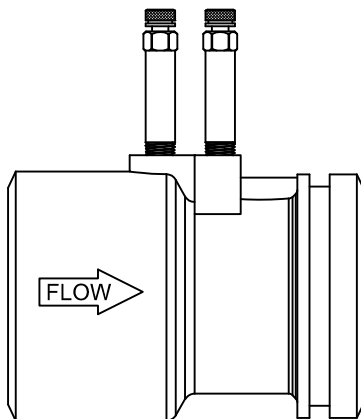




US Industrial Sourcing, L.L.C.

SPECIFICATIONS

Steel Weld End Venturi SWV Series



PRODUCT DESCRIPTION: The USIS SWV is a steel venturi with weld ends that is designed for highly accurate flow measurement with low pressure loss. High and low flow ranges are available in the 2-½", 3", and 4" sizes. The SWV comes standard with two pressure/temperature ports.

Nominal Line Size	Model #	Weight (lbs)	Lower Flow Range (GPM)	Upper Flow Range (GPM)	Flow Factor (FF)	Connection
2-½"	SWV250L	4	20	140	47	Weld
	SWV250H	4	60	320	319	
3"	SWV300L	7	30	220	227	Weld
	SWV300H	5	80	530	578	
4"	SWV400L	11	80	600	611	Weld
	SWV400H	7	140	1000	1029	
5"	SWV500	14	160	1250	1267	Weld
6"	SWV600	20	200	1500	1551	Weld
8"	SWV800	32	450	2800	2824	Weld
10"	SWV1000	85	600	4150	4164	Weld
12"	SWV1200	134	950	9700	9670	Weld
STANDARD MATERIAL Venturi - Steel Casting, Carbon ASTM A216 Grade WCB				CALCULATIONS: $D.P. = (GPM \cdot 17.3 / FF)^2$ $GPM = \sqrt{FF / 17.3 \cdot (D.P.)}$		

PRODUCT SPECIFICATIONS:

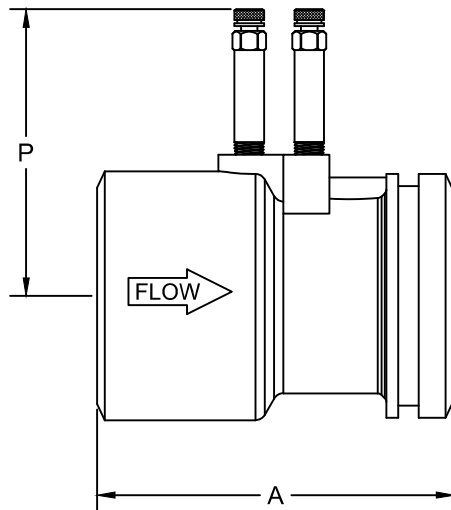
- Maximum pressure loss 6% of differential pressure
- The carbon steel Venturi accuracy rating: ±1% Between 10" w.c. and 70" w.c. based on Coefficient of Discharge
±3% Between 5" w.c. and 150" w.c.



US Industrial Sourcing, L.L.C.

DIMENSIONS

Steel Weld End Venturi SWV Series



SIZE	A	P
2 1/2" L & H	5.2	7.0
3" L & H	5.5	7.5
4" L & H	6.2	9.0
5"	6.2	10.0
6"	7.2	11.0
8"	8.6	13.5
10"	12.3	16.0
12"	17.0	19.0

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.