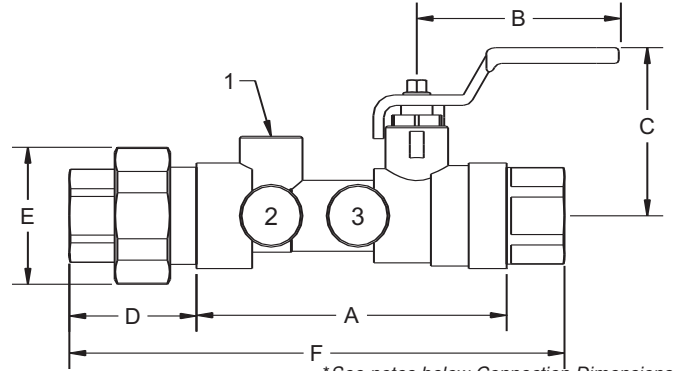




FLOW 



Model UA shown with standard Pressure / Temperature Ports and memory stop.

*See notes below Connection Dimensions chart regarding F dimension

Product Information

- Body:** DZR Brass
- Rating:** 600 psig at 250° F (40 Bar at 120° C)
- Accuracy:** ±3%
- Union (Optional):** Brass with EPDM O-ring
- Fixed Connection:** DZR Brass

Model UA is a shut-off and manual throttling venturi valve with large diameter plated ball and Teflon seats. Stem is blowout proof with EPDM O-ring and Teflon packing with packing nut. Micro handle customary on the A body, and standard handle customary on the B and C bodies; both utilize a standard adjustable memory stop for shut-off and resetting and vinyl coated grip. Dual Pressure / Temperature ports are standard with an additional option available for air vent or drain valve. Available with union connection or fixed threaded or sweat connections each with a metal-to-metal and EPDM O-ring seal.

Configuration Information

Body Size	Venturi No.	Venturi Flow Ranges* gpm (lps)	CV Rating	Fixed Connections in./(mm)	Union Connections in./(mm)
A	1	0.2 - 0.9 (0.01 - 0.06)	.28		
	2	0.4 - 2.0 (0.03 - 0.13)	.77	1/2 (15) S, F, M	3/8 (10) S
	3	1.0 - 4.6 (0.06 - 0.29)	2.2	3/4 (20) S, F, M	1/2 (15) S, F, M
	4	2.3 - 10.1 (0.14 - 0.64)	4.8	1 (25) S, F, M	3/4 (20) S, M
B	5	2.7 - 12.6 (0.17 - 0.80)	6.0	1/2 (15) S, F, M 3/4 (20) S, F, M	1/2 (15) S, F, M 3/4 (20) S, M
	6	5.8 - 27.5 (0.37 - 1.73)	18.0	1 (25) S, F, M 1 1/4 (15) S, F, M	1 (25) S, F, M 1 1/4 (15) S, F, M
C	7	9.5 - 48.8 (0.60 - 3.08)	18.0	1 1/4 (32) S, F, M	1 1/4 (32) S, F, M
	8	22.0 - 103.3 (1.39 - 6.52)	68.0	1 1/2 (40) S, F, M 2 (50) S, F, M	1 1/2 (40) S, F, M 2 (50) S, F, M
		S = female sweat	F = female NPT	M = male NPT	

Notes

* Flow range is from the minimum recommended differential pressure 24" to 500" W.C. (5.97 to 124.42 kPa)
 See installation and operation manual (Flowset)

Product Information

Dimensions not to be used for construction unless prints certified by factory.

Body Dimensions

Body Size	A in./(mm)	B in./(mm)	C in./(mm)	Weight lb./(kg)
A	3.5 (90)	2.3 (58)	2.1 (53)	0.8 (0.4)
B	3.8 (97)	2.3 (58)	2.2 (56)	1.2 (0.5)
C	5.4 (137)	5.5 (140)	3.5 (89)	3.6 (1.6)

Notes

All weights and dimensions are subject to minor changes.

