

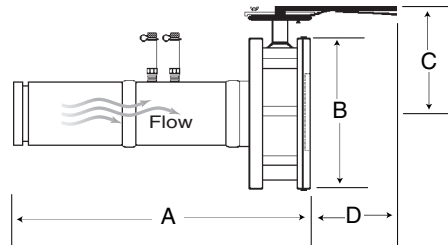


Model EF shown with standard Extended SuperSeal Pressure/Temperature ports, and optional Model GF Grooved Adapter Flange

Product Information

Models EG/EF

Rating:	240 psi at 250° F
Accuracy:	±3% F. S.
Venturi:	Steel ASTM - A120
Body:	Steel ASTM - A120
Instrument Valves:	Ext. SuperSeal Pressure/Temperature Ports
Design:	Low loss, piezo-ring throat
Butterfly Valve:	
Body:	Cast iron, lug-type body ANSI Class 125/150
Seat & Gasket:	EPDM
Stem:	410 Stainless Steel
Bearings:	Nylon
Disc:	Bronze



Model EG AccuSetter includes an extended inlet grooved venturi with a lug butterfly valve mounted on the downstream exit end and a Model GF grooved adapter flange with cap screws, supplied loose, for attachment to the butterfly valve and downstream grooved pipe (Model FG also available). Extended SuperSeal Pressure/Temperature Ports are now standard.

- Field installation requires one standard grooved coupling for the upstream attachment.

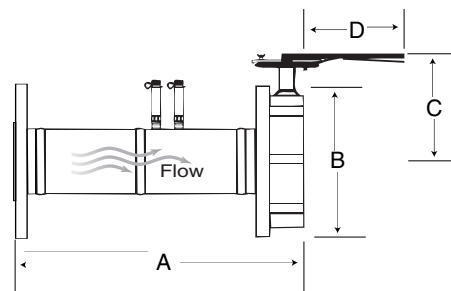
These AccuSetters have an extended inlet section (five-pipe diameters) so valves can be close coupled to an automatic temperature control (ATC) valve.

The AccuSetter uses a low-loss venturi to obtain a measurement accuracy of 3% F. S. The butterfly has a 2" extended neck above the flange for insulation. The valve handle has an infinite-position memory stop in 2" - 6" sizes or gear operator (8"). The entire assembly has a five-year warranty.

The total pressure drop added to the pump head seldom exceeds one foot. The exact drop can be calculated using the formula on Form F199.

Flow measurement can be obtained with a differential pressure meter reading across the venturi taps.

The **design flow** can be obtained by adjusting the valve handle or operator until the desired GPM is reached. The set handle position is maintained by using the memory stop.



Model EF AccuSetter includes an extended flanged venturi with a lug butterfly valve attached to the downstream side. Extended SuperSeal Pressure/ Temperature Ports are now standard.

- Field installation requires one 150# mating flange. Cap screws are included to mate the butterfly and the customer-supplied flange.

Model Order Designation
Options Available
Model / Size

4" EG Shown

EG0400L - MI
Flow Range

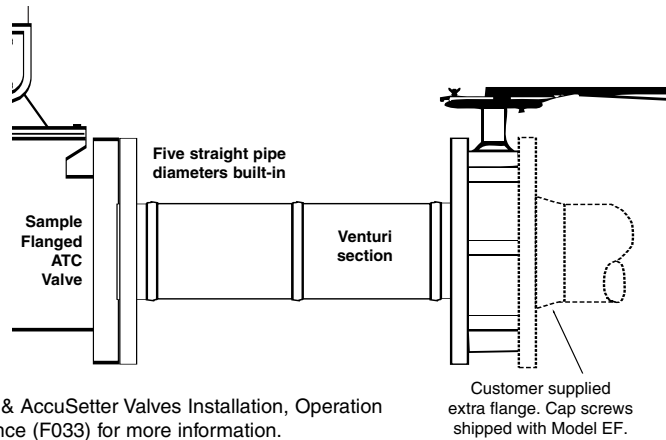
Low Flow Range Shown

Options

 Use for options that have specific locations.
Metal ID Tag Shown
AV Manual Air Vent
C2 1/2" Coupling for Accessory
C3 3/4" Coupling for Accessory
C4 1/4" Coupling for Accessory

FG Grooved Accessory Flange
HN Hose End Drain
PI Plastic Tag
SE Stem Extender

L = Low Flow Range **H** = High Flow Range

Supplemental Installation Instructions


See Venturi & AccuSetter Valves Installation, Operation & Maintenance (F033) for more information.

Customer supplied extra flange. Cap screws shipped with Model EF.

Dimensions not to be used for construction unless prints certified by factory.
Nominal Dimensions & Weights / Cv Rates

Model	Size	Connections	A	B	C	D	Weight
EG0200(*)	2"	Grooved	18.5	6.0	6.6	9.0	21.9
EF0200(*)		150# Flange	18.3	6.0	6.6	9.0	23.7
EG0250(*)	2 1/2"	Grooved	21.2	7.0	7.2	9.0	31.7
EF0250(*)		150# Flange	20.8	7.0	7.2	9.0	33.6
EG0300(*)	3"	Grooved	26.3	7.5	7.6	9.0	42.6
EF0300(*)		150# Flange	25.9	7.5	7.6	9.0	44.5
EG0400(*)	4"	Grooved	34.3	9.0	8.4	9.0	69.5
EF0400(*)		150# Flange	33.9	9.0	8.4	9.0	71.6
EG0500(*)	5"	Grooved	39.9	10.0	9.0	9.0	92.4
EF0500(*)		150# Flange	39.5	10.0	9.0	9.0	95.2
EG0600(*)	6"	Grooved	45.6	11.0	9.7	9.0	131.5
EF0600(*)		150# Flange	45.1	11.0	9.7	9.0	134.0
EG0800(*)	8"	Grooved	56.6	13.5	7.5	5.0	228.0
EF0800(*)		150# Flange	56.0	13.5	7.5	5.0	230.9

Notes

* denotes L (low flow) or H (high flow) must be specified. All weights and dimensions given are in pounds and inches and are subject to change.

Venturi products made from fabricated materials may vary $\pm 1/16$ inch per component.