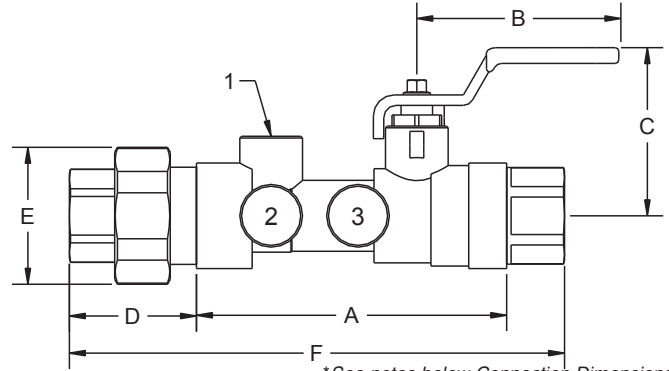




FLOW 



\*See notes below Connection Dimensions chart regarding F dimension

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

### Product Information

- Body:** DZR Brass
- Ball and Stem:** 316 Stainless Steel
- 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 stainless steel ball and Teflon seats. The Stainless Steel 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**

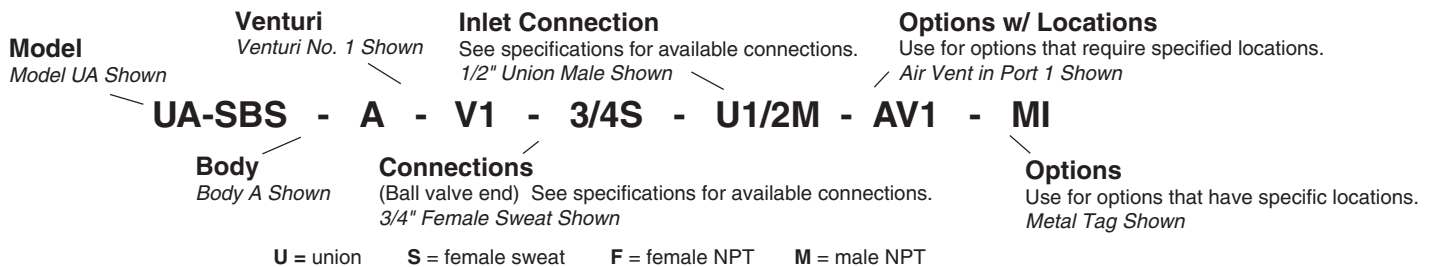
Body Size	Connection Type	D in./(mm)				E in./(mm)				Weight lb./(kg)			
		3/8 (10)	1/2 (15)	3/4 (20)	1 (25)	3/8 (10)	1/2 (15)	3/4 (20)	1 (25)	3/8 (10)	1/2 (15)	3/4 (20)	1 (25)
A	S	—	0.5 (14)	0.8 (20)	1.2 (29)	—	1.1 (28)	1.2 (29)	1.5 (29)	—	0.1 (.05)	0.1 (.05)	0.2 (.08)
	F	—	0.7 (17)	0.8 (20)	1.1 (29)	—	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**

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