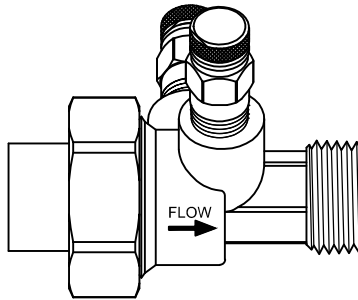




VU Series Specifications

Venturi w/ Integral Union x MPT



PRODUCT DESCRIPTION: The VU flow balancing brass venturi provides highly accurate flow measurement capabilities rated at 600 WOG / CWP @ 250° F. The venturi includes an integral union on the inlet side with standard male pipe thread on the run-out side. Union end incorporates an o-ring for maximum sealing protection. The venturi comes standard with two pressure/temperature ports for instrument readings. The efficient low loss venturi design provides effective flow balancing with minimal system pressure loss. Union connection options include MNPT, FNPT, and SWT, and a variety of reductions.

Model	Size	Recommended Flow Ranges (GPM)		
		Minimum	@ 100"	@ 200"
VU050L	½	0.3	1.1	1.5
VU050H	½	0.9	3.0	4.2
VU075L	¾	0.9	3.0	4.2
VU075H	¾	1.8	6.0	8.5
VU100	1	2.8	9.5	14.0
VU125	1¼	5.4	17.0	24.0
VU150	1½	9.0	26.0	36.0
VU200	2	16.0	46.0	66.0

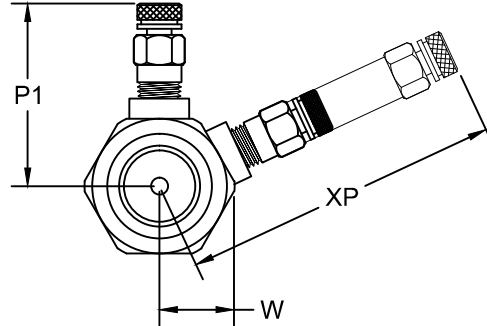
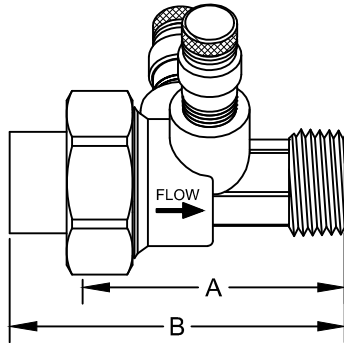
STANDARD MATERIAL SPECIFICATIONS	
Venturi	Cast Copper Alloy B763-08a
O-Ring	EPDM
Tail Piece	Brass ASTM B124-09, B228-06, or B763-08a
PT Port	EDPM Dual Durometer Core
<p>Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice or liability.</p>	

PRODUCT SPECIFICATIONS:

- Devices shall have a 15° regain chamber for optimal pressure regain and minimal permanent pressure drop
- Venturi tube shall be independent of the throttling valve
- Venturi tube shall include proper pipe diameters for optimal accuracy
- The Model VU shall have an accuracy rating of:
 - ±1% between 10" W.C. and 70" W.C.
 - ±3% between 5" W.C. and 150" W.C.
 - ±5% less than 5" W.C. and over 150" W.C.

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VU Series Dimensions Venturi w/ Integral Union x MPT



Model	Size	A	P1	W	Option	Cv *
					XP	
VU050L	½"	2.7	2.1	0.8	3.6	1.1
VU050H	½"	2.7	2.1	0.8	3.6	3.8
VU075UL	¾"	2.7	2.1	0.8	3.6	1.1
VU075L	¾"	2.7	2.1	1.0	3.6	2.3
VU075H	¾"	2.7	2.1	1.0	3.6	8.0
VU100	1"	2.6	2.3	1.1	3.8	13.4
VU125	1¼"	2.8	2.4	1.4	3.9	25
VU150	1½"	3.7	2.8	1.7	4.3	31
VU200	2"	3.8	2.9	2.0	4.4	87

NOTE: All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications.

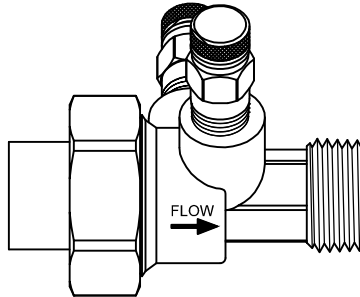
* Cv = Estimated with union connection same as inlet, no reductions.

Tail Piece	Size	B	Weight
- M ½" - F - S	½" L & H	4.2	0.7
		3.3	0.6
		3.3	0.6
- M ½" - F - S	¾" L & H	4.2	0.9
		3.8	0.9
		3.4	0.8
- M ¾" - F - S	1" L & H	4.4	0.9
		3.5	0.9
		3.5	0.8
½" - M ¾" - M - S	1" L & H	4.5	1.3
		4.6	1.4
		3.4	1.1
- M 1" - F - S	1¼" L & H	4.6	1.3
		3.5	1.2
		3.6	1.1
½" - M ¾" - M 1" - M	1½" L & H	4.6	2.1
		4.8	2.3
		4.8	2.3
- M 1¼" - F - S	2" L & H	4.8	2.4
		3.8	2.3
		3.9	2.0
¾" - M 1" - M 1¼" - M	2½" L & H	5.5	3.9
		6.2	3.7
		6.2	3.7
- M 1½" - F - S	3" L & H	6.2	3.8
		4.9	3.4
		4.9	3.2
1" - M 1¼" - M 1½" - M	3½" L & H	5.8	5.9
		6.8	5.9
		6.8	5.8
- M 2" - F - S	4" L & H	6.8	5.8
		5.0	5.1
		5.2	4.7

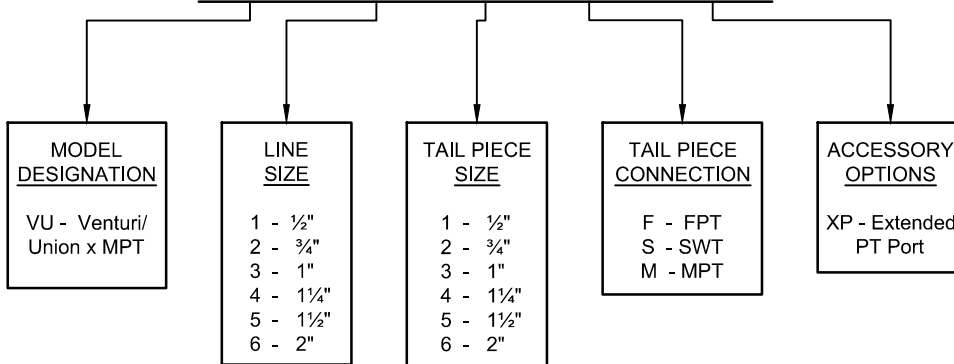
Note: Sweat size listed is nominal and will differ from the actual, measurable size.



VU Series Submittal
Venturi w/ Integral Union x MPT



VU - X - X - X - XX



JOB NAME:		CUSTOMER:	
ENGINEER:		REF/PO#:	DATE:
CONTRACTOR:		SUBMITTED BY:	DATE:
PART # (See table above)	TAGGING/JOB INFORMATION	GPM	QUANTITY