

9500 SERIES COOLING WATER BLOWDOWN VALVES



950X series PLASTIC VALVE ASSEMBLIES

Body	PVC
Sizes	½ to 2 inch
Guide	316 SS
Flow Control	Set screw
Diaphragm	Buna-N
Differential Pressure	10 psi to open
Max Pressure	50 psi (3.4 bar)
Max Temperature	120°F (49°C)

951X SERIES BRASS VALVE ASSEMBLIES

Body	Brass
Sizes	½ to 1 inch
Diaphragm	Viton
Differential Pressure	10 psi to open
Max Pressure	235 psi (16.2 bar)
Max Temperature	180°F (82°C)
Power	120 VAC

Supplied with 120 VAC to 24 VAC power supply



952X SERIES “RELIABLE” CUSTOM BLOWDOWN VALVE ASSEMBLY

Body	Carbon Steel
Sizes	1 to 4 inch
Guide	316 SS
Flow Control	Set screw
Diaphragm	Buna-N
Differential Pressure	10 psi to open
Max Pressure	125 psi (8.6 bar)
Max Temperature	150°F (65°C)
Power	120 VAC

FLOW RANGE

VALVE SIZE

½ inch	1-10 gpm	Flow range rough approximation for pressure differentials from 1 to 50 psi (0.01 to 3.4 bar).
¾ inch	5-15 gpm	
1 inch	10-40 gpm	
1½ inch	15-80 gpm	
2 inch	20-150 gpm	

ORDERING INFORMATION VALVE ASSEMBLY MODEL and PART NUMBER

<u>SIZE</u>	<u>PLASTIC</u>	<u>BRASS</u>	<u>“RELIABLE” STEEL[■]</u>
½ inch	9501 (1167433)	9511 (1166666)	-
¾ inch	9502 (1167434)	9512 (1166667)	-
1 inch	9503 (1167435)	9513 (1166668)	9523 (1167441)
1½ inch	9504 (1167436)	-	9524 (1167442)
2 inch	9505 (1167437)	-	9525 (1167443)
3 inch	-	-	9526 (1167445)
4 inch	-	-	9527 (1167446)

■NOTES ON “RELIABLE” CUSTOM BLOWDOWN VALVE ASSEMBLY

Valve can be arranged to provide as little as 6 inches head pressure to open and close with fresh water pilot operation. Pilot can be operated from fresh water supply for very dirty blowdown water. Pilot strainer included with the valve assembly. Slow closing operation. Valve normally closed, actuate to open. For blowdown line operated pilot operation where fresh water pressure is not available, minimum differential pressure is 10 psi (0.7 bar) with the valve operating into a pressure greater than atmospheric.



GV
Part no. 1167520

The GV is a 1/2 inch NPT Globe Valve and is used for throttling or metering the flow restriction near the boiler sensor to prevent steam flashing.



MBV1
Part no. 1268608

- Size 1 / 2 inch NPT
- Body Carbon Steel
- Rating 250 psi (17.2 bar) @ 400°F (204°C)
- Seals Reinforced TFE
- Ball 316 SS

MBV2
Part no. 1268614

- Size 3 / 4 inch NPT
- Body Carbon Steel
- Rating 250 psi (17.2 bar) @ 400°F (204°C)
- Seals Reinforced TFE
- Ball 316 SS

VALVES

PART NO. DESCRIPTION

BLOWDOWN VALVES

1167433	9501, 1/2" plastic diaphragm bleed valve
1167434	9502, 3/4" plastic diaphragm bleed valve
1167435	9503, 1" plastic diaphragm bleed valve
1167436	9504, 1 1/2" plastic diaphragm bleed valve
1167437	9505, 2" plastic diaphragm bleed valve
1166666	9511, 1/2" brass diaphragm bleed valve
1166667	9512, 3/4" brass diaphragm bleed valve
1166668	9513, 1" brass diaphragm bleed valve
1167441	9523, 1" pilot actuated steel diaphragm bleed valve
1167442	9524, 1 1/2" pilot actuated steel diaphragm bleed valve
1167443	9525, 2" pilot actuated steel diaphragm bleed valve
1168445	9526, 3" pilot actuated steel diaphragm bleed valve
1168446	9527, 4" pilot actuated steel diaphragm bleed valve
1167520	GV, Globe valve
1268608	MBV1, 1/2 inch motorized ball valve
1268614	MBV2, 3/4 inch motorized ball valve