

F-550 SERIES PANEL MOUNT FLOWMETER

PIPE SIZE:
1/4", 3/8", 1/2"
3/4", 1"

F-550 Features:

- Durable, highly polished, one piece meter body.
- #316 Stainless steel floats and float guides.
- Sturdy adapters with Viton® o-ring seals. ■ Bulkhead nuts attach directly to inside panel.
- Separate mounting screws are not required.
- Adjustable Flow Control Valve (F-550A only) easy to disassemble. No special tool required, ALL FIELD REPLACEABLE.
- Acceptable in direct sunlight applications.

F-550 Specifications:

Temperature 200°F/93°C @ 0 pressure
 Pressure 250 psig/17.2 Bar @ 70°F/21°C
 Full scale accuracy ± 5%
 Meter Body material Machined acrylic
 Adapter material Polypropylene O-rings Viton
 Float material #316 SS
 Approximate shipping wt. . 2 lbs. (.907 kg.)

See instruction manual at for detailed installation and operating requirements.

ORDERING INFORMATION

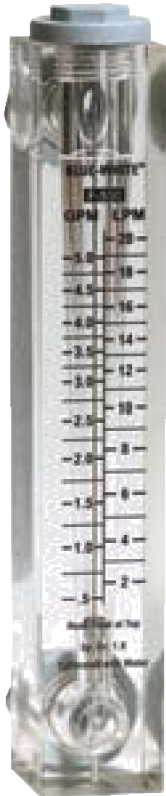
MODEL NUMBER	CALIBRATION GPM	LPM	ADAPTER SIZE	FLOAT MATERIAL
F-55250L	0.025 to 0.250	0.1 to 1	1/4" M/NPT	#316 SS
F-55375L	0.1 to 1	0.4 to 4	3/8" M/NPT	#316 SS
F-55376L	0.2 to 2	0.75 to 7.5	3/8" M/NPT	#316 SS
F-55500L	0.5 to 5	2 to 20	1/2" M/NPT	#316 SS
F-55750L	1 to 10	4 to 40	3/4" M/NPT	#316 SS
F-55005L	1 to 5	3 to 18	1" M/NPT	Teflon
F-55010L	1 to 10	4 to 40	1" M/NPT	#316 SS
F-55015L	1 to 15	5 to 60	1" M/NPT	#316 SS
F-55200L	2 to 20	7.5 to 75	1" M/NPT	#316 SS

Note: To order with Flow Adjustment Valve add the letter "A" after the "L" in the model number
 Model #F-55005L is not available with Adjustment Valve

PANEL MOUNT UNITS FOR AIR

MODEL NUMBER	CALIBRATION SCFM	ADAPTER SIZE	FLOAT MATERIAL
F-55250G	0.1 to 1.2	1/4" M/NPT	#316 SS
F-55375G	0.5 to 4.5	3/8" M/NPT	#316 SS
F-55376G	1 to 7	3/8" M/NPT	#316 SS
F-55500G	2 to 20	1/2" M/NPT	#316 SS
F-55750G	4 to 45	3/4" M/NPT	#316 SS

Note: To order with Flow Adjustment Valve add the letter "A" after the "G" in the model number



F-550 Series



F-550A with Flow Adjustment Valve

F-550 SERIES PARTS

Part Number	Description
76001-079*	Adapter F-55250
91001-141*	Adapter F-55375, F-55376
91001-142*	Adapter F-55500
91001-143*	Adapter F-55750
91001-144*	Adapter F-55200, F-55005, F-55010, F-55015
76001-153*	Adapter Adjustable valve 1/4" M/NPT
91001-173*	Adapter Adjustable valve 3/8" M/NPT
91001-174*	Adapter Adjustable valve 1/2" M/NPT
91001-175*	Adapter Adjustable valve 3/4" M/NPT
91001-176*	Adapter Adjustable valve 1" M/NPT
90003-034	O-Ring for adapter 1/4" (Adj. Model)
90003-081	O-ring for adapter 3/8", 1/2" (Adj. Model)
90003-110	O-ring for adapter 3/4" (Adj. Model)
90003-082	O-ring for adapter 1" (Adj. Model)
76001-080	Cap F-55250
91001-032	Cap F-55375, F-55376, F-55500
91001-033	Cap F-55750
91001-160	Cap for F-55200, F-55005, F-55010, F-55015
91001-171	Panel lock nut 3/4" M/NPT
91001-172	Panel lock nut 1" M/NPT
91001-153	Panel lock nut for 1/4" and 3/8" M/NPT
91001-154	Panel lock nut for 1/2" M/NPT
90003-072	O-ring for adapter 1/4" (Std. Models)
90003-034	O-ring for adapter 3/8", 1/2" (Std. Models)
90003-081	O-ring for adapter 3/4" (Std. Models)
90003-110	O-ring for adapter 1" (Std. Models)

*This part requires an O-ring.



Dimensions

F-550 NON-ADJUSTABLE

Model Number	A	B	C	D	E	Mount Hole
F-55250L (1/4")	7 1/4"	2 1/2"	1 1/16"	5 5/8"	1 1/4"	9/16"
F-55375L (3/8")	8 3/8"	2 3/4"	1 11/32"	6 1/2"	1 1/2"	1 1/16"
F-55376L (3/8")	8 3/8"	2 3/4"	1 11/32"	6 1/2"	1 1/2"	1 1/16"
F-55500L (1/2")	8 3/8"	2 3/4"	1 11/32"	6 1/2"	1 1/2"	7/8"
F-55750L (3/4")	9"	3 3/4"	1 1/2"	6 1/2"	1 3/4"	1 1/16"
F-55200L (1")	10 5/8"	4"	1 3/4"	8"	2"	1 21/64"

F-550 ADJUSTABLE

Model Number	A	B	C	D	E	F
F-55250LA (1/4")	7 1/4"	3 7/16"	1"	5 5/8"	2 7/16"	1 11/32"
F-55375LA (3/8")	8 3/8"	4 1/2"	1 11/32"	6 1/2"	3 1/4"	1 3/4"
F-55376LA (3/8")	8 3/8"	4 1/2"	1 11/32"	6 1/2"	3 1/4"	1 3/4"
F-55500LA (1/2")	8 3/8"	4 1/2"	1 11/32"	6 1/2"	3 1/4"	1 3/4"
F-55750LA (3/4")	9"	5 1/2"	1 1/2"	6 1/2"	3 1/4"	1 5/16"
F-55200LA (1")	10 5/8"	5 1/4"	1 3/4"	8"	3 1/2"	1 7/16"

Note: Mount Hole Dimensions are the same as the Model Non-Adjustable

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