

F-450N & F-451N Inline Flowmeters

Variable Area Inline Flowmeters



Description

The F-450N and F-451N Variable Area Inline Flowmeters cover a wide range of flows and can handle many kinds of liquids. Designed to last, these flowmeters feature a polysulfone body, PVC connectors, and a stainless steel float and guide rod. The handy union connectors facilitate easy removal for periodic cleaning. Choose from a variety of flow ranges and the three connection sizes listed in the ordering section below. Other connection sizes, rate valves, and panel mount versions are available by special order— please contact Global Water regarding this option.

Features

- Rugged polysulfone body
- Union connectors for easy cleaning

Specifications

| | |
|---------------------------|---|
| Accuracy | ±5% full scale |
| Materials | Body: Polysulfone Adapter: Polysulfone Float: 316 SS or PTFE O-rings: Viton® Half union: Anodized aluminum |
| Maximum Pressure | 150 psi (10.3 bar) @ 70°F (21°C) |
| Maximum Pressure Drop | 2 psi |
| Maximum Fluid Temperature | 212°F (100°C) |
| Dimensions | F-450N: 10" height x 1-7/8" dia. (25.4 height x 4.8 cm dia.) F-451N: 14" height x 3-3/16" dia. (35.6 height x 8.1 cm dia.) |
| Weight (Approx.) | F-450N: ½ lb (0.23 kg) F-451N: 3 lb (1.4 kg) |

Ordering & Options

| Order No. | Flow Range (gpm) | Flow Range (lpm) | Connection |
|---------------|------------------|------------------|--------------|
| F-45375LHN-8 | 0.1 to 1 | 0.4 to 4.4 | 1/2" NPT (M) |
| F-45376LHN-8 | 0.2 to 2.0 | 1.0 to 7.5 | 1/2" NPT (M) |
| F-45500LHN-8 | 0.5 to 5.0 | 2.0 to 20.0 | 1/2" NPT (M) |
| F-45500LHN-12 | 0.5 to 5.0 | 2.0 to 20.0 | 3/4" NPT (M) |
| F-45750LHN-12 | 1.0 to 10.0 | 4.0 to 40.0 | 3/4" NPT (M) |
| F-451002LHN | 2.0 to 20.0 | 7.5 to 75.0 | 1" NPT (F) |
| F-451003LHN | 3.0 to 30.0 | 12.0 to 115.0 | 1" NPT (F) |
| F-451004LHN | 4.0 to 40.0 | 15.0 to 155.0 | 1" NPT (F) |



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