy Polyamide, Heat Cured
- Exterior Blasted to SSPC-SP6, Coated w/Self-Curing Epoxy Polyamide
- All Coatings 3-5 mil DFT
- Inlet Baffle & Multipoint Upper Distribution System
- Hub Radial or Header Lateral Lower Distribution System
- Internal Piping of Sch80 PVC, 304 or 316SS
- Low Pressure Drop, Positive Sealing, Resilient Seat Butterfly Valve Control System
- Polyester Coated Valve Bodies, Nylon II Coated Disc & Stainless Stems
- Lug Design for Ease of Alignment & Serviceability
- Premium Grade Media, ANSI/NSF 61 Listed

Upgrade Options w/TRAKLink Ready Devices

- ASME Stamped Tanks
- Stainless Steel Construction
- High Pressure, High Temperature Requirements
- Alternate Diameters & Heights
- Media Removal Ports
- Seismic Design
- Stainless Steel Internal Piping
- Diaphragm-Type, Hydraulic Control Valves
- PVC, Stainless Steel Valve Harness
- Steam, Hot Water Sanitizable
- Air Scrub For Heavy Filtration Problems
- Chemical Feed Packages
- Skid Mounting
- Pre-Piped & Pre-Wired



LFC Series Activated Carbon Filters

GENERAL

The **LFC Series** offers a wide selection of Granular Activated Carbons to provide cost effective removal of chlorine, chloramines and/or organics that can cause taste, odor and color in water. Based on the contaminant present and the process requirements, various types of carbons, with or without acid post-treatment can be provided.

TRAKLink technology simplifies connections, making your system adaptable to your needs today and in the future. Integration of external components, like booster pumps, chemical feeders and performance monitors, pre-engineer out many installation and start-up delays.

Applications

- Chlorine/Chloramine Removal
- Organic Reduction
- Taste, Odor, Color Removal



Aquatech International Corporation
One Four Coins Drive, Canonsburg, PA 15317 USA
724-746-5300 www.aquatech.com

LFC Series - CARBON FILTER SPECIFICATIONS

MODEL NUMBER	PIPE SIZE		FLOW RATES/PRS DROP ¹		BACK- WASH GPM	MEDIA CU. FT.	REGENERATION WASTE GAL. ²		TANK SIZE (INCHES) ³					
	SERV IN	DRAIN IN	ORGANICS GPM/PSI	DECHLORINATION GPM/PSI										
LFC-48S-3	3	3	65 / 3	120 / 5	120	38	2,400-5,400		48x60					
LFC-54S-3	3	3	80 / 4	160 / 5	160	48	3,200-7,200		54x60					
LFC-60S-3	3	3	100 / 4	200 / 6	200	60	4,000-9,000		60x60					
LFC-60S-4	4	3	100 / 3	200 / 5	200	60	4,000-9,000		60x60					
LFC-72S-4	4	4	140 / 3	280 / 5	280	84	5,600-12,600		72x60					
LFC-72S-6	6	4	140 / 3	280 / 4	280	84	5,600-12,600		72x60					
LFC-84S-4	4	4	200 / 4	390 / 5	390	114	7,600-17,100		84x60					
LFC-84S-6	6	4	200 / 3	390 / 4	390	114	7,600-17,100		84x60					
LFC-96S-6	6	6	250 / 3	500 / 6	500	150	10,000-22,500		96x60					
MODEL NUMBER	DIMENSIONS (INCHES)						WEIGHTS (POUNDS)							
	WIDTH				DEPTH	HEIGHT	SINGLE		DUPLEX		TRIPLEX		QUAD	
	SINGLE	DUPLEX	TRI	QUAD			SHIP	OP	SHIP	OP	SHIP	OP	SHIP	OP
LFC-48S-3	54	120	186	252	68	94	1375	5300	2750	10600	4125	15900	5500	21200
LFC-54S-3	60	132	204	276	76	97	2320	7200	4640	14400	6960	21600	9280	28800
LFC-60S-3	66	144	222	300	82	99	2520	8600	5040	17200	7560	25800	10080	34400
LFC-60S-4	66	144	222	300	82	99	2620	8700	5240	17400	7860	26100	10480	34800
LFC-72S-4	78	168	258	348	94	102	3450	16800	6900	33600	10350	50400	13800	67200
LFC-72S-6	78	168	258	348	94	102	3550	16900	7100	33800	10650	50700	14200	67600
LFC-84S-4	90	192	294	396	108	105	5400	18300	10800	36600	16200	54900	21600	72300
LFC-84S-6	90	192	294	396	108	105	5500	18400	11000	36800	16500	55200	22000	73600
LFC-96S-6	102	216	330	444	120	108	7300	24800	14600	49600	21900	74400	29200	99200

Note:

- 1 - Pressure drop on 50° F water. Extended operation at peak flow rates will reduce filtration ability and is not recommended.
- 2 - Typical range shown. Regeneration waste produced varies based on user data including backwash and rinse times.
- 3 - Dimensions are diameter by tank straight side.

Operating pressure range 30-100 psi, temperature 35°-120°F
 Dimensions do not include maintenance area.
 Specifications subject to change without notice.

