

Mueller® Model M98™ Dual Check Valve

GENERAL

Application

Install dual check valves on the outlet of a meter to prevent the back flow of possibly contaminated water into the potable water system. Dual check valves also prevent water back up damage to meter parts and eliminate meter box flooding when making meter changes. All parts of the Model M98 Dual Check Valve are corrosion-resistant for many years of dependable service.

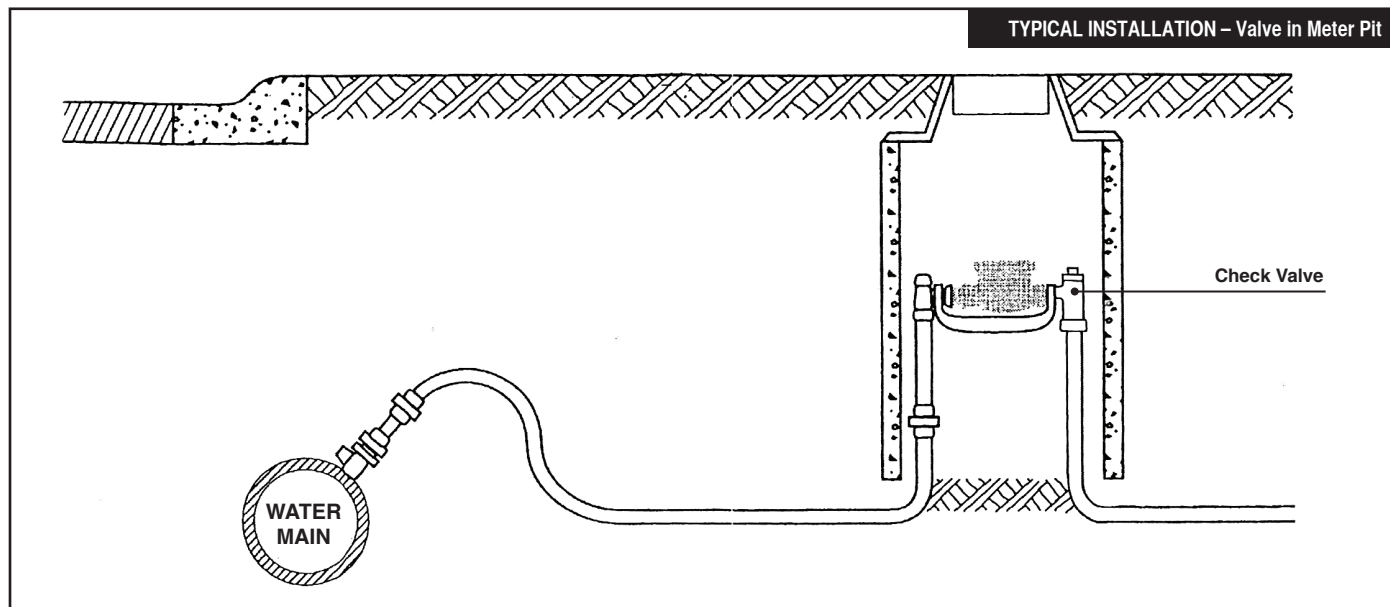
Features

- Complies with ASSE Std. 1024
- Corrosion-resistant material
- Fully independent plastic check modules
- 180°F max. temperature
- Operating pressure up to 175psig
- Excellent flow characteristics
- Meets applicable requirements of AWWA C800



INSTALLATION

1. Model M98 Dual Check Valve may be installed in either a vertical or horizontal position.
 2. Valve should be installed down stream of the water meter (and water pressure regulator if used).
 3. Install valve in a location that is accessible, with cap exposed to facilitate removal, servicing, or testing.
 4. Protect the valve from freezing.
 5. Pipe should be thoroughly flushed to remove foreign material before installing the check valve.
 6. Ensure the valve is installed with flow in proper direction (refer to flow direction arrow on valve body).
 7. When tightening valve connections, only use wrenching flats provided.
 8. The meter connection uses a flat gasket seal and only needs to be tightened sufficiently to prevent water leakage. Do not over tighten.
- NOTE: 1½" and 2" check valve has a meter flange connection.**



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DISASSEMBLY

All internal parts of the Model M98 Dual Check Valve are replaceable without removing the valve from the line. The O-ring sealed end cap provides full, easy access to working parts. Each poppet valve, with attached gasket and spring, can be replaced individually if desired. An extraction tool (see item

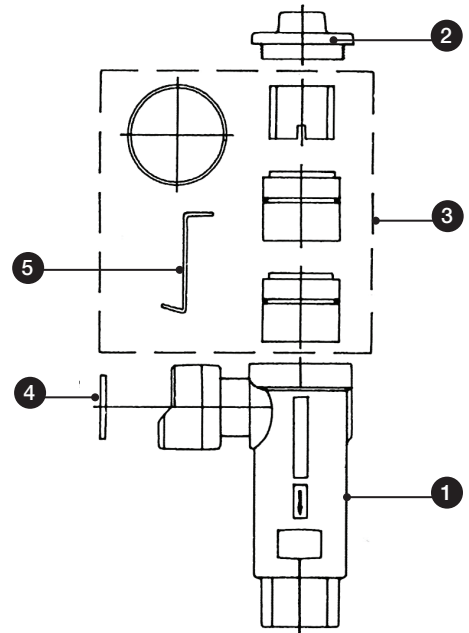
CDC-5 under Repair Parts below) can be used to easily remove the liner and two cartridge poppet valves for individual testing or replacement. (Extraction tool is not required for disassembly, but recommended to ease disassembly, and to help avoid damaging poppet valve seats.)

REPAIR PARTS

ID	PART	DESCRIPTION
1	CDC-1	End Cap
2	CDC-2	Sealing Cap
3	CDC-3	Sealing Kit (see note 1)
4	CDC-4	Rubber Meter Washer*
5	CDC-5	Poppet Extraction Tool

Order all parts by catalog number and size of valve.

NOTE 1:
CDC-3 Sealing Kit includes:
 2/Popper Assemblies with O-rings
 1/Liner (1½" and 2" kit includes two liners with O-rings)
 1/O-ring (End Cap Seal)
 1/Extraction Tool (CDC-5)



Catalog No.	Inlet	Outlet	Sizes
G-14460-AN	Meter Saddle Nut	FIP	• 5/8" x 3/4" (fits 5/8" meter)
G-14461-AN	Meter Saddle Nut	Copper Flare	
G-14462-AN	Meter Saddle Nut	110 (CTS)**	• 5/8" x 3/4" x 3/4" (fits 5/8" x 3/4" or 3/4" meter)
P-14462-AN	Meter Saddle Nut	Pack Joint (CTS)	• 1"
G-14463-AN	Meter Saddle Nut	MIP	
G-14460-AN	Meter Flange	FIP	• 1½" & 2"
G-14462-AN	Meter Flange	110 (CTS)**	• 2"
P-14462-AN	Meter Flange	Pack Joint (CTS)	• 2"
G-14464-AN	Lock Nut	FIP	• 5/8" x 3/4" (fits 5/8" meter)
G-14465-AN	Lock Nut	Copper Flare	
G-14466-AN	Lock Nut	110 (CTS)**	• 5/8" x 3/4" x 3/4" (fits 5/8" x 3/4" or 3/4" meter)
P-14466-AN	Lock Nut	Pack Joint (CTS)	• 5/8" x 3/4" x 1"
G-14467-AN	Lock Nut	MIP	• 1"

*Not included in 1½" and 2" kit

**110 Conductive Compression Connection (CTS). Mueller CTS Grip Compression Connection Available.

