

FAILURE TO FOLLOW THESE INSTRUCTION WILL VOID ANY WARRANTY

The Flomatic Model 8080 is designed to be installed down stream from the house water meter where a cross connection could result in pollution of potable water. This product is intended for use with copper or plastic pipe only (do not use on steel pipe which is rated at a higher pressure rating). If a health hazard could result from a cross connection, use a Flomatic RPZE Reduced Pressure Principle Backflow Preventer.

Installation Instructions:

1. Before installing the Model 8080, flush lines to remove all sediment and foreign matter from the line.
2. Plastic union nuts shall be hand tightened only. Insure that "O"-rings (see #4 in figure) are properly positioned before tightening union nuts. **DO NOT** use tools as it will damage union nut.
3. Use only Teflon tape for sealing pipe threads. **DO NOT** use Teflon tape or pipe sealant on union nut threads.
4. **DO NOT** install in areas subject to freezing. Valve will burst and cause severe damage to property due to flooding.
5. A suitable strainer should be installed upstream of the device when possible.

6. **Caution:** As in any piping system, provisions should be made to eliminate any water hammer and thermal expansion as these conditions will create damaging and dangerous high internal pressures.



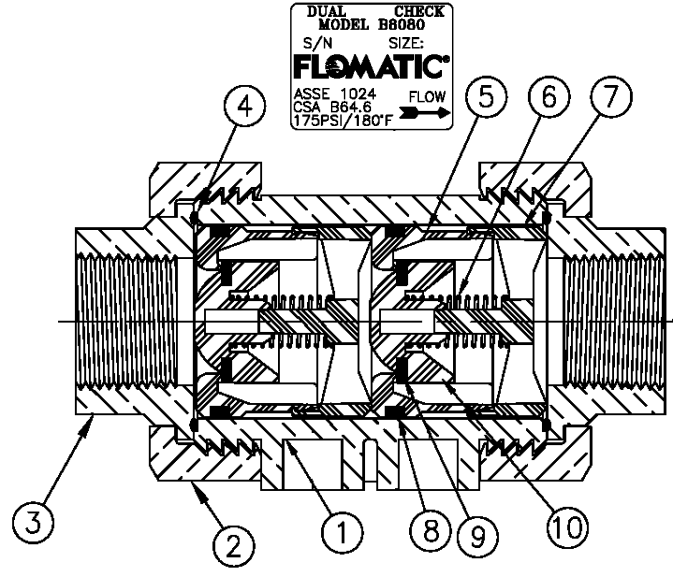
Maintenance:

Servicing the Model 8080 involves replacing the check valve assemblies.

- 1) Turn off water supply and releif pressure in system.
- 2) Open downstream fixture to relieve pressure to valve.
- 3) After isolating backflow preventer, remove it from line by loosening union nuts.
- 4) Remove check assemblies.
- 5) Clean inside of the valve body and replace check assemblies in correct direction of flow.

Re-install the valve, hand tightening union nuts.

Caution: DO NOT USE TOOLS FOR TIGHTENING UNION NUT. HAND TIGTENING IS SUFFICIENT FOR SEAL.



Item	Qty	Description	Material	ASTM
1	1	Valve Body	NORYL®	GFN2-780S
2	2	Tailpiece Union Nut	Brass	B16
3	2	Tailpiece	Brass	B16
4	2	Tailpiece O-Ring	BUNA-N	-
5	2	Check Housing	DELRIN®	-
6	2	Check Spring	Stainless Steel	302
7	2	Check Spring Retainer	DELRIN®	-
8	2	Check O-Ring	BUNA-N	-
9	2	Check Disc	SILICONE	Grade 60
10	2	Check Poppet	NORYL®	GFN2-780S

NORYL® is a GE registered trademark & DELRN® is a DuPont registered trademark.

Valve Size	Part Number
3/4"	B8080
1"	B8081

Repair Parts Kits		
Repair Kit	Description	Part Number
Rubber Repair Kit	2 Valve seat discs-2 Union O-rings-2 Seat O-rings	B80RK00
Major Repair Kit	2 Check Seats-2 Valve seat discs-2Body O-Rings-2 Seat O-Rings	89600PO

1 Year Limited Warranty: Flomatic valves are guaranteed against defects of materials or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to Flomatic Corporation within 12 months from the date of purchase, it will be repaired or replaced free of charge. Flomatic Corporations' liability shall be limited to our agreement to repair or replace the valve only.