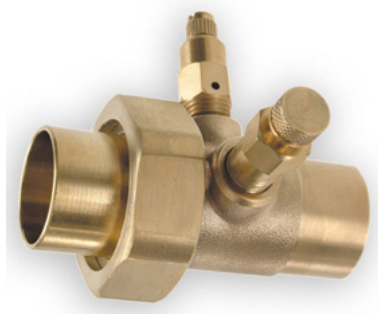


Job	Representative	
Unit tag	Order number	Date
Engineer	Submitted by	Date
Contractor	Approved by	Date



Model UA

Union Accessory

The Bell & Gossett UA is a combination union, component isolation, and commissioning accessory for use in HVAC systems. Union Accessories are furnished with one manual air vent and one pressure/temperature port for commissioning. A variety of pipe connections are available on both the fixed and union ends.

Construction materials

Body: Brass

Taps: Two 1/4" NPT spaced 90° apart

O-rings: EPDM

Operating data

Maximum working pressure:

NPT & sweat: 400 PSIG (2,758 kPa)

Press: 200 PSIG (1,380 kPa)

Temperature range:

NPT & sweat: -4°F (-20°C) to

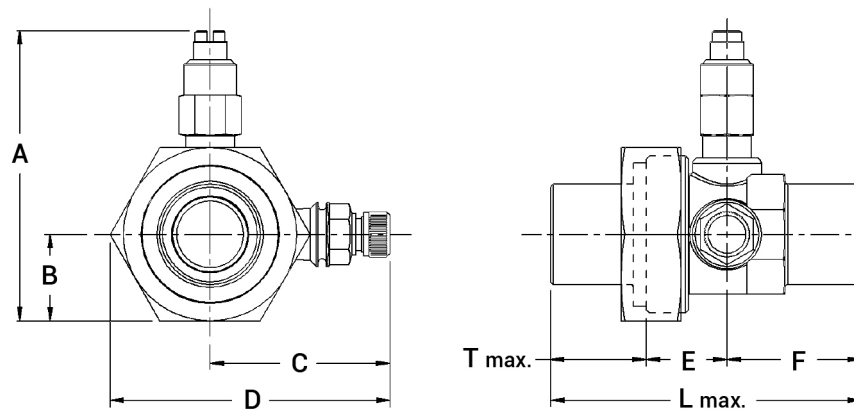
250°F (121°C)

Press: 32°F (0°C) to 200°F (93°C)

Schedule

Valve size fixed end	Tagging information	Quantity
1/2" Sweat Female		
1/2" NPT Female		
1/2" NPT Male		
1/2" Press Connect		
3/4" Sweat Female		
3/4" NPT Female		
3/4" NPT Male		
3/4" Press Connect		
1" Sweat Female		
1" NPT Female		
1" Press Connect		
1 1/4" Sweat Female		
1 1/4" NPT Female		
1 1/4" Press Connect		
1 1/2" Sweat Female		
1 1/2" NPT Female		
1 1/2" Press Connect		
2" Sweat Female		
2" NPT Female		
2" Press Connect		

Model UA Union accessory



Dimensions and weights

Valve size fixed end	Connection fixed end	Dimensions* - inches (mm)								Approx. weight lbs. (kg)
		A	B	C	D	E	F	T (max)	L (max)	
½"	Sweat Female	2.8 (70)	0.7 (18)	2.0 (49)	2.8 (70)	0.9 (23)	1.2 (31)	1.6 (39)	3.7 (93)	1.1 (0.5)
½"	NPT Female	2.8 (70)	0.7 (18)	2.0 (49)	2.8 (70)	0.9 (23)	1.1 (27)	1.6 (39)	3.5 (89)	1.1 (0.5)
½"	NPT Male	2.8 (70)	0.7 (18)	2.0 (49)	2.8 (70)	1.1 (27)	1.8 (45)	1.6 (39)	4.4 (112)	1.5 (0.7)
½"	Press Connect	2.8 (70)	0.7 (18)	2.0 (49)	2.8 (70)	0.9 (23)	1.3 (33)	1.1 (28)	3.3 (84)	1.1 (0.5)
¾"	Sweat Female	3.0 (76)	0.9 (22)	2.0 (51)	3.0 (75)	0.9 (22)	1.3 (33)	1.6 (39)	3.7 (93)	1.3 (0.6)
¾"	NPT Female	3.0 (76)	0.9 (22)	2.0 (51)	3.0 (75)	0.9 (22)	1.2 (30)	1.6 (39)	3.7 (93)	1.4 (0.6)
¾"	NPT Male	3.0 (76)	0.9 (22)	2.0 (51)	3.0 (75)	1.1 (28)	1.7 (43)	1.6 (39)	4.4 (111)	1.8 (0.8)
¾"	Press Connect	3.0 (76)	0.9 (22)	2.0 (51)	3.0 (75)	0.9 (24)	1.3 (33)	1.1 (28)	3.4 (85)	1.6 (0.7)
1"	Sweat Female	3.2 (81)	1.0 (25)	2.1 (54)	3.2 (81)	0.9 (23)	1.5 (38)	2.0 (51)	4.4 (112)	1.6 (0.7)
1"	NPT Female	3.2 (81)	1.0 (25)	2.1 (54)	3.2 (81)	0.9 (23)	1.2 (31)	2.0 (51)	5.0 (105)	1.8 (0.8)
1"	Press Connect	3.2 (81)	1.0 (25)	2.1 (54)	3.2 (81)	0.9 (23)	1.5 (37)	1.2 (29)	2.7 (67)	2.0 (0.9)
1¼"	Sweat Female	3.7 (95)	1.2 (32)	2.4 (61)	3.8 (97)	1.1 (27)	1.9 (48)	2.0 (51)	4.1 (126)	2.4 (1.1)
1¼"	NPT Female	3.7 (95)	1.2 (32)	2.4 (61)	3.8 (97)	1.1 (27)	1.3 (32)	2.0 (51)	4.3 (110)	2.5 (1.1)
1¼"	Press Connect	3.7 (95)	1.2 (32)	2.4 (61)	3.8 (97)	1.1 (27)	1.4 (37)	1.3 (32)	3.6 (92)	3.0 (1.4)
1½"	Sweat Female	4.1 (103)	1.5 (38)	2.5 (63)	4.2 (106)	1.1 (29)	1.9 (48)	2.5 (64)	5.5 (140)	3.4 (1.5)
1½"	NPT Female	4.1 (103)	1.5 (38)	2.5 (63)	4.2 (106)	1.1 (29)	1.5 (38)	2.5 (64)	5.2 (131)	3.6 (1.6)
1½"	Press Connect	4.1 (103)	1.5 (38)	2.5 (63)	4.2 (106)	1.1 (29)	1.8 (45)	1.7 (43)	3.3 (83)	4.0 (1.8)
2"	Sweat Female	4.8 (121)	1.9 (48)	2.8 (71)	4.7 (120)	1.1 (28)	1.9 (49)	3.1 (80)	6.2 (157)	5.0 (2.3)
2"	NPT Female	4.8 (121)	1.9 (48)	2.8 (71)	4.7 (120)	1.1 (28)	1.7 (42)	3.1 (80)	5.9 (150)	5.6 (2.5)
2"	Press Connect	4.8 (121)	1.9 (48)	2.8 (71)	4.7 (120)	1.1 (28)	2.0 (51)	2.0 (50)	3.5 (88)	6.0 (2.9)

*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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