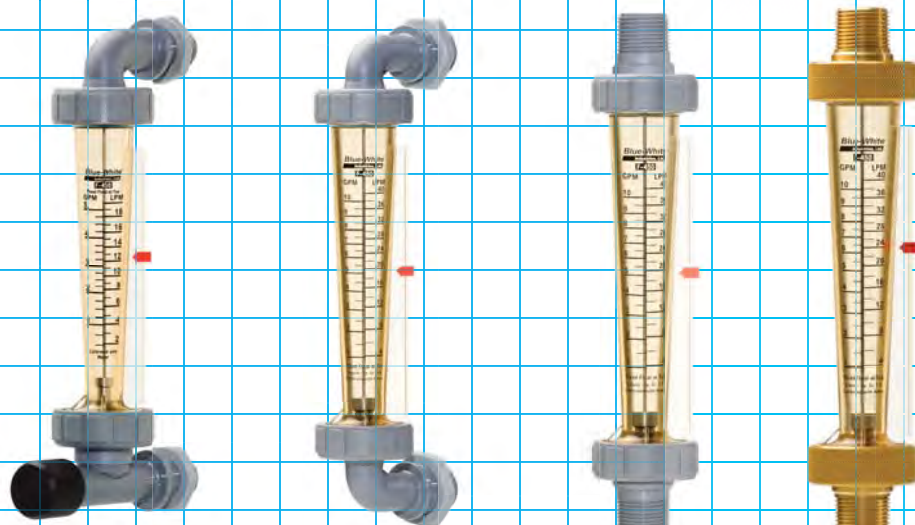


F-450

Long Scale Length

Rod Guided Float



Features:

- Polysulfone meter body resists high temperatures and pressures.
- Taller size for easier reading.
- 316SS or Hastelloy rod guided float.
- Union connections for easy installation and maintenance.
- Direct reading permanent scale.

Materials of Construction:

Meter Body:Polysulfone

Adapters:

Standard SeriesPolysulfone M/NPT, Polypro F/NPT

Solarmeter® SeriesBrass M/NPT or Sweat

Guide Rod Holder:Polysulfone

O-ring seals:Viton® (optional EP)

Union Nuts (non wetted):

Standard SeriesNylon

Solarmeter® SeriesAnodized Aluminum

Float:316SS or PTFE (varies per model)

Guide Rod:

Standard Series316SS

K- SeriesHastelloy

Specifications:

Max. working pressure:175 PSI (12 bar) @ 70°F (21°C)

Max. fluid temperature:

Standard units212° F (100° C) @ 0 PSI

Solarmeter® units240° F (115° C) @ 0 PSI

Full scale accuracy:+/- 4%

Calibration fluid:Water, specific gravity 1.0

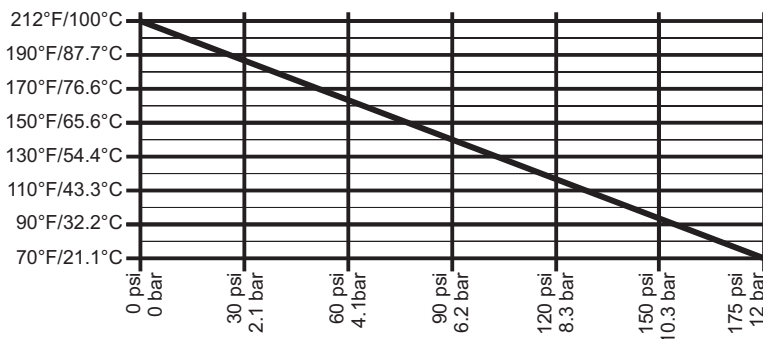
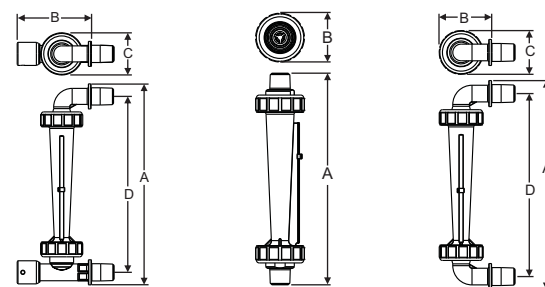
Scale length:4" (100mm) approx.

Environment:Not for direct sunlight exposure.

