

F-550 Flowmeters

Variable Area Flowmeters for Flush Panel Mounting



Applications

Ideal for water treatment systems, reverse osmosis systems, manufacturing and management of deionized water, and more.

Description

The F-550 Series Panel Mount Flowmeters are used widely to monitor and control flows in a variety of water and mild chemical applications. Designed for easy flush panel mounting, the F-550 meters come with polypropylene back connectors in standard NPT sizes, with the bulkhead nuts included. The rugged F-550 meters are made from one-piece machined and polished acrylic with 316 stainless steel floats for accuracy and long life. A precisely calibrated dual flow scale (gpm and lpm) is permanently printed on the meter body for clear and accurate readings.

Choose from a standard unit or an adjustable unit with a built-in rate valve for precise flow control.

Features

- One piece machined and polished acrylic meter body
- Annealed for added strength and chemical resistance
- Flush mount design includes bulkhead nuts
- Monitor and control flows in a variety of applications
- Accurate and rugged design
- Dual flow scale (gpm and lpm)

Specifications

Accuracy	±5% full scale
Materials	Float: 316 stainless steel Body: Acrylic Adapter Polypropylene O-ring: Viton®
Mounting	Panel mount
Mounting Hole Diameter	1 1/16"
Maximum Fluid Temperature	200°F (93°C) @ 0 pressure
Maximum Pressure	250 psig (17.2 bar) @ 70°F (21°C)
Maximum Pressure Drop	2 psi
Weight	2 lbs (907 kg)
Dimensions	7-1/4 x 1-1/16 x 1-1/4" (184 x 27 x 32 mm)

Ordering & Options

Standard Models

Order No.	Flow Range (gpm)	Flow Range (lpm)	Connection
F-55250L	0.025 to 0.25	0.1 to 1	1/4" NPT (M)
F-55375L	0.1 to 1	0.4 to 4	3/8" NPT (M)
F-55376L	0.2 to 2	0.75 to 7.5	3/8" NPT (M)
F-55500L	0.5 to 5	2 to 20	1/2" NPT (M)
F-55010L	1 to 10	4 to 40	1" NPT (M)
F-55200L	2 to 20	7.5 to 75	1" NPT (M)

Adjustable Models with Rate Valve

Order No.	Flow Range (gpm)	Flow Range (lpm)	Connection
F-55250LA	0.025 to 0.25	0.1 to 1	1/4" NPT (M)
F-55375LA	0.1 to 1	0.4 to 4	3/8" NPT (M)
F-55376LA	0.2 to 2	0.75 to 7.5	3/8" NPT (M)
F-55500LA	0.5 to 5	2 to 20	1/2" NPT (M)
F-55010LA	1 to 10	4 to 40	1" NPT (M)
F-55200LA	2 to 20	7.5 to 75	1" NPT (M)



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