# F-550 Flowmeters

## Variable Area Flowmeters for Flush Panel Mounting

### 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)

### 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.

### Specifications

| | |
|---|---|
| Accuracy | ±5% full scale |
| Materials | Float: 316 stainless steel<br>Body: Acrylic<br>Adapter Polypropylene<br>O-ring: Viton® |
| Mounting | Panel mount |
| Mounting Hole Diameter | 11/16" |
| 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"<br>(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) |