

BP700 Backflow Preventer

PRODUCT DATA



SPECIFICATIONS

Size:

BP700 3/4 in.
BP701 1 in.

Weight:

BP700 1.0 lbs (0.45 kg).
BP701 1.4 lbs (0.64 kg).

Connection Size: 1/2 - 3/4 in. Female NPT.

Maximum Temperature: 180 °F (82 °C).

Maximum Pressure: 150 psi (1034 kPa).

Dimensions: 4-1/4 x 2-1/4 in. (108 x 57 mm).

INSTRUCTIONS

1. The BP700 Dual Check Valve may be installed in either a vertical or horizontal position and should be installed immediately down stream of the water meter. If a reducing valve is used then the Dual Check can be installed as indicated in Fig. 2.

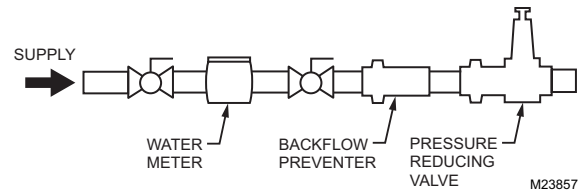


Fig. 1. Installation for use with Pressure Reducing Valve.

⚠ WARNING

The BP700 Dual Check Valve should be installed in accessible locations for servicing, testing and to protect from freezing.

2. Thoroughly flush pipe line before installing backflow preventer.
3. Be sure that the valve is installed in proper flow direction as indicated by the arrow on the valve body.
4. For installation use only wrench flats provided on the body end and on the nut. Wrench applied to the body of the valve may cause distortion of the valve body and components.
5. Overtightening of the nut connection is not necessary because the union seal is made by means of an O-ring.
6. Sweat fit adapters should be soldered into the line prior to valve installation. That avoids damages to plastic check module.

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7. The use of backflow preventers will create a closed system. Under certain conditions, water heater relief valve could drip or discharge when pressure increases to the set pressure.

Disassembly Instructions

1. Remove the Backflow preventer from the line leaving the union and nut in line.
2. Remove the two check pieces by pressing from the outlet end (where the arrow is stamped).

NOTE: Complete check module assemblies are available as replacement. It is recommended that if check modules are fouled, the entire check module be replaced. Do not disassemble and clean component parts of the module.

Re-Assembly Instructions

1. Inspect body bore. Remove any foreign material by cleaning the surface.
2. Apply small amount of silicone grease to each exterior surface of the O-ring.

3. Insert one check module making sure that the movable portion of the check is facing the union connection. Insert the O-ring. Repeat with second check.
4. Insert O-ring union connection. Insert one O-ring. Repeat with second check.
5. Re-install valve in line and tighten union nut. Use wrench flats of the hexagon and octagon; do not apply wrench to body of the valve.

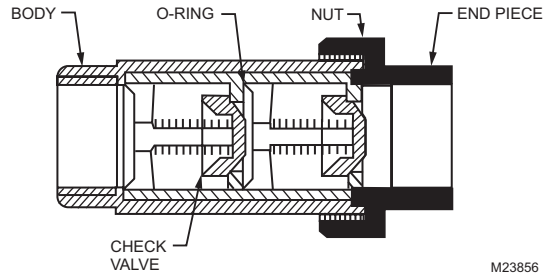


Fig. 2. Backflow Preventer.

ORDERING INFORMATION

When purchasing replacement and modernization products from your TRADELINE® wholesaler or distributor, refer to the TRADELINE® Catalog or price sheets for complete ordering number.

If you have additional questions, need further information, or would like to comment on our products or services, please write or phone:

1. Your local Honeywell Automation and Control Products Sales Office (check white pages of your phone directory).
2. Honeywell Customer Care
1885 Douglas Drive North
Minneapolis, Minnesota 55422-4386

In Canada—Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Toronto, Ontario M1V 4Z9.

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