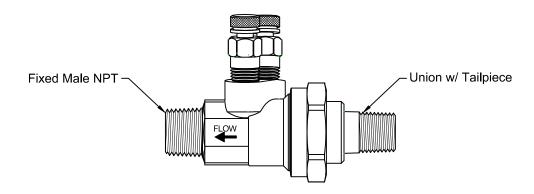


VU Series Specifications Venturi w/ Integral Union x MPT



PRODUCT DESCRIPTION: The VU flow balancing brass venturi provides highly accurate flow measurement capabilities. The venturi includes an integral union on the inlet side with standard male pipe thread on the run-out side. The 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.

Madal	C:	Recommen	ded Flow Ranges (GPM)		
Model	Size	Minimum	@ 100"	@ 200"	
VU050L	1/2"	0.3	1.2	1.8	
VU050H	1/2"	0.9	2.9	4.2	
VU075UL	1/2"	0.3	1.2	1.8	
VU075L	3/4"	0.9	2.9	4.2	
VU075H	3/4"	1.8	6.1	8.9	
VU100	1"	2.8	9.8	14.3	
VU125	11⁄4"	5.4	16.4	24.0	
VU150	1½"	9.0	24.4	35.5	
VU200	2"	16.0	40.8	69.3	

STANDARD MATERIAL SPECIFICATIONS				
Venturi O-Ring Tail Piece Union Nut PT Port	Cast Copper Alloy B763-08a EPDM Brass ASTM B124-09, B228-06, or B763-08a Brass ASTM B455 EDPM Dual Durometer Core			
STANDARD OPERATING SPECIFICATIONS				
Maximum Working Pressure: 600 WOG / CWP Maximum Operating Temperature: 40° F to 250° F				

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.

Phone: 972-271-8801

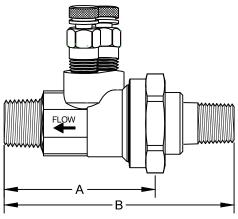
Fax: 972-271-8802

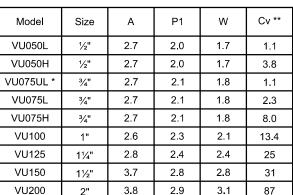
PRODUCT SPECIFICATIONS:

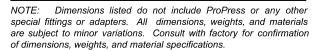
- Devices shall have a 15° regain chamber for optimal pressure regain and minimal permanent pressure drop
- Venturi tube shall be independent of the throttling valve
- Venturi tube shall include proper pipe diameters for optimal accuracy
- The Model VU shall have an accuracy rating of:
 - •• ±1% between 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.



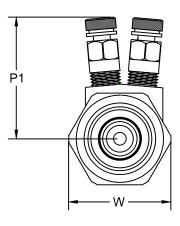
VU Series Dimensions Venturi w/ Integral Union x MPT







^{*} VU075UL Tailpiece size is ½"



Tail Piece	Size	В	Weight
- M ½" - F	1/2"	4.2 3.3	0.7 0.6
- S	L&H	3.3	0.6
- M		4.2	0.9
½" - F		3.8	0.9
- S	3/4"	3.4	8.0
- M	L&H	4.4	0.9
¾" -F		3.5	0.9
- S		3.5	0.8
½" - M		4.5	1.3
_{3/4} " - M		4.6	1.4
- S	1"	3.4	1.1 1.3
- M	, i	4.6	1.3
1" - F		3.5	1.2
- S		3.6	1.1
½" - M		4.6	2.1
3⁄4" - M		4.8	2.3
1" - M	11⁄4"	4.8	2.3
- M	1 /4	4.8	2.4
1¼" - F		3.8	2.3
- S			2.0
3⁄4" - M		5.5	3.9
1" - M		6.2	3.7
1¼" - M	1½"	6.2	3.7
- M	1/2	6.2	3.8
1½" - F		4.9	3.4
- S		4.9	3.2
1" - M		5.8	5.9
11⁄4" - M		6.8	5.9
1½" - M	2"	6.8	5.8
- M		6.8	5.8
2" - F		5.0	5.1
- S		5.2	4.7

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

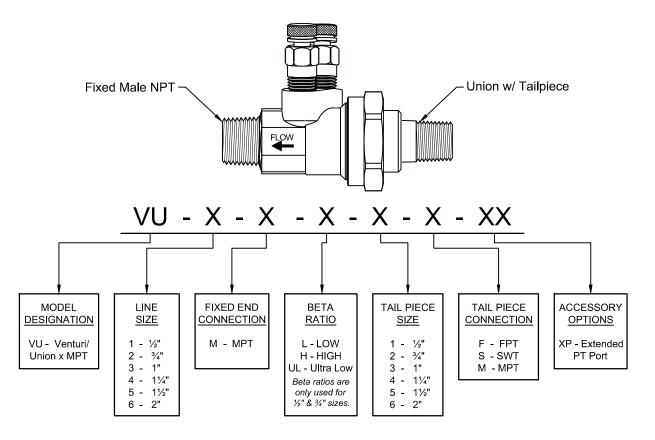
Phone: 972-271-8801

Fax: 972-271-8802

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



VU Series Submittal Venturi w/ Integral Union x MPT



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

Phone: 972-271-8801

Fax: 972-271-8802