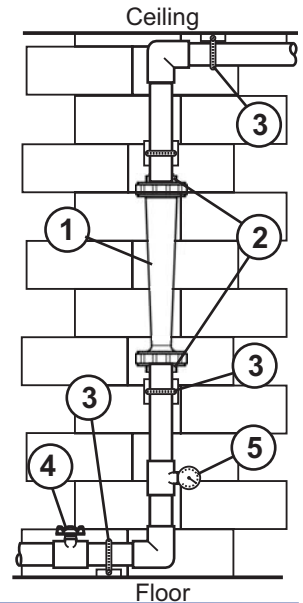
Maximum pressure drop:2 PSI

Approximate shipping wt:0.5 lb. (.23 kg)

Dimensions:



	Model No.	Dim A	Dim B	Dim C	Dim D
Inline	F-45375	8-7/8"	1-3/4"	N/A	N/A
	F-45376	225.5mm	44.4mm		
	F-45500				
Elbow	F-45750	10"	2"	N/A	N/A
		254mm	51mm		
	F-45375E	9-7/8"	3-1/2"	2"	8-9/16"
	F-45376E	250.8mm	88mm	51mm	217.5mm
Adjustable	F-45500E				
	F-45750E	10"	3-1/2"	2"	9-1/8"
		254mm	88mm	51mm	233mm
	F-45375A	9-7/8"	5"	2"	8-9/16"
	F-45376A	250.8mm	127mm	51mm	217.5mm
	F-45500A				
	F-45750A	10"	5"	2"	9-1/8"
		254mm	127mm	51mm	231.8mm



Flow Range and Model Options:

Standard Series - Equipped with 316 SS guide rod

Pipe Size	Dual Scale Range GPM	Range LPM	Float Material	IN-LINE MOUNT MODEL NUMBER	PANEL MOUNT MODEL NUMBER	PANEL MOUNT ADJUSTABLE MODEL NUMBER
3/8" F/NPT	0.1 to 1.0	0.4 to 4.0	PTFE	F-45375L-6	F-45375LE-6	F-45375LA-6
1/2" M/NPT	0.1 to 1.0	0.4 to 4.0	PTFE	F-45375L-8	F-45375LE-8	F-45375LA-8
3/8" F/NPT	0.2 to 2.0	1.0 to 7.5	316 SS	F-45376L-6	F-45376LE-6	F-45376LA-6
1/2" M/NPT	0.2 to 2.0	1.0 to 7.5	316 SS	F-45376L-8	F-45376LE-8	F-45376LA-8
3/8" F/NPT	0.5 to 5.0	2.0 to 20.0	316 SS	F-45500L-6	F-45500LE-6	F-45500LA-6
1/2" M/NPT	0.5 to 5.0	2.0 to 20.0	316 SS	F-45500L-8	F-45500LE-8	F-45500LA-8
3/4" M/NPT	0.5 to 5.0	2.0 to 20.0	316 SS	F-45500L-12	F-45500LE-12	F-45500LA-12
3/4" M/NPT	1.0 to 10.0	4.0 to 40.0	316 SS	F-45750L-12	F-45750LE-12	F-45750LA-12

K-Series - Equipped with Hastelloy guide rod

K-Series models are specially equipped for highly corrosive applications.

Float Material	IN-LINE MOUNT MODEL NUMBER	PANEL MOUNT MODEL NUMBER	PANEL MOUNT ADJUSTABLE MODEL NUMBER
PTFE	F-45375LK-6	F-45375LKE-6	F-45375LKA-6
PTFE	F-45375LK-8	F-45375LKE-8	F-45375LKA-8
Hastelloy	F-45376LK-6	F-45376LKE-6	F-45376LKA-6
Hastelloy	F-45376LK-8	F-45376LKE-8	F-45376LKA-8
Hastelloy	F-45500LK-6	F-45500LKE-6	F-45500LKA-6
Hastelloy	F-45500LK-8	F-45500LKE-8	F-45500LKA-8
Hastelloy	F-45500LK-12	F-45500LKE-12	F-45500LKA-12
Hastelloy	F-45750LK-12	F-45750LKE-12	F-45750LKA-12

NOTE: Panel mount and adjustable models are only available with M/NPT connections.

Solarmeter[®] Series - Equipped with 316 SS guide rod

Solarmeter[®] models are available for in-line installations only.

Models with Brass Adapters

Pipe Size	Dual Scale Range GPM	Range LPM	Float Material	MALE NPT MODEL NUMBER	SWEAT MODEL NUMBER
1/2"	0.1 to 1.0	0.4 to 4.0	PTFE	F-45375LB-9	F-45375LB-8
1/2"	0.2 to 2.0	1.0 to 7.5	316 SS	F-45376LB-9	F-45376LB-8
1/2"	0.5 to 5.0	2.0 to 20.0	316 SS	F-45500LB-9	F-45500LB-8
3/4"	0.5 to 5.0	2.0 to 20.0	316 SS	F-45500LB-13	F-45500LB-12
3/4"	1.0 to 10.0	4.0 to 40.0	316 SS	F-45750LB-13	F-45750LB-12