Blue-White®

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	Pressures up to	Max. fluid temp.
1.0 - 20 GPM	150 PSI	150 ˚F
4.0 - 80 LPM	(10.3 bar)	65 ˚C

Body	Adapters	Warranty
Acrylic	3/4" & 1.0" F/NPT	1 Year

Engineering Specifications

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
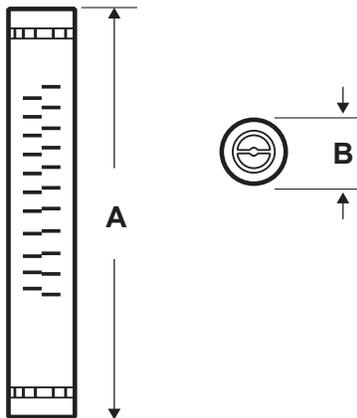
Maximum Temperature vs. Pressure

Materials of Construction
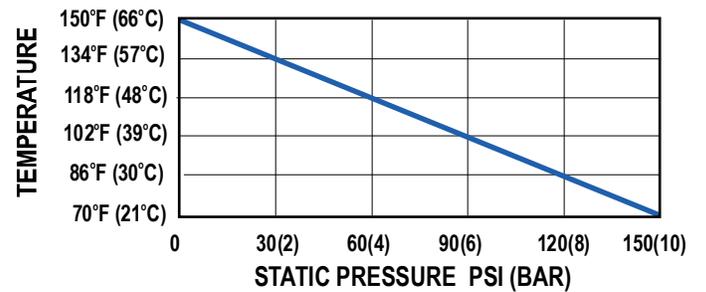
Wetted Components:

Meter Body	Cast acrylic body
Adapters	Polypropylene
Guide Rod Holder	Polypropylene
O-ring Seals	FKM (optional EP)
Float	316SS
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

40750	1-10 gpm (4 - 38 lpm) 316SS Float
41000	2-20 gpm (8 - 80 lpm) 316SS Float

Guide-Wire Material

LN	316 Stainless steel rod

Adapter

12	.75" Female NPT, Polypropylene
16	1.0" Female NPT, Polypropylene

O-Rings

(Blank)	FKM
-22P	EP

F	-	40750	LN	-	12		Sample Model Number

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

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ISO 9001:2015
CERTIFIED

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