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

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

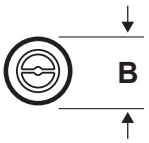
For more help and information regarding **F-410**, please visit www.blue-white.com or scan this QR code.

Engineering Specifications

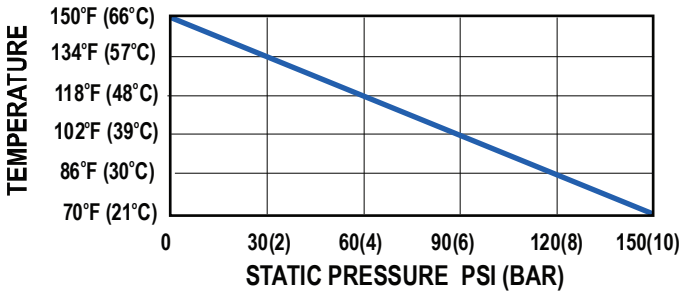
Maximum Working Pressure	150 PSI (10.3 bar) @ 70 ˚F (21 ˚C)
Maximum Fluid Temperature	150 ˚F(65 ˚C) @ 0 PSI
Full Scale Accuracy	+/- 5%
Calibration Fluid	water, specific gravity 1.0
Scale Length	5” (127mm)
Environment	Acceptable for direct sunlight exposure
Maximum Pressure Drop	2 PSI
Approximate Shipping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

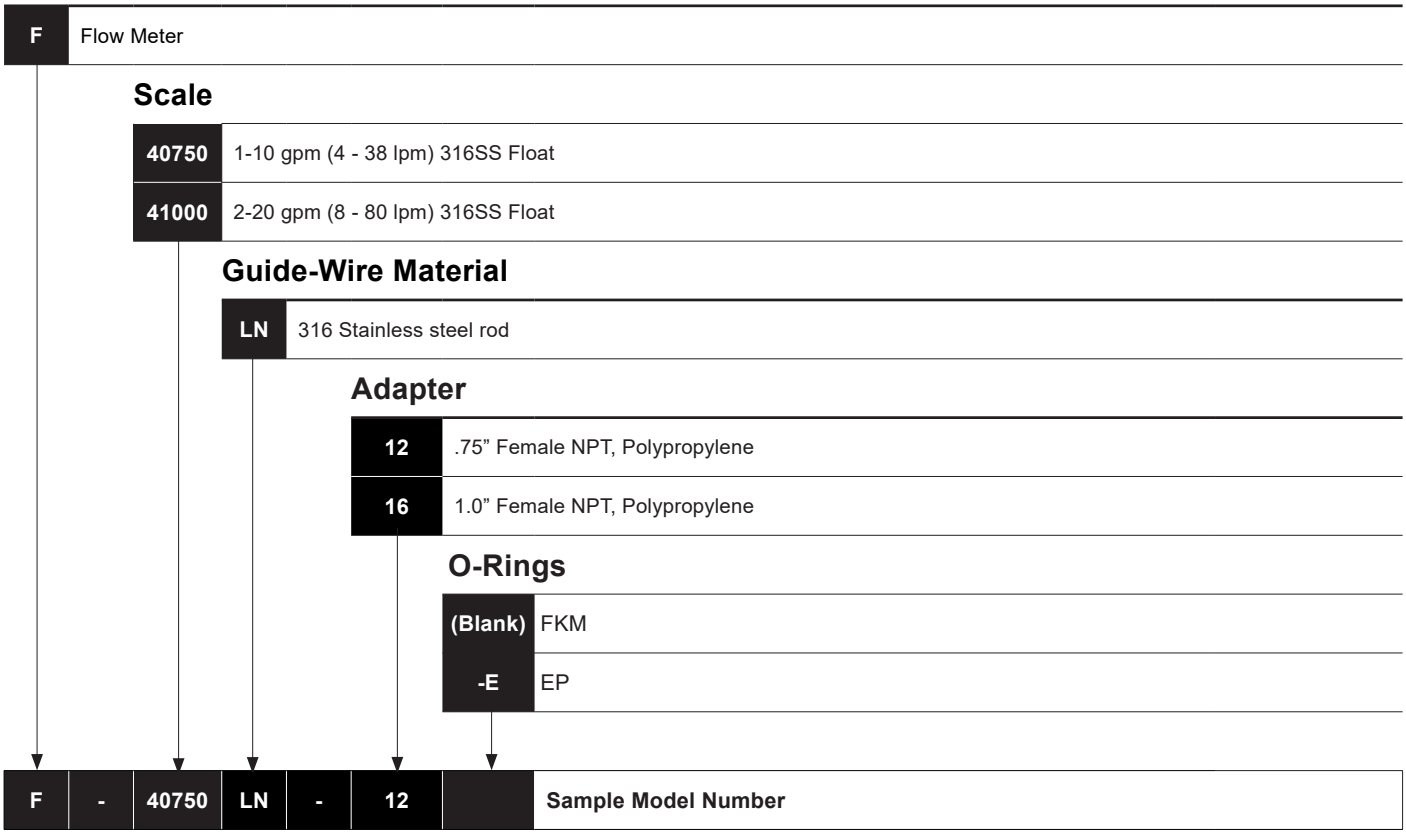
Wetted Components:	
Meter Body	Cast acrylic body
Adapters	Polypropylene
Guide Rod Holder	Polypropylene
O-ring Seals	FKM (optional EP)
Float	316SS
Guide Rod	316SS

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



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

5300 Business Drive, Huntington Beach, CA 92649
TEL 714-893-8529 | FAX 714-894-9492 | www.blue-white.com | sales@blue-white.com
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SINCE Quality 1957
MADE IN THE USA