

F-410

Variable Area Flow Meter



Features

- > Durable, highly polished, one piece meter body
- > Annealed for added strength and chemical resistance
- > Acceptable in direct sunlight
- > Full scale accuracy +/- 5%
- > 316ss float & guide-wire

Highlights

Flow range

1.0 - 20 GPM
4.0 - 80 LPM

Pressures up to

150 PSI
(10.3 bar)

Max. fluid temp.

150 °F
65 °C

Body

Acrylic

Adapters

3/4" & 1.0" F/NPT

Warranty

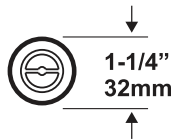
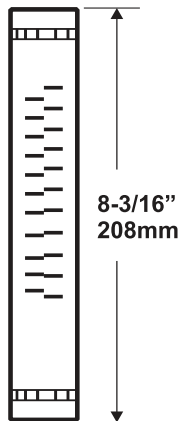
1 Year



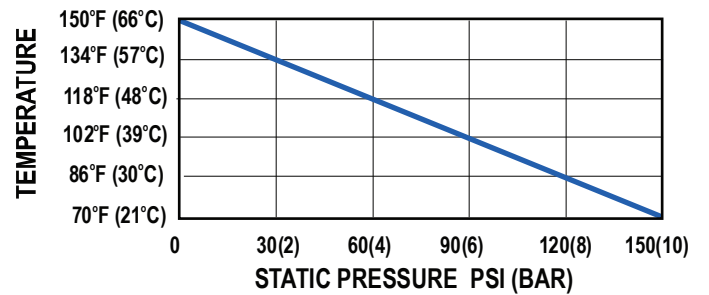
Maximum Working Pressure	150 PSI (10.3 bar) @ 70 °F (21 °C)
Maximum Fluid Temperature	150 °F(65 °C) @ 0 PSI
Full Scale Accuracy	+/- 5%
Calibration Fluid	water, specific gravity 1.0
Scale Length	5" (127mm)
Environment	Acceptable for direct sunlight exposure
Maximum Pressure Drop	2 PSI
Approximate Shipping Weight	2 lb (.91kg)

Dimensions

Dim	Inch	cm
A	11"	27.9
B	1-3/4"	4.4



Maximum Temperature vs. Pressure



Wetted Components:

Meter Body Cast acrylic body

Adapters Polypropylene

Guide Rod Holder Polypropylene

O-ring Seals FKM

Float 316ss or PVC

Guide Rod 316ss

Output Specifications

Model	Dual Scale Range		Adapter	Adapter	Float Material
	GPM	LPM	F/NPT	Material	
F-40750LN-12	1 to 10	4 to 38	3/4"	Polypropylene	316ss
F-40750LN-16	1 to 10	4 to 38	1"	Polypropylene	316ss
F-41000LN-12	2 to 20	8 to 80	3/4"	Polypropylene	316ss
F-41000LN-16	2 to 20	8 to 80	1"	Polypropylene	316ss

Model Number Matrix

F-410 Model Number

F	Flow Meter				
Scale					
	41376	.2-2 gpm (1 -7 lpm) PVC Float			
	41500	.5-5 gpm (2-20 lpm) PVC Float			
	40750	1-10 gpm (4 - 38 lpm) 316ss Float			
	41000	2-20 gpm (8 - 80 lpm) 316ss Float			
Guide-Wire Material					
	LN	3/16" Stainless steel rod			
Adapter					
	12	.75" Female NPT, Polypropylene			
	16	1.0" Female NPT, Polypropylene			
	16BSP	1.0" FBSPT - British Pipe Thread, Polypropylene			
F	-	40750	LN	-	12 Sample Model Number

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