Connection Dimensions

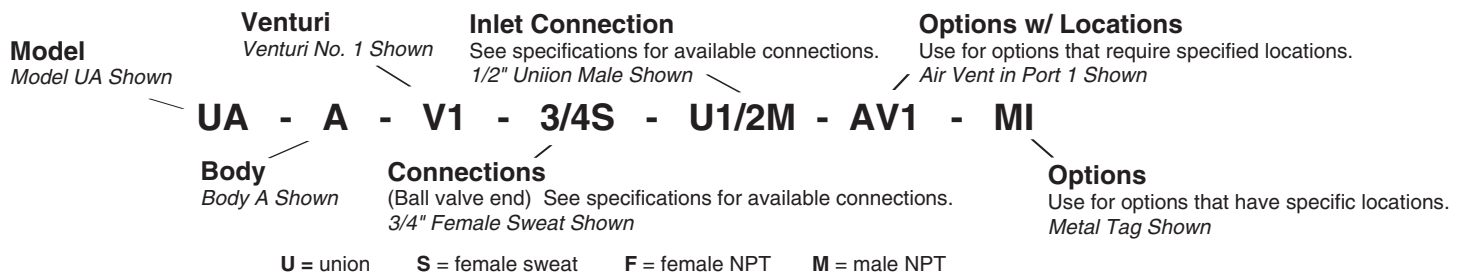
Body Size	Connection Type	D in./(mm)				E in./(mm)				Weight lb./(kg)			
		3/8 (10)	1/2 (15)	3/4 (20)	1 (25)	3/8 (10)	1/2 (15)	3/4 (20)	1 (25)	3/8 (10)	1/2 (15)	3/4 (20)	1 (25)
A	S	—	0.5 (14)	0.8 (20)	1.2 (29)	—	1.1 (28)	1.2 (29)	1.5 (29)	—	0.1 (.05)	0.1 (.05)	0.2 (.08)
	F	—	0.7 (17)	0.8 (20)	1.1 (29)	—	1.1 (28)	1.3 (33)	1.6 (29)	—	0.1 (.06)	0.2 (.08)	0.4 (.16)
	Union S	1.4 (35)	1.5 (37)	1.6 (40)	—	1.6 (39)	1.6 (39)	1.6 (39)	—	0.5 (.20)	0.4 (.20)	0.4 (.20)	—
	Union F	—	1.5 (37)	—	—	—	1.6 (39)	—	—	—	—	0.5 (.21)	—
	Union M	—	2.4 (61)	2.2 (57)	—	—	1.6 (39)	1.6 (39)	—	—	0.5 (.24)	0.5 (.20)	—
B	S	1/2 (15)	3/4 (20)	1 (25)	1 1/4 (32)	1/2 (15)	3/4 (20)	1 (25)	1 1/4 (32)	1/2 (15)	3/4 (20)	1 (25)	1 1/4 (32)
	F	0.5 (14)	0.8 (19)	1.0 (25)	1.2 (28)	1.3 (34)	1.3 (34)	1.5 (37)	1.8 (51)	0.2 (.07)	0.2 (.08)	0.1 (.05)	0.3 (.20)
	Union S	0.7 (18)	0.7 (19)	0.9 (24)	1.1 (32)	1.3 (34)	1.3 (34)	1.6 (41)	2.0 (45)	0.2 (.08)	0.2 (.09)	0.3 (.13)	0.4 (.12)
	Union F	1.5 (37)	1.7 (43)	1.7 (42)	1.8 (45)	2.1 (53)	2.1 (53)	2.4 (60)	2.8 (72)	0.4 (.20)	0.5 (.20)	2.7 (1.21)	1.2 (.54)
	Union M	1.5 (39)	1.6 (40)	1.7 (43)	1.7 (43)	2.1 (53)	2.1 (53)	2.4 (60)	2.8 (72)	0.5 (.22)	0.5 (.22)	2.8 (1.25)	1.3 (.57)
C	S	2.4 (60)	2.2 (56)	2.5 (63)	2.5 (64)	2.1 (53)	2.1 (53)	2.4 (60)	2.8 (72)	0.6 (.26)	0.6 (.28)	3.0 (1.34)	1.5 (.69)
	F	1 1/4 (32)	1 1/2 (40)	2 (50)	—	1 1/4 (32)	1 1/2 (40)	2 (50)	—	1 1/4 (32)	1 1/2 (40)	2 (50)	—
	Union S	1.2 (29)	1.2 (31)	1.7 (42)	—	2.4 (62)	2.4 (62)	2.7 (69)	—	0.7 (.31)	0.6 (.28)	0.7 (.29)	—
	Union F	0.9 (23)	0.9 (23)	1.2 (29)	—	2.4 (62)	2.4 (62)	2.9 (72)	—	0.8 (.34)	0.6 (.29)	0.6 (.29)	—
	Union M	2.0 (51)	2.1 (54)	2.4 (61)	—	3.5 (88)	3.5 (88)	3.8 (97)	—	2.4 (1.10)	2.4 (1.10)	2.8 (1.27)	—

Notes

All weights and dimensions are subject to minor changes.

*The F dimension may be calculated by using two D dimensions and adding them to the A dimension of the valve body.

Model Order Designation



Options Available

- | | | | |
|---------------------------------|---|--------------------------|--|
| AA Automatic Air Vent | EH Extended Handle | PI Plastic ID Tag | <i>Various convenience fittings are available.</i> |
| AV Manual Air Vent | HN Hose End Drain | PL Plug | |
| DX Two Extended P/T Port | MH Micro Handle (optional on B body) | SE Stem Extender | |