

HIGH FLOW RATE PURGE ROTAMETERS

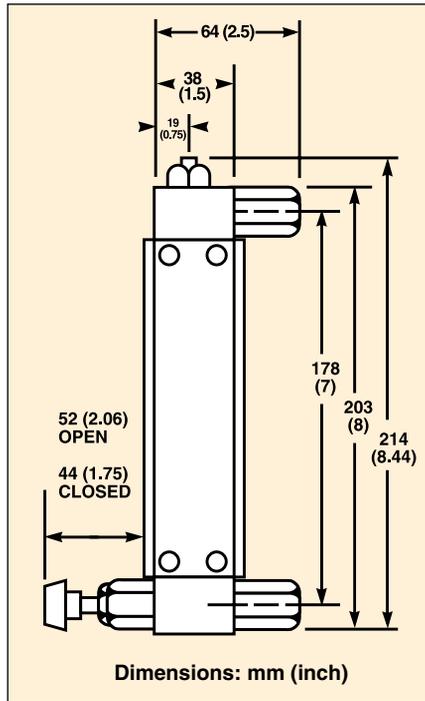
**CAPACITIES: 0.08 to 5.0 GPM for Water,
0.34 to 15.0 SCFM for Air**

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With Other Fluids,
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FL-1200 Series



- ✓ ±10% Full Scale Accuracy
- ✓ ±½% Full Scale Repeatability
- ✓ Integral Needle Control Valve
- ✓ Side Plate Construction
- ✓ Direct Reading Air and Water Scales
- ✓ 316 SS and Brass Construction Available
- ✓ Shielded for Use in Pressurized Systems
- ✓ Easy-to-Read 65 mm (2.6") Scale



FL-1214 shown smaller than actual size.

The FL-1200 flowmeters provide a low-cost means of flow rate indication. They are designed for applications where precise accuracy requirements for metering are not imperative. These meters are ideal for purge service, sealed oil systems, bearing lubrication, cooling water indication, and other associated applications.

Temperature: 121°C (250°F) maximum. Fluid temperatures below 0°C (32°F) will cause frosting of the glass metering tube.
Connections: Horizontal female, ¾ NPT
Accuracy: ±10% full scale
Repeatability: 0.5% full scale
Dimensions: 214 H x 38 W x 116 mm D (8.44 x 1.5 x 4.56")

SPECIFICATIONS

Scales

Length: 65 mm (2.6")

Graduations: Direct reading in GPM water or SCFM air

Construction

Metering Tube: Borosilicate glass

Float: 316 stainless steel

Float Stops: Stainless steel

End Fittings and Tube Retaining

Adaptor: Chrome-plated brass, 316 stainless steel

Side Plates: Chrome-plated brass

Packing Material: O-rings: Buna with Brass, FKM with stainless steel

Packing: Neoprene with brass, FKM with stainless steel

Ratings

Pressure: 13.8 bar (200 psig) maximum

To Order

Model No.	Ranges		Pressure Drop (inches H ₂ O)
	Air (SCFM)	Water (GPM)	
FL-1210	–	0.08 to 0.8	13.6
FL-1211	–	0.15 to 1.5	27.0
FL-1212	–	0.25 to 2.5	85.2
FL-1213	–	0.35 to 3.5	121.0
FL-1214	–	0.5 to 5.0	238.0
FL-1201	0.34 to 3.4	–	15.5
FL-1202	0.6 to 6.0	–	30.8
FL-1203	1.2 to 12	–	97.3
FL-1204	1.5 to 15	–	138.3

Comes complete with operator's manual.

For units with brass valve and end fittings, add suffix "-B" to model number, consult flow engineering for cost.

Ordering Examples: FL1212-B, high flow rotameter, 0.25 to 2.5 range with brass valve and end fittings.

FL-1202, 0.6 to 6.0 SCFM air.