

POLYCARBONATE FLOWMETERS

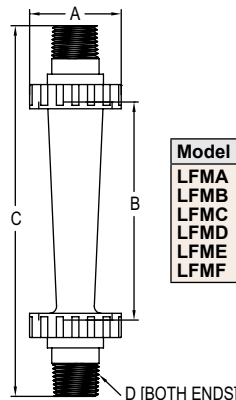
Chemically Resistant, In-Line or Panel Mount Options, Adjustable Set Point Indicator Option

CALIBRATION SERVICES AVAILABLE



LFMA

LFMC



Model	AØ	B	C	D
LFMA	1-21/32 [42.07]	3-15/16 [100.01]	6-45/64 [170.26]	1/2 NPT
LFMB	1-63/64 [50.40]	6-5/16 [160.34]	8-55/64 [225.03]	1/2 NPT
LFMC	1-63/64 [50.40]	5-9/32 [134.14]	8-9/32 [210.34]	1/2 NPT
LFMD	2-21/64 [59.13]	6-45/64 [170.26]	9-27/32 [250.03]	3/4 NPT
LFME	2-27/32 [72.23]	8-55/64 [225.03]	12-19/64 [312.34]	1 NPT
LFMF	3-15/16 [100.01]	11-27/64 [290.12]	15-3/4 [400.05]	2 NPT

The **Series LFM Polycarbonate Flowmeters** are made of precision, injection molded polycarbonate bodies and fittings. This series consists of LFMA, LFMB, LFMC, LFMD, LFME and LFMF flowmeters with 3" (76 mm), 6" (152 mm), 5" (127 mm), 6" (152 mm), 8" (203 mm) and 11" (279 mm) respective scales. They feature dual, direct reading scales measuring in both GPM and LPM.

BENEFITS/FEATURES

- Low installation costs with standard in-line male NPT process connections and 90° elbow fitting for panel mount option
- Heat and chemically resistant polycarbonate body and fittings feature a low cost for high durability
- Textured background on flowmeter bodies enhance scale readability saving time
- Easy to clean bodies yield low maintenance costs
- Adjustable set point indicator allows for easy visual set point indication decreasing costly flow reading error for LFMC, LFMD, LFME & LFMF

APPLICATIONS

- Chill water flow
- Reverse osmosis systems
- Deionized water systems

MODEL CHART	
Model	Range (GPM Water)
LFMA-01-A2	0.1 to 1 (.5 to 4 LPM)
LFMA-02-A2	0.2 to 2 (1 to 7 LPM)
LFMA-03-A2	0.5 to 5 (1.8 to 18 LPM)
LFMB-04-A2	0.1 to 1 (.5 to 4 LPM)
LFMB-05-A2	0.2 to 2 (1 to 7 LPM)
LFMB-06-A2	0.5 to 5 (1.8 to 18 LPM)

MODEL CHART		
Model	Range (GPM Water)	Process Connection
LFMC-07-A2	0.25 to 2.5 (1 to 10 LPM)	1/2" male NPT
LFMC-08-A2	0.5 to 5 (1.8 to 18 LPM)	1/2" male NPT
LFMC-09-A2	0.8 to 8 (3 to 30 LPM)	1/2" male NPT
LFMD-10-C2	0.8 to 8 (3 to 30 LPM)	3/4" male NPT
LFMD-11-C2	1 to 10 (4 to 40 LPM)	3/4" male NPT
LFME-12-F2	1.2 to 12 (5 to 50 LPM)	1" male NPT
LFME-13-F2	2 to 20 (8 to 80 LPM)	1" male NPT
LFME-14-F2	2.5 to 25 (10 to 100 LPM)	1" male NPT
LFMF-15-I2	2.5 to 25 (10 to 100 LPM)	2" male NPT
LFMF-16-I2	5 to 45 (20 to 180 LPM)	2" male NPT
LFMF-17-I2	7 to 70 (25 to 250 LPM)	2" male NPT

OPTIONS

Use order code:	Description
NISTCAL-FL2	NIST traceable calibration certificate for variable water flowmeters

SPECIFICATIONS

Service: Water.

Wetted Materials: Body: Polycarbonate; Flange nut: ABS; Float stop: LFMA, LFMB, LFMC: ABS; LFMD, LFME, LFMF: Polypropylene; O-rings: Fluoroelastomer; Rod and float: 316 SS; Connections: 20 mm and 63 mm metric union fittings: ABS; 32 mm and 40 mm metric union fittings: PVC; 1/2" and 3/4" male NPT fittings for LFMA, LFMB, LFMC: ABS; 3/4" male and female NPT fittings for LFMD: PA66 nylon; 1" and 2" male NPT fittings: PA66 nylon.

Pressure Limit: 87 psi (6 bar) at 68°F (20°C); 90° elbow fittings 116 psi (8 bar) at 68°F (20°C).

Accuracy: ±5%.

Process Connection: LFMA: 1/2" male NPT. Optional 20 mm metric union; LFMB: 1/2" male NPT. Optional 20 mm metric union or 1/2" male NPT with 90° elbow; LFMC: 1/2" male NPT. Optional 20 mm metric union, 3/4" male NPT, or 1/2" male NPT with 90° elbow; LFMD: 3/4" male NPT. Optional 32 mm metric union, 3/4" female NPT, or 3/4" male NPT with 90° elbow; LFME: 1" male NPT. Optional 40 mm metric union, 1" female NPT, or 1" male NPT with 90° elbow; LFMF: 2" male NPT. Optional 63 mm metric union or 2" female NPT.

Weight: LFMA: 2 oz (56.7 g); LFMB: 3 oz (85.0 g); LFMC: 4 oz (113.4 g); LFMD: 10 oz (283.5 g); LFME: 15 oz (425.2 g); LFMF: 40 oz (1.1 kg).

CAUTION: Series LFM Flowmeters are for indoor use only or areas without direct sunlight. Polycarbonate is adversely affected by ultraviolet light.

ACCESSORIES - LFMA

Model	Description
A-560	20 mm metric union fittings - ABS
A-566	1/2" male NPT fittings - ABS

ACCESSORIES - LFMB

Model	Description
A-561	20 mm metric union fittings - ABS
A-567	1/2" male NPT fittings - ABS
A-575	1/2" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMC

Model	Description
A-562	20 mm metric union fittings - ABS
A-567	1/2" male NPT fittings - ABS
A-568	3/4" male NPT fittings - ABS
A-576	1/2" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMD

Model	Description
A-563	32 mm metric union fittings - PVC
A-569	3/4" male NPT fittings - nylon
A-572	3/4" female NPT fittings - nylon
A-577	3/4" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFME

Model	Description
A-564	40 mm metric union fittings - PVC
A-570	1" male NPT fittings - nylon
A-573	1" female NPT fittings - nylon
A-578	1" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMF

Model	Description
A-565	63 mm metric union fittings - ABS
A-571	2" male NPT fittings - nylon
A-574	2" female NPT fittings - nylon