

# F-410

## Variable Area Flow Meter

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### 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**

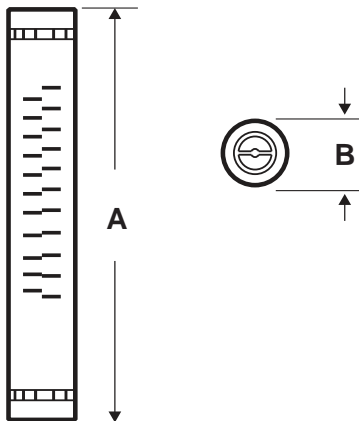
1 Year



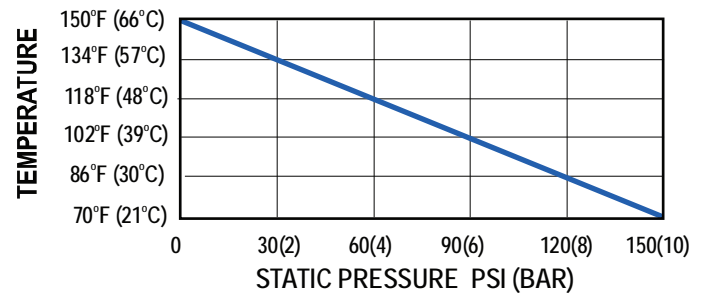
<b>Maximum Working Pressure</b>	150 PSI (10.3 bar) @ 70 °F (21 °C)
<b>Maximum Fluid Temperature</b>	150 °F(65 °C) @ 0 PSI
<b>Full Scale Accuracy</b>	+/- 5%
<b>Calibration Fluid</b>	water, specific gravity 1.0
<b>Scale Length</b>	5" (127mm)
<b>Environment</b>	Acceptable for direct sunlight exposure
<b>Maximum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

## Dimensions

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



## Maximum Temperature vs. Pressure



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**Wetted Components:**

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**Meter Body**                      Cast acrylic body

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**Adapters**                              Polypropylene

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**Guide Rod Holder**                  Polypropylene

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**O-ring Seals**                      Viton (optional EP)

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**Float**                                      316SS

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**Guide Rod**                              316SS

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## Output Specifications

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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

<b>F</b>	Flow Meter					
<b>Scale</b>						
	<b>40750</b>	1-10 gpm (4 - 38 lpm) 316SS Float				
	<b>41000</b>	2-20 gpm (8 - 80 lpm) 316SS Float				
<b>Guide-Wire Material</b>						
	<b>LN</b>	316 Stainless steel rod				
<b>Adapter</b>						
	<b>12</b>	.75" Female NPT, Polypropylene				
	<b>16</b>	1.0" Female NPT, Polypropylene				
<b>O-Rings</b>						
	<b>(Blank)</b>	Viton				
	<b>-22P</b>	EP				
<b>F</b>	<b>-</b>	<b>40750</b>	<b>LN</b>	<b>-</b>	<b>12</b>	<b>Sample Model Number</b>

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