F-430

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

4.0 - 100 GPM
15 - 375 LPM

Pressures up to

130 PSI
(8.9 bar)

Max. fluid temp.

130 ˚F
54 ˚C

Body

Acrylic

Adapters

1.5” & 2.0” F/NPT

Warranty

1 Year

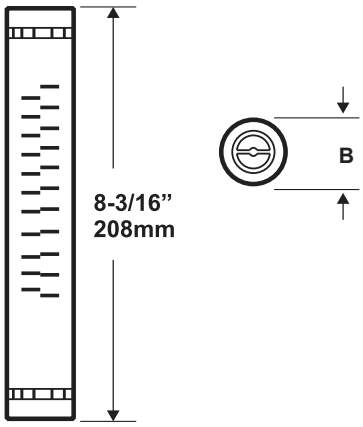
For more help and information regarding **F-430**, please visit www.blue-white.com or scan this QR code.

Engineering Specifications

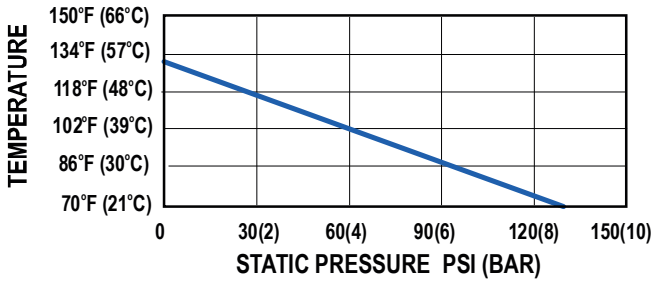
Maximum Working Pressure (Excluding pump tubes)	130 psi (8.9 bar) @ 70 ˚F (21 ˚C)
Maximum Fluid Temperature	130˚F (54 ˚C) @ 0 PSI
Full Scale Accuracy	+/- 5%
Calibration Fluid	Water, specific gravity 1.0
Scale Length	5” (127mm)
Environment	Acceptable for direct sunlight exposure
Maximum Pressure Drop	3 PSI
Approximate Shipping Weight	6 lb (2.7kg)

Dimensions

Dim	Inch	cm
A	14”	35.6
B	3”	7.6



Maximum Temperature vs. Pressure



Materials of Construction

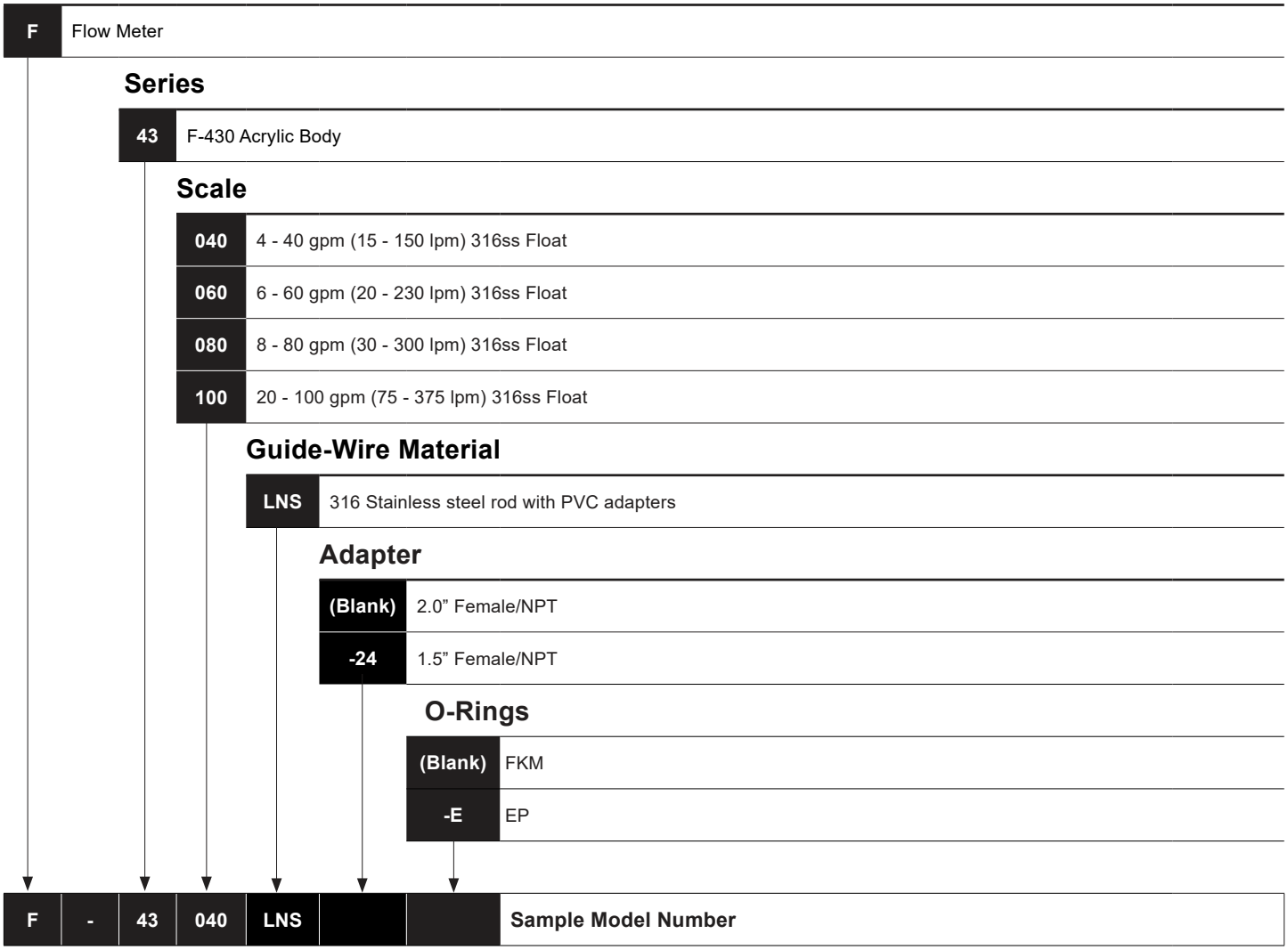
Wetted Components:	
Meter Body	Cast acrylic rod
Adapters	PVC
Guide Rod Holder	Polysulfone
O-ring Seals	FKM (optional EP)
Float	316SS
Guide Rod	316SS

Output Specifications

Model	Feed Rate		Max Pressure	Max Temperature	Float Material
	GPM	LPM	PSI (bar)	˚F (˚C)	
F-43040LNS	4–40	15–150	130 (8.9)	70 (21)	316SS
F-43060LNS	6–60	20–230	130 (8.9)	70 (21)	316SS
F-43080LNS	8–80	30–300	130 (8.9)	70 (21)	316SS
F-43100LNS	20–100	75–375	130 (8.9)	70 (21)	316SS

Model Number Matrix

F-430 Model Number



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

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