



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
- Chemical Feed Packages
- Skid Mounting
- Pre-Piped & Pre-Wired



## LFM Series Multi Media Filters

### GENERAL

The **LFM Series** feature a specifically selected combination of sand, anthracite and garnet to filter below 10-micron nominal particle size. The media is selected for maximum particle holding capability with graded density difference for exceptional cleanability and restratification during backwash reconditioning.

**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

- Suspended Solids Reduction
- Particulate Removal



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## LFM Series - MULTIMEDIA FILTER SPECIFICATIONS

MODEL NUMBER	PIPE SIZE		FLOW RATES/PRS DROP <sup>1</sup>		BACK- WASH GPM	MEDIA CU. FT.	REGENERATION WASTE GAL. <sup>2</sup>		TANK SIZE (INCHES) <sup>3</sup>					
	SERV IN	DRAIN IN	DESIGN GPM/PSI	PEAK GPM/PSI										
LFM-48S-3	3	3	90 / 3	250 / 9	180	35	3,800-8,500		48x60					
LFM-54S-3	3	3	115 / 3	320 / 9	230	45	4,800-10,000		54x60					
LFM-54S-4	4	4	115 / 2	320 / 7	230	45	4,800-10,000		54x60					
LFM-60S-3	3	3	140 / 3	390 / 11	290	55	5,600-12,000		60x60					
LFM-60S-4	4	4	140 / 3	390 / 10	290	55	5,600-12,000		60x60					
LFM-60S-6	6	6	140 / 2	390 / 8	290	55	5,600-12,000		60x60					
LFM-72S-4	4	4	200 / 4	565 / 12	420	75	8,400-18,000		72x60					
LFM-72S-6	6	6	200 / 3	565 / 10	420	75	8,400-18,000		72x60					
LFM-84S-4	4	4	270 / 4	770 / 11	570	105	11,400-25,000		84x60					
LFM-84S-6	6	6	270 / 3	770 / 10	570	105	11,400-25,000		84x60					
LFM-96S-6	6	6	355 / 4	1,000 / 10	750	120	15,000-33,000		96x60					
LFM-96S-8	8	8	355 / 3	1,000 / 8	750	120	15,000-33,000		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
LFM-48S-3	54	120	186	252	68	94	1375	7100	2750	14200	4125	21300	5500	28400
LFM-54S-3	60	132	204	276	76	97	2320	9470	4640	18940	6960	28410	9280	37880
LFM-54S-4	60	132	204	276	76	97	2380	9530	4760	19060	7140	28590	9520	38120
LFM-60S-3	66	144	222	300	82	99	2520	11400	5040	22800	7560	34200	10080	45600
LFM-60S-4	66	144	222	300	82	99	2580	11460	5160	22920	7740	34380	10320	45840
LFM-60S-6	66	144	222	300	82	99	2680	11560	5360	23120	8040	34680	10720	46240
LFM-72S-4	78	168	258	348	94	102	3450	20800	6900	41600	10350	62400	13800	83200
LFM-72S-6	78	168	258	348	94	102	3550	20900	7100	41800	10650	62700	14200	86250
LFM-84S-4	90	192	294	396	108	105	5400	23700	10800	47400	16200	71100	21600	94800
LFM-84S-6	90	192	294	396	108	105	5500	23800	11000	47600	16500	71400	22000	95200
LFM-96S-6	102	216	330	444	120	108	7300	31800	14600	63600	21900	65400	29200	127200
LFM-96S-8	102	216	330	444	120	108	7600	32100	15200	64200	22800	66300	30400	128400

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.

