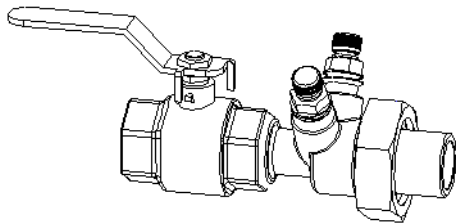


JOB:	REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:



MODEL MV Venturi/Ball Valve Combination

DESCRIPTION

Bell & Gossett's Model MV is a combination calibrated balance, commissioning and positive shut-off valve for use in HVAC systems. An efficient brass Venturi design provides accurate flow balancing with minimal system pressure loss. Valves are furnished with two pressure / temperature ports, standard port ball valve with memory stop, and a hanging ID tag for commissioning. A variety of end connections are available on both the fixed and union ends.

CONSTRUCTION

Body: Brass C37700
 Ball: Chrome Plated
 Ball Seal: Teflon
 Stem: Explosion Proof
 O-Rings: EPDM
 Handle: Chrome Plated Steel with Vinyl Cover

MAXIMUM WORKING PRESSURE

400 psig (2,758 kPa)

TEMPERATURE RANGE

-4°F (-20°C) to 250°F (121°C)

ACCURACY

+/- 1% Between 10" W.C. & 70" W.C.
 +/- 3% Between 5" W.C. & 150" W.C.
 +/- 5% Less than 5" W.C. & Over 150" W.C.

See Instruction Sheet V57895

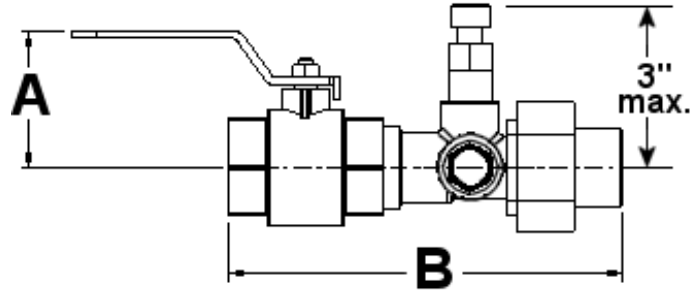
SCHEDULE

VALVE SIZE/FIXED END	TAGGING INFORMATION	QUANTITY
½"L Sweat Female		
½"L NPT Female		
½"H Sweat Female		
½"H NPT Female		
¾"UL Sweat Female		
¾"UL NPT Female		
¾"L Sweat Female		
¾"L NPT Female		
¾"H Sweat Female		
¾"H NPT Female		
1" Sweat Female		
1" NPT Female		
1¼" Sweat Female		
1¼" NPT Female		
1½" Sweat Female		
1½" NPT Female		
2" Sweat Female		
2" NPT Female		

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VALVE SIZE/FIXED END	Recommended Flow Rate GPM (l/m)	DIMENSIONS* INCH (mm)		APPROX. WT. LBS. (kg)
		A	B	
1/4" L Sweat Female	0.3 - 0.9 (1.14 - 3.41)	1.30" (33)	4.98" (127)	1.23 (0.6)
1/4" L NPT Female	0.3 - 0.9 (1.14 - 3.41)	1.30" (33)	4.98" (127)	1.23 (0.6)
1/2" H Sweat Female	1.0 - 4.8 (3.8 - 18.18)	1.30" (33)	4.98" (127)	1.23 (0.6)
1/2" H NPT Female	1.0 - 4.8 (3.8 - 18.18)	1.30" (33)	4.98" (127)	1.23 (0.6)
3/4" UL Sweat Female	0.3 - 0.9 (1.14 - 3.41)	1.50" (38)	5.40" (137)	1.50 (0.7)
3/4" UL NPT Female	0.3 - 0.9 (1.14 - 3.41)	1.50" (38)	5.40" (137)	1.50 (0.7)
3/4" L Sweat Female	1.0 - 2.8 (3.8 - 10.6)	1.50" (38)	5.40" (137)	1.50 (0.7)
3/4" L NPT Female	1.0 - 2.8 (3.8 - 10.6)	1.50" (38)	5.40" (137)	1.50 (0.7)
3/4" H Sweat Female	3.0 - 9.0 (11.4 - 34.09)	1.50" (38)	5.40" (137)	1.50 (0.7)
3/4" H NPT Female	3.0 - 9.0 (11.4 - 34.09)	1.50" (38)	5.40" (137)	1.50 (0.7)
1" Sweat Female	2.8 - 15.0 (10.61 - 56.82)	1.80" (46)	5.80" (147)	2.45 (1.11)
1" NPT Female	2.8 - 15.0 (10.61 - 56.82)	1.80" (46)	5.80" (147)	2.45 (1.11)
1 1/4" Sweat Female	5.4 - 26.0 (20.46 - 98.49)	2.05" (52)	6.60" (168)	3.50 (1.59)
1 1/4" NPT Female	5.4 - 26.0 (20.46 - 98.49)	2.05" (52)	6.60" (168)	3.50 (1.59)
1 1/2" Sweat Female	12.0 - 40 (45.46 - 151.52)	2.48" (63)	7.60" (193)	4.81 (2.18)
1 1/2" NPT Female	12.0 - 40 (45.46 - 151.52)	2.48" (63)	7.60" (193)	4.81 (2.18)
2" Sweat Female	22.0 - 75 (83.33 - 284.09)	2.64" (67)	9.90" (251)	7.25 (3.29)
2" NPT Female	22.0 - 75 (83.33 - 284.09)	2.64" (67)	9.90" (251)	7.25 (3.29)

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

Please see Data Chart #EP-600



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