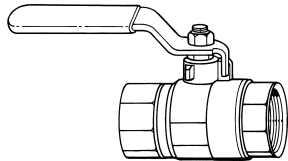
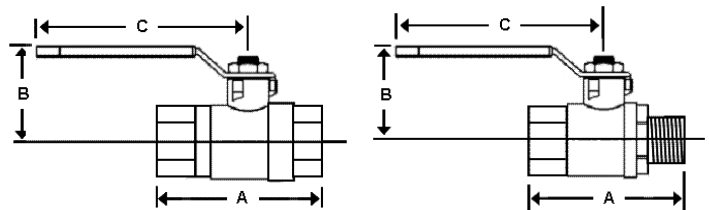
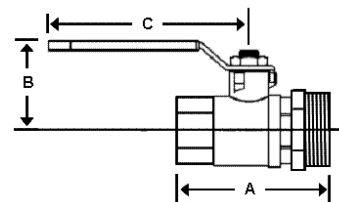


JOB:	REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:



Rolairtrol/SRS Manual Blowdown Valve

The model MBV is a manual blowdown valve which can be added to the blowdown connection of any B & G Rolairtrol air separator or SRS sediment removal separator. The function of the MBV is to facilitate the manual purging of sediment from the vessel. The MBV-1 has a full port with a 1" NPTF connection. The MBV-2 has a full port with a 2" NPTM connection. The MBV-3L and MBV-3H have a full port with a 3" NPTM connection. The MBV-3L is rated for 125 psi maximum working pressure, while the MBV-3H is rated for 290 psi maximum working pressure.


MBV-1
MBV-2

MBV-3L and MBV-3H
TYPICAL SPECIFICATIONS

Furnish and install as shows on plans ITT Bell & Gossett Manual Blowdown Valve Model MBV-____. A manual blowdown valve used for purging sediment from a hot or chilled water shall be a ____ size with NPT male/female connections. The valve shall have a brass or bronze body, a reinforced TFE seat, and in the case of 3" models, shall include a 3" x 2" reducer made of either cast iron or forged steel. Manual blowdown valve shall be suitable for use up to ____ PSIG (____ kPa) working pressure at 250°F (121°C).

OPERATIONAL LIMITS

Maximum Working Pressure: 125 PSIG (862 kPa) or 290 PSIG (2,000 kPa)*
 Maximum Operating Temperature: 250 °F (121 °C)

*125 PSIG maximum working pressure applies to model MBV-3L blowdown valve. 290 PSIG maximum working pressure applies to MBV-1, MBV-2, and MBV-3H blowdown valve.

CONSTRUCTION
Ball Valve

Body: Brass
 Ball: Chrome Plated Brass
 Seal: Reinforced PTFE
 Packing: PTFE

Reducer Bushing

Low Pressure Reducer: Cast Iron
 High Pressure Reducer: Forged Steel

MOTOR FRAME	DIMENSIONS** - INCHES (mm)			Approx. Wt. lbs. (kg)
	A	B	C	
MBV-1	3.2 (81.3)	2.3 (58.4)	4.6 (116.8)	1.5 (0.7)
MBV-2	7.7 (195.3)	3.7 (93.5)	6.6 (166.9)	5.0 (2.3)
MBV-3L	8.5 (216.0)	3.7 (93.5)	6.6 (166.9)	6.5 (2.9)
MBV-3H	8.5 (216.0)	3.7 (93.5)	6.6 (166.9)	6.5 (2.9)

****Dimensions are subject to change. Not to be used for construction purposes unless certified.**

SCHEDULE

PART NUMBER	MODEL	SIZE	TAGGING	QUANTITY
5358-001-00-002	MBV-1	1"		
5358-002-00-001	MBV-2	2"		
5358-002-00-002	MBV-3L	3"		
5358-002-00-003	MBV-3H	3"		

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