

HIGH-CAPACITY IN-LINE FLOWMETERS

FL45200A Series



Optional

- ✓ Direct Reading Scales
- ✓ One-Piece Molded Polysulfone
- ✓ Floats Available in 316 SS or TFE
- ✓ 316 SS Float Guide Reduces Float Oscillation
- ✓ Low Pressure Drop

FL45200A Series flowmeters have a rugged, one-piece body of heat- and chemical-resistant injection-molded polysulfone. Half union connectors join the meter body to 2 FPT polysulfone adaptors at each end. The meters feature FKM O-ring seals and 316 SS or TFE (depending on calibration) floats. Permanent, screen-printed scales are positioned directly in front of the float for easy reading. The 316 SS float guide reduces float oscillation and protects critical float surfaces. FL45200A Series flowmeters may be ordered with Hastelloy® C floats and Hastelloy or TFE material float guides (depending on calibration), for use in harsh environments. These high-quality materials make the FL45200A Series suitable for applications that would normally require glass or metal flowmeters.

SPECIFICATIONS

Accuracy: ±2%
Meter Body: Molded polysulfone
Union Nuts: Glass fiber-reinforced nylon
O-Ring Material: FKM
Float: 316 SS
Temperature Limit: 93°C (200°F) at 0 psi
Pressure Limit: 10.3 bar (150 psi) at 21°C (70°F)
Pressure Drop: 2 psi maximum
Adaptor Size: 2 FNPT
Dimensions: 479 H x 118 mm W (18 7/8 x 4 5/8")
Weight: 2.25 kg (5 lb)

FL45204A shown smaller than actual size.

Caution: Polysulfone should not be used in direct sunlight or any other significant sources of ultraviolet light.

To Order				
316 SS Float	Hastelloy C Float	GPM	LPM	SCFM
Model No.	Model No.			
FL45201A*	–	2 to 20	8 to 78	–
FL45202A	FL45202-HL	6 to 60	30 to 230	–
FL45203A	FL45203-HL	8 to 80	40 to 300	–
FL45204A	FL45204-HL	6 to 100	20 to 380	–
FL45205A	FL45205-HL	20 to 130	80 to 500	–
FL45206A	FL45206-HL	25 to 175	100 to 675	–
FL45230A	–	–	–	40 to 240

* Equipped with TFE float.

Comes complete with operator's manual.

For 5-point NIST calibration, add suffix "-NIST" to model number for additional cost.

Ordering Examples: FL45202A, meter with 6 to 60 GPM (30 to 230 LPM) ranges.

FL45230A, meter for air, 40 to 240 SCFM.

