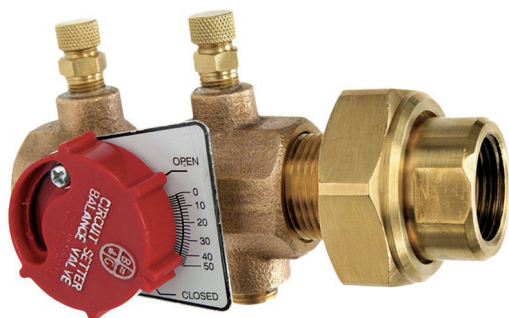


Job	Representative	
Unit tag	Order number	Date
Engineer	Submitted by	Date
Contractor	Approved by	Date



Circuit Setter® Plus Model MC

The Bell & Gossett Model MC is a presettable calibrated balance, commissioning and positive shut-off valve for use in HVAC systems. Valves are furnished with a calibrated nameplate, memory stop, two pressure / temperature ports, and a hanging ID tag for commissioning. A variety of end connections are available on both the fixed and union ends.

Construction materials

Body: Brass

Ball: 304 Stainless Steel

Ball seal: Glass and Carbon filled TFE

Stem o-rings: EPDM

Operating data

Maximum working pressure:

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

Press: 200 PSIG (1,380 kPa)

Temperature range:

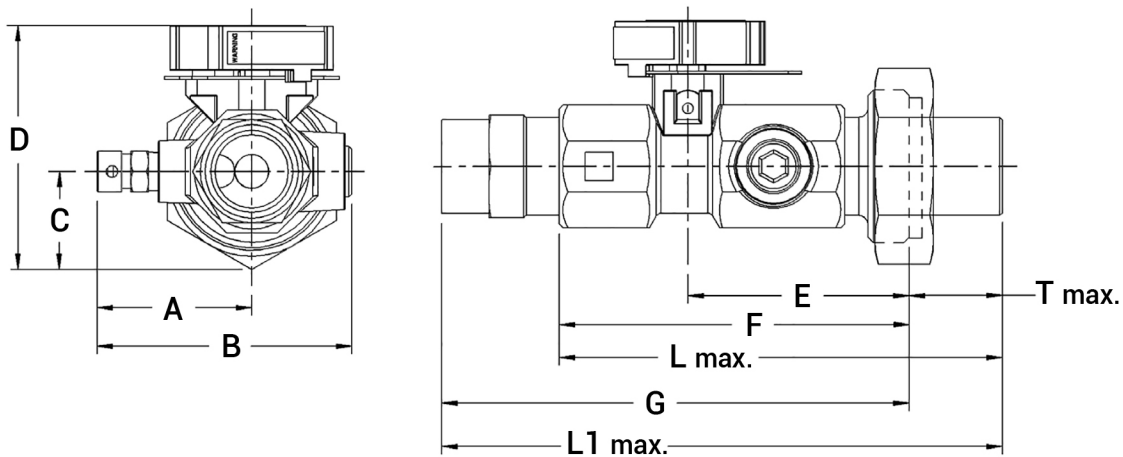
NPT & sweat: -4°F (-20°C) to 250°F (121°C)

Press: 32°F (0°C) to 200°F (93°C)

Schedule

Valve size fixed end	Tagging information	Quantity
½" Sweat female		
½" NPT female		
½" Press connect		
¾" Sweat female		
¾" NPT female		
¾" Press connect		
1" Sweat female		
1" NPT female		
1" Press connect		
1¼" Sweat female		
1¼" NPT female		
1¼" Press connect		
1½" Sweat female		
1½" NPT female		
1½" Press connect		
2" Sweat female		
2" NPT female		
2" Press connect		

