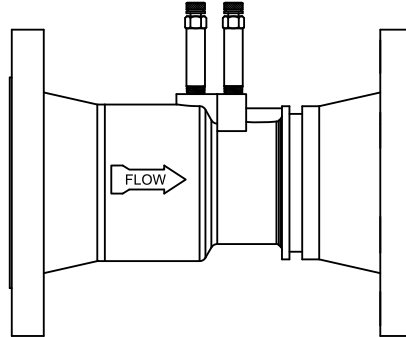




## SFV Series Specifications Steel Flanged Venturi



**PRODUCT DESCRIPTION:** The SFV is a flanged end style venturi. The carbon steel venturi connects to identical, standard ANSI Class 150# flanges. The venturi is designed for highly accurate flow measurement with low pressure loss. High and low flow ranges are available in the 2½", 3", and 4" sizes. The SFV comes standard with two P/T ports.

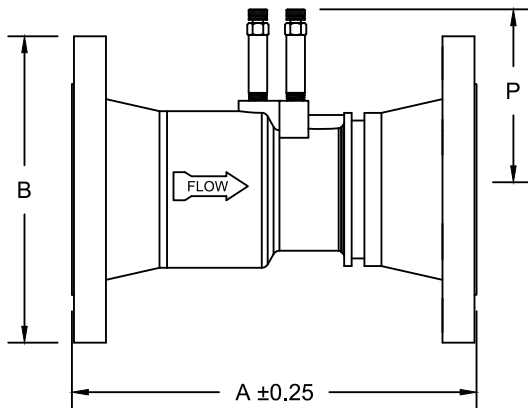
Nominal Line Size	Model #	Lower Flow Range (GPM)	Upper Flow Range (GPM)	Flow Factor (FF)	Weight	Inlet	Outlet
2½"	SFV250L	30	100	147	24	Flange	Flange
	SFV250H	40	220	319	24	Flange	Flange
3"	SFV300L	30	160	227	30	Flange	Flange
	SFV300H	80	400	578	28	Flange	Flange
4"	SFV400L	80	430	611	42	Flange	Flange
	SFV400H	130	720	1029	37	Flange	Flange
5"	SFV500	160	880	1267	54	Flange	Flange
6"	SFV600	200	1100	1551	71	Flange	Flange
8"	SFV800	520	2000	2824	118	Flange	Flange
10"	SFV1000	580	2950	4164	197	Flange	Flange
12"	SFV1200	1250	6700	9670	306	Flange	Flange
<b>STANDARD MATERIAL SPECIFICATIONS</b>				<b>CALCULATIONS</b>			
Venturi Flange PT	Steel Casting, Carbon ASTM A216 Grade WCB Forged Carbon Steel ASTM A105 Brass ASTM B455-05, EPDM Dual Durometer Core			$D.P. = (GPM * 17.3 / FF)^2$ $GPM = \sqrt{D.P.} * FF / 17.3$			
Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice or liability.							

**PRODUCT SPECIFICATIONS:**

- Raised-face flange aids in tight coupling with gaskets to provide maximum resistance to leakage
- Maximum pressure loss 6% of differential pressure
- The carbon steel Venturi accuracy rating: ±1% Between 10" w.c. and 70" w.c. based on Coefficient of Discharge  
±3% Between 5" w.c. and 150" w.c.



SFV Series Dimensions  
Steel Flanged Venturi



SIZE	A	B	P
2½" L & H	10.96	7.00	4.20
3" L & H	11.23	7.50	4.37
4" L & H	12.49	9.00	4.85
5"	13.49	10.00	5.50
6"	14.98	11.00	6.15
8"	16.85	13.50	7.11
10"	20.57	16.00	7.94
12"	26.10	19.00	9.63

*Note: All dimensions and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications at the time of order.*