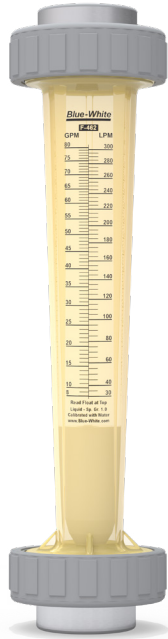


**Blue-White®**

Engineering and Technical Data

# 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**

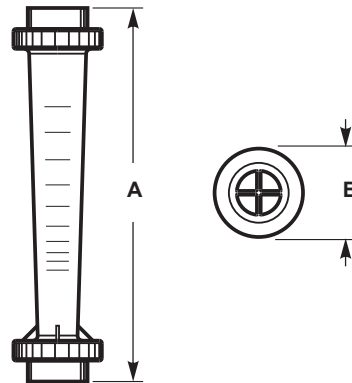
1 Year



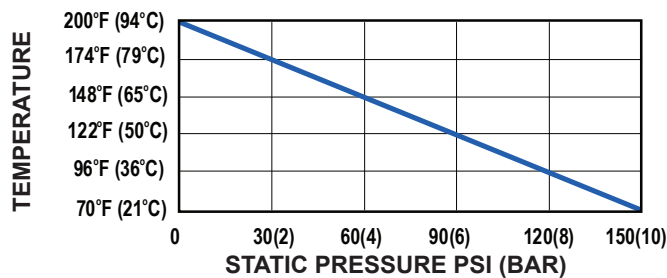
<b>Maximum Working Pressure</b>	150 PSI (10.3 bar) @ 70 °F (21 °C)
<b>Maximum Fluid Temperature</b>	200 °F (93 °C) @ 0 Bar
<b>Full Scale Accuracy</b>	+/- 2.5%
<b>Calibration Fluid</b>	Water, specific gravity 1.0
<b>Scale Length</b>	8" (200 mm)
<b>Environment</b>	Not for direct sunlight exposure
<b>Maximum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



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**Non-wetted Components:**

**Union Nuts**                      Fiber reinforced nylon (optional PVC)

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**Wetted Components:**

**Meter Body**                      Polysulfone

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**Adapters**                              Polysulfone

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

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**Float**                                      PTFE

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**Float Stop**                              Polysulfone

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**Optional Shield**                      Polycarbonate

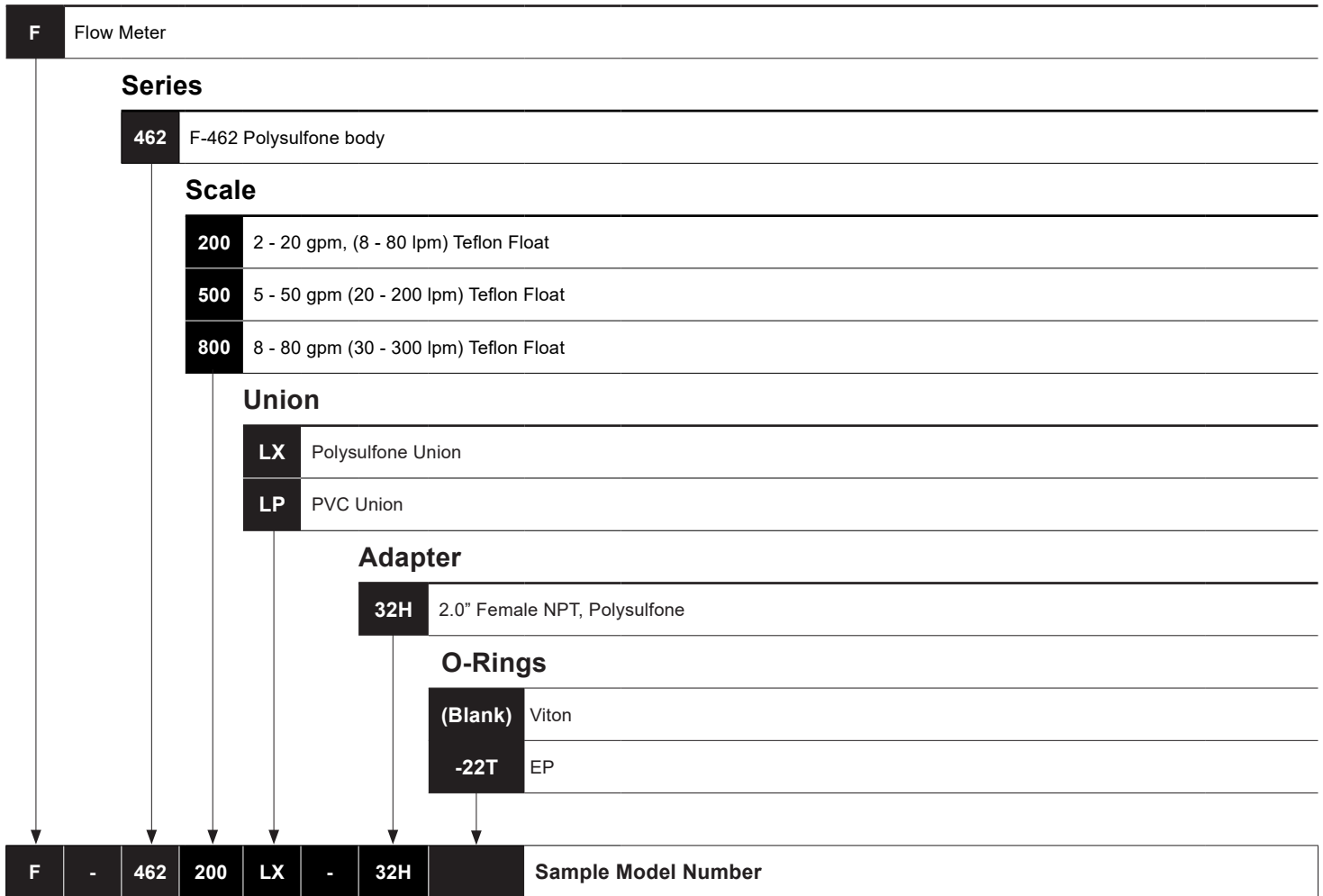
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## Output Specifications

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



\*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.)