Model MC



Dimensions and Weights

Valve size fixed end	Connection fixed end	Dimensions* - inches (mm)										Approx. weight lbs. (kg)
		A	B	C	D	E	F	L (max)	G	L1 (max)	T (max)	
½"	Sweat Female	2.0 (51)	3.0 (76)	0.6 (14)	2.0 (51)	2.2 (26)	3.5 (89)	-	4.1 (104)	5.7 (144)	1.6 (39)	1.9 (0.9)
	NPT Female	2.0 (51)	3.0 (76)	0.6 (14)	2.0 (51)	2.2 (26)	3.5 (89)	5.1 (128)	-	-	1.6 (39)	1.9 (0.9)
	Press Connect	2.0 (51)	3.0 (76)	0.6 (14)	2.0 (51)	2.2 (26)	3.5 (89)	-	4.1 (104)	5.7 (144)	1.6 (39)	1.9 (0.9)
¾"	Sweat Female	2.0 (52)	3.1 (79)	0.7 (17)	2.2 (56)	2.3 (58)	3.7 (93)	-	4.7 (119)	6.2 (158)	1.6 (39)	2.4 (1.1)
	NPT Female	2.0 (52)	3.1 (79)	0.7 (17)	2.2 (56)	2.3 (58)	3.7 (93)	5.2 (132)	-	-	1.6 (39)	2.4 (1.1)
	Press Connect	2.0 (52)	3.1 (79)	0.7 (17)	2.2 (56)	2.3 (58)	3.7 (93)	-	4.7 (119)	6.2 (158)	1.6 (39)	2.4 (1.1)
1"	Sweat Female	2.2 (55)	3.4 (87)	0.8 (21)	2.5 (64)	2.6 (67)	4.4 (111)	-	5.6 (141)	7.6 (192)	2.0 (51)	3.4 (1.5)
	NPT Female	2.2 (55)	3.4 (87)	0.8 (21)	2.5 (64)	2.6 (67)	4.4 (111)	6.4 (162)	-	-	2.0 (51)	3.4 (1.5)
	Press Connect	2.2 (55)	3.4 (87)	0.8 (21)	2.5 (64)	2.6 (67)	4.4 (111)	-	5.6 (141)	7.6 (192)	2.0 (51)	3.4 (1.5)
1¼"	Sweat Female	2.3 (59)	3.7 (94)	1.0 (25)	3.3 (84)	3.1 (79)	5.1 (128)	-	6.3 (159)	8.3 (210)	2.0 (51)	5.2 (2.4)
	NPT Female	2.3 (59)	3.7 (94)	1.0 (25)	3.3 (84)	3.1 (79)	5.1 (128)	7.1 (179)	-	-	2.0 (51)	5.2 (2.4)
	Press Connect	2.3 (59)	3.7 (94)	1.0 (25)	3.3 (84)	3.1 (79)	5.1 (128)	-	6.3 (159)	8.3 (210)	2.0 (51)	5.2 (2.4)
1½"	Sweat Female	2.5 (62)	4.0 (101)	1.1 (29)	3.5 (88)	3.8 (96)	5.7 (145)	-	7.0 (179)	9.6 (243)	2.5 (64)	6.6 (3.0)
	NPT Female	2.5 (62)	4.0 (101)	1.1 (29)	3.5 (88)	3.8 (96)	5.7 (145)	8.2 (209)	-	-	2.5 (64)	6.6 (3.0)
	Press Connect	2.5 (62)	4.0 (101)	1.1 (29)	3.5 (88)	3.8 (96)	5.7 (145)	-	7.0 (179)	9.6 (243)	2.5 (64)	6.6 (3.0)
2"	Sweat Female	2.7 (69)	4.5 (113)	1.4 (35)	4.0 (102)	4.2 (107)	6.5 (164)	-	8.2 (207)	11.3 (287)	3.1 (80)	10.3 (4.7)
	NPT Female	2.7 (69)	4.5 (113)	1.4 (35)	4.0 (102)	4.2 (107)	6.5 (164)	9.6 (244)	-	-	3.1 (80)	10.3 (4.7)
	Press Connect	2.7 (69)	4.5 (113)	1.4 (35)	4.0 (102)	4.2 (107)	6.5 (164)	-	8.2 (207)	11.3 (287)	3.1 (80)	10.3 (4.7)

*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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