**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.

![Typical Installation - Valve in Meter Pit](image)
Mueller® Model M98™ Dual Check Valve

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 desassembly, but recommended to ease disassembly, and to help avoid damaging poppet valve seats.)

REPAIR PARTS

<table>
<thead>
<tr>
<th>ID</th>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CDC-1</td>
<td>End Cap</td>
</tr>
<tr>
<td>2</td>
<td>CDC-2</td>
<td>Sealing Cap</td>
</tr>
<tr>
<td>3</td>
<td>CDC-3</td>
<td>Sealing Kit (see note 1)</td>
</tr>
<tr>
<td>4</td>
<td>CDC-4</td>
<td>Rubber Meter Washer*</td>
</tr>
<tr>
<td>5</td>
<td>CDC-5</td>
<td>Poppet Extraction Tool</td>
</tr>
</tbody>
</table>

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 | • 5/8” x 3/4” x 3/4” (fits 5/8” x 3/4” or 3/4” meter) |
G-14462-AN   | Meter Saddle Nut | 110 (CTS)** | • 1”                                             |
P-14462-AN   | Meter Saddle Nut | Pack Joint (CTS) |                                               |
G-14463-AN   | Meter Saddle Nut | MIP          |                                                 |
G-14460-AN   | Meter Flange     | FIP          | • 1½” & 2”                                     |
P-14462-AN   | Meter Flange     | 110 (CTS)** | • 2”                                             |
G-14464-AN   | Lock Nut         | FIP          | • 5/8” x 3/4” (fits 5/8” meter)                |
G-14465-AN   | Lock Nut         | Copper Flare | • 5/8” x 3/4” x 3/4” (fits 5/8” x 3/4” or 3/4” meter) |
G-14466-AN   | Lock Nut         | 110 (CTS)** | • 1½” x 3/4” x 1”                             |
P-14466-AN   | Lock Nut         | Pack Joint (CTS) |                                               |
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.