



F-462

Variable Area Flow Meter

Features

- > Polysulfone body resists high temperatures and pressures
- > Ultrapure - No metal in fluid path
- > Indoor use only
- > Full scale accuracy +/- 2.5%
- > PTFE float for corrosive applications

Highlights

Flow range

2.0 - 80 GPM
6.0 - 300 LPM

Pressures up to

150 PSI
(10.3 bar)

Max. fluid temp.

200 °F
93 °C

Body

Polysulfone

Adapters

2.0" F/NPT

Warranty

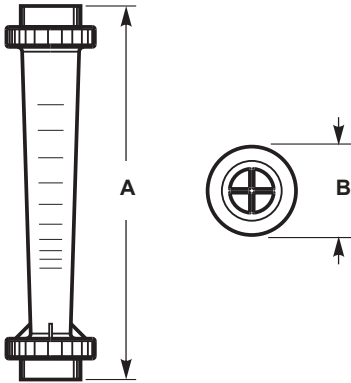
1 Year



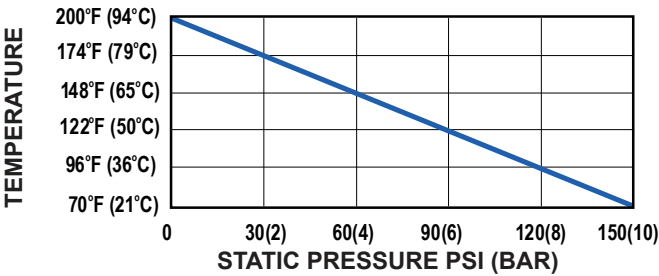
Maximum Working Pressure	150 PSI (10.3 bar) @ 70 °F (21 °C)
Maximum Fluid Temperature	200 °F (93 °C) @ 0 Bar
Full Scale Accuracy	+/- 2.5%
Calibration Fluid	Water, specific gravity 1.0
Scale Length	8" (200 mm)
Environment	Not for direct sunlight exposure
Maximum Pressure Drop	2 PSI
Approximate Shipping Weight	5 lb. (2.27 kg)

Dimensions

Dim	Inch	cm
A	18-7/8"	47.9
B	4-5/8"	11.7



Maximum Temperature vs. Pressure



Non-wetted Components:		Wetted Components:	
Union Nuts	Fiber reinforced nylon (optional PVC)	Meter Body	Polysulfone
		Adapters	Polysulfone
		O-ring Seals	FKM (optional EP)
		Float	PTFE
		Float Stop	Polysulfone
		Optional Shield	Polycarbonate

Output Specifications

Model	Dual Scale Range		Max Pressure	Max Temperature	Float Material
	GPM	LPM	PSI (bar)	°F (°C)	
F-462200L	2–20	8–80	150 (10.3)	70 (21)	PTFE
F-462500L	5–50	20–200	150 (10.3)	70 (21)	PTFE
F-462800L	8–80	30–300	150 (10.3)	70 (21)	PTFE

Model Number Matrix

F-462 Model Number

F	Flow Meter						
Series							
462	F-462 Polysulfone body						
Scale							
200	2 - 20 gpm, (8 - 80 lpm) Teflon Float						
500	5 - 50 gpm (20 - 200 lpm) Teflon Float						
800	8 - 80 gpm (30 - 300 lpm) Teflon Float						
Union							
LX	Polysulfone Union						
LP	PVC Union						
Adapter							
32H	2.0" Female NPT, Polysulfone						
O-Rings							
(Blank)	FKM						
-22T	EP						
F	-	462	200	LX	-	32H	Sample Model Number

*In-house NIST Calibration, OEM packaging and silicone oil free options are also available.

Optional Accessories and Components

Polycarbonate Shield Kit KIT-SHL
(Includes shield and two grooved unions. Some assembly required.)

