

PANEL-MOUNT FLOWMETERS

FL5000A Series
Starts at
\$96



Optional †

- ✓ Direct-Reading Scales
- ✓ Solid One-Piece Acrylic Body
- ✓ GPM and LPM Scales
- ✓ Panel Mount

OMEGA® FL5000A Series flowmeters feature a rugged, one-piece acrylic body, stainless steel internal parts, rear inlet and outlet ports for panel mounting, and excellent accuracy. The stainless steel float guide helps reduce float oscillation and improve overall performance. Permanent screen-printed scales are positioned directly in front of the float for easy reading. For greater versatility and control, FL5000A Series meters may be ordered with an integral flow adjustment valve.

Recommended Reference Book:
Flow Measurement Methods
and Applications,
CM-4339, \$135
See Section Y
For Additional Books



SPECIFICATIONS

Accuracy: ±5% of FS
Meter Body Construction: Machined acrylic
O-Ring Material: FKM
Float: 316 SS
Lock Nut: Polypropylene
Temperature Limits: 48°C (120°F) at 0 psi (¼ and 1 MNPT units) 93°C (200°F) at 0 psi (¼, ½ and ¾ MNPT units)
Pressure Limits: 120 psi at 21°C (70°F) (¼ and 1 MNPT units) 250 psig at 21°C (70°F) (¼, ½ and ¾ MNPT units)
Pressure Drop: 2 psi max
Adaptor: ¼" and 1" are PVC, all others are glass-filled polypropylene
Dimensions Without Valve (Center to Center x Overall Height x Width):
FL50001: 143 x 191 x 25 mm (5½ x 7¼ x 1¼")
FL50002 to FL50004: 165 x 227 x 32 mm (6½ x 8¾ x 1½")
FL50005: 165 x 229 x 38 mm (6½ x 9 x 1½")
FL50006 to FL50007: 203 x 276 x 44 mm (8 x 10¾ x 1¾")

FL50004A, shown smaller than actual size, \$96.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)								
Water Units					Air Units			Fittings MNPT
Model No.	Price	Range		Pressure Drop bar (psi)	Model No.	Price	Ranges SCFM	
		GPM	LPM					
FL50001A	\$98	0.025 to 0.25	0.1 to 1	0.008 (0.12)	FL50251A	\$98	0.1 to 1.2	¼
FL50002A	96	0.1 to 1	0.4 to 4	0.02 (0.3)	FL50252A	96	0.5 to 4.5	⅜
FL50003A	96	0.2 to 2	0.75 to 7.5	0.02 (0.3)	FL50253A	96	1 to 7	⅜
FL50004A	96	0.5 to 5	2 to 20	0.1 (1.5)	FL50254A	96	2 to 20	½
FL50005A	113	1 to 10	4 to 40	0.1 (1.5)	FL50255A	113	4 to 45	¾
FL50007A	135	2 to 20	7.5 to 75	0.1 (1.5)	—	—	—	1

Comes complete with operator's manual.

Add suffix "-V" to model number for adjustable CPVC valve, and contact Sales for pricing.

† For 5-point NIST calibration add suffix "-NIST" to model number and \$375 to price.

Ordering Examples: FL50002A, meter with 0.1 to 1.0 GPM, 0.4 to 4 LPM ranges, \$96.

FL-50251A, 1 to 1.2 SCFM air-flow range, \$98.

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