

Model UB shown with optional Pressure / Temperature Port and Air Vent.

*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)
- Union (Optional):** Brass with EPDM O-ring
- Fixed Connection:** DZR Brass

Model UB is a shut-off 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; all available with optional adjustable memory stop for shut-off and resetting and vinyl coated grip. Available with union connection or fixed threaded or sweat connections each with a metal-to-metal and EPDM O-ring seal.

Configuration Information

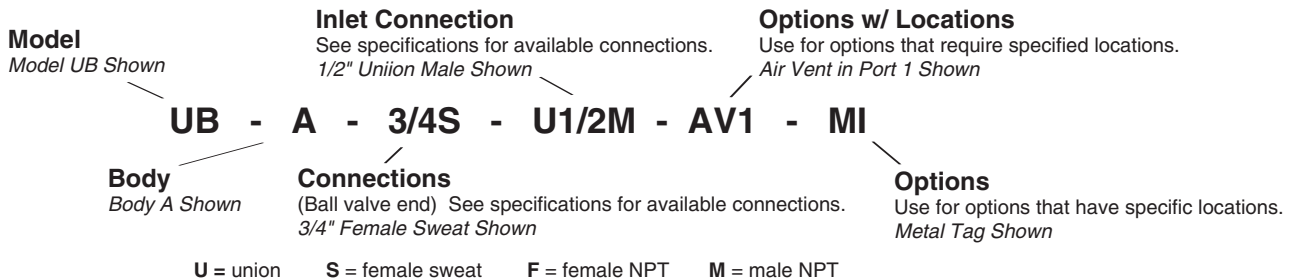
| Body Size | Cv/(Kv) | Fixed Connections in./(mm) | Union Connections in./(mm) |
|-----------|------------|--|---|
| A | 6 (6.94) | 1/2 (15) S, F, M 3/4 (20) S, F, M 1 (25) S, F, M | 3/8 (10) S 1/2 (15) S, F, M 3/4 (20) S, M |
| B | 19 (21.97) | 1/2 (15) S, F, M 3/4 (20) S, F, M 1 (25) S, F, M 1 1/4 (15) S, F, M | 1/2 (15) S, F, M 3/4 (20) S, M 1 (25) S, F, M 1 1/4 (15) S, F, M |
| C | 66 (76.30) | 1 1/4 (32) S, F, M 1 1/2 (40) S, F, M 2 (50) S, F, M | 1 1/4 (32) S, F, M 1 1/2 (40) S, F, M 2 (50) S, F, M |
| | | S = female sweat | F = female NPT |
| | | | M = male NPT |

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 | MH Micro Handle (optional on B body) | <i>Various convenience fittings are available.</i> |
| AV Manual Air Vent | PI Plastic ID Tag | |
| EH Extended Handle | PL Plug | |
| HN Hose End Drain | XL One Extended P/T Port | |