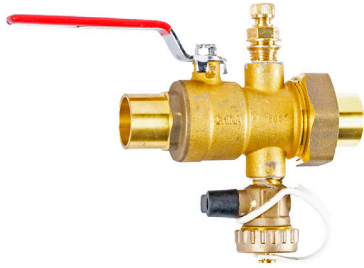


JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 DATE:


Model UBV

Shut-Off Valve

DESCRIPTION

The Bell & Gossett UBV is a combination full port shut-off valve and union for use in HVAC systems. Valves are furnished standard with a hose and drain valve for servicing, one pressure / temperature port for commissioning, and one plugged 1/4" tap. A variety of pipe connections are available on both the fixed and union ends.

CONSTRUCTION

Body: Brass C37000
Ball: Chrome Plated
Ball Seal: Teflon®*
Stem: Explosion Proof
O-Rings: EPDM
Handle: Chrome Plated Steel with Plastic Cover
Taps: 3 Total - 1/4" NPT
 1 - Plugged
 1 - Drain Valve
 1 - Pressure / Temperature Port

MAXIMUM WORKING PRESSURE

400 psig (2,758 kPa)

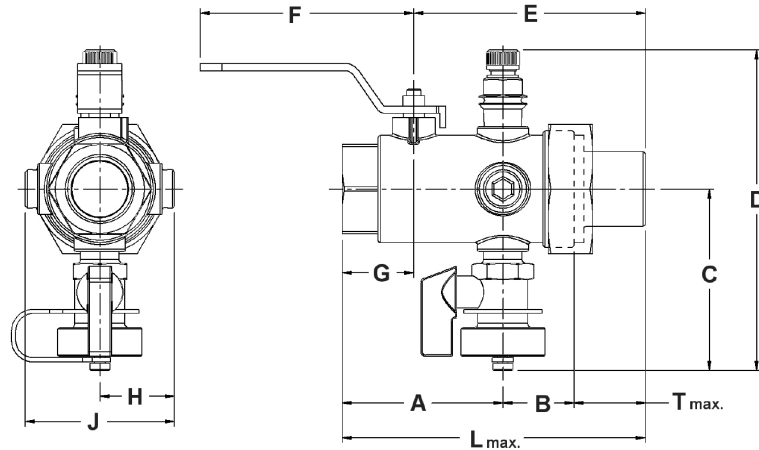
TEMPERATURE RANGE

-4°F (-20°C) to 250°F (121°C)

*Teflon® is a registered trademark of E.I. DuPont de Nemours and Company.

SCHEDULE

Valve Size Fixed End	Tagging Information	Quantity
1/2" Sweat Female		
1/2" NPT Female		
3/4" Sweat Female		
3/4" NPT Female		
1" Sweat Female		
1" NPT Female		
1 1/4" Sweat Female		
1 1/4" NPT Female		
1 1/2" Sweat Female		
1 1/2" NPT Female		
2" Sweat Female		
2" NPT Female		



DIMENSIONS

Valve Size Fixed End	Con-nection Fixed End	Dimensions* Inch (mm)											Approx. Weight Lbs.
		A	B	C	D	E	F	G	H	J	T(Max)	L(Max)	
1/2"	Sweat Female	2.02 (51.3)	0.40 (10.2)	2.525 (64.1)	4.58 (116.2)	3.54 (89.9)	3.38 (85.7)	1.03 (26.3)	0.90 (22.9)	1.81 (45.8)	1.55 (39.4)	3.97 (100.9)	1.6 (0.7)
1/2"	NPT Female	2.00 (50.9)	0.40 (10.2)	2.525 (64.1)	4.58 (116.2)	3.54 (89.9)	3.38 (85.7)	1.02 (25.8)	0.90 (22.9)	1.81 (45.8)	1.55 (39.4)	3.95 (100.5)	1.6 (0.7)
3/4"	Sweat Female	2.67 (67.7)	0.66 (21.8)	2.76 (70.1)	5.05 (128.1)	3.79 (96.3)	3.50 (88.9)	1.45 (36.9)	1.14 (28.9)	2.28 (57.8)	1.55 (39.4)	5.08 (128.9)	1.9 (0.9)
3/4"	NPT Female	2.43 (61.8)	0.86 (21.8)	2.76 (70.1)	5.05 (128.1)	3.79 (96.3)	3.50 (88.9)	1.22 (30.9)	1.14 (28.9)	2.28 (57.8)	1.55 (39.4)	4.84 (123)	1.9 (0.9)
1"	Sweat Female	2.69 (68.4)	0.88 (22.4)	2.763 (70.2)	5.05 (128.2)	4.14 (105.2)	4.00 (101.6)	1.43 (36.2)	1.14 (29.0)	2.28 (57.9)	2.00 (50.8)	5.57 (141.6)	2.9 (1.3)
1"	NPT Female	2.35 (59.7)	0.88 (22.4)	2.763 (70.2)	5.05 (128.2)	4.14 (105.2)	4.00 (101.6)	1.08 (27.5)	1.14 (29.0)	2.28 (57.9)	2.00 (50.8)	5.23 (132.9)	2.9 (1.3)
1 1/4"	Sweat Female	3.56 (90.5)	1.09 (27.7)	3.141 (79.8)	5.81 (147.5)	4.94 (125.5)	5.38 (136.5)	1.71 (43.5)	1.52 (38.6)	3.04 (77.1)	2.00 (50.8)	5.23 (169)	3.9 (1.8)
1 1/4"	NPT Female	3.30 (83.7)	1.09 (27.7)	3.141 (79.8)	5.81 (147.5)	4.94 (125.5)	5.38 (136.5)	1.45 (36.7)	1.52 (38.6)	3.04 (77.1)	2.00 (50.8)	6.39 (162.2)	3.9 (1.8)
1 1/2"	Sweat Female	4.36 (110.7)	1.12 (28.4)	3.42 (86.9)	6.37 (161.7)	5.76 (146.3)	5.50 (139.7)	2.25 (57.0)	1.80 (45.7)	3.60 (91.3)	2.52 (64.0)	8.00 (203.1)	5.2 (2.4)
1 1/2"	NPT Female	4.01 (102.0)	1.12 (28.4)	3.42 (86.9)	6.37 (161.7)	5.76 (146.3)	5.50 (139.7)	1.90 (48.3)	1.80 (45.7)	3.60 (91.3)	2.52 (64.0)	7.65 (194.4)	5.2 (2.4)
2"	Sweat Female	4.72 (119.9)	1.21 (30.7)	3.685 (93.6)	6.90 (175.1)	6.97 (177.0)	6.00 (152.4)	2.10 (53.4)	2.06 (52.4)	4.13 (104.8)	3.14 (79.8)	9.07 (230.4)	7.7 (3.5)
2"	NPT Female	4.20 (106.7)	1.21 (30.7)	3.685 (93.6)	6.90 (175.1)	6.97 (177.0)	6.00 (152.4)	1.59 (40.3)	2.06 (52.4)	4.13 (104.8)	3.14 (79.8)	8.55 (217.2)	7.7 (3.5)

*All dimensions +/- 0.125 (3.2 mm) tolerance. Dimensions are subject to change. Not to be used for construction purposes unless certified.



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