

Blue-White®

Industries, Ltd.

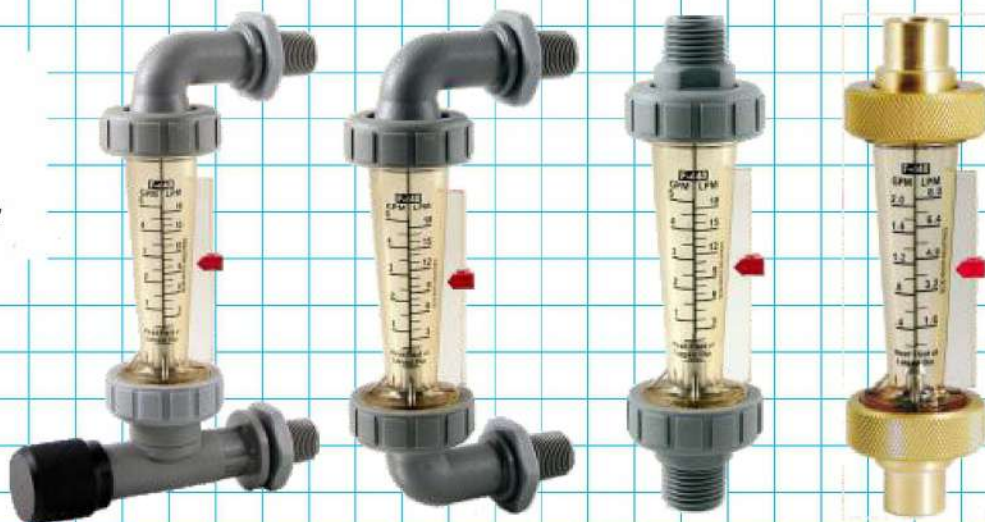
Variable Area Flow Meters

Engineering and Technical Data

F-440

Compact Size

Rod Guided Float



Features:

- Polysulfone meter body resists high temperatures and pressures.
- Compact size for tight installation spaces.
- 316SS or Hastelloy rod guided float.
- Union connections for easy installation and maintenance.
- Adjustable flow rate setpoint indicator.
- Direct reading permanent scale.

Materials of Construction:

Meter Body:Polysulfone

Adapters:

Standard SeriesPolysulfone M/NPT (Optional F/NPT available)

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, PVDF, Hastelloy or PTFE (per model)

Guide Rod:

Standard Series316SS

K- SeriesHastelloy

Specifications:

Max. working pressure:175 PSI (10.3 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%

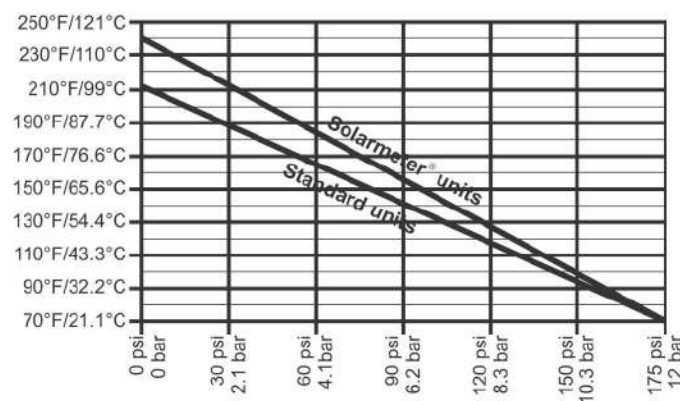
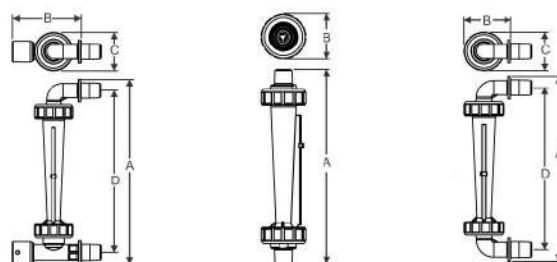
Calibration fluid:Water, specific gravity 1.0

Scale length:2" (50mm) approx.

Environment:Not for direct sunlight exposure.

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

Dimensions:



Model No.	Dim A	Dim B	Dim C	Dim D
Inline				
F-44250	6-3/16"	1-11/16"	N/A	N/A
F-44330	157mm	43mm		
F-44375				
F-44376				
F-44500				
F-44560				
F-44750	7-1/2"	2"	N/A	N/A
	191mm	51mm		
Elbow				
F-44250E	7"	3"	1-11/16"	5-15/16"
F-44330E	178mm	76mm	43mm	151mm
F-44375E				
F-44376E				
F-44500E				
F-44560E	7"	3"	2"	6-13/16"
	178mm	76mm	51mm	173mm
F-44750E	8-1/8"	3"	2"	6-13/16"
	206mm	76mm	51mm	173mm
Adjustable				
F-44250EA	7"	4-1/2"	1-11/16"	6"
F-44330EA	178mm	114mm	43mm	152mm
F-44375EA				
F-44376EA				
F-44500EA				
F-44560EA				
F-44750EA	8"	4-1/2"	2"	6-13/16"
	203mm	114mm	51mm	173mm

Technical data sheet 8850GG-080 rev.2 20180731