

MUELLER

DUAL CHECK VALVE

Corrosion Resistance/Outlet Seal/Economical

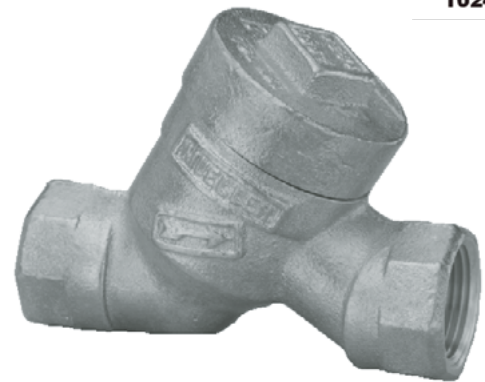
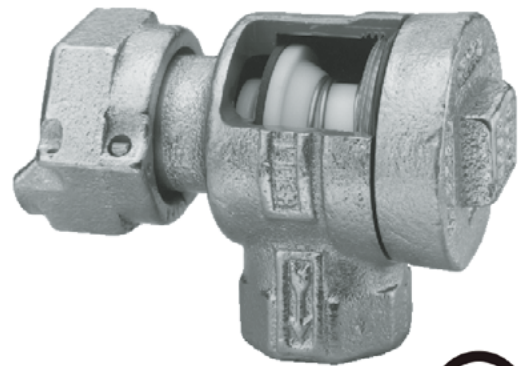
Mueller offers a full range of dual check valves – in angle and in-line styles – for water service lines. These valves are also available as an option on Mueller copper meter yokes, cast iron meter boxes, iron meter yokes, and Mueller Meter Boxes and Vaults. The valves may be retrofitted in these applications, as well as in custom meter installations.

DUAL, INDEPENDENTLY ACTING POPPETS

Mueller ASSE Approved dual check valves feature dual, independently acting poppet valves, which open with only 1.00 psig (6.89 kPa) or less differential pressure. The poppet design and low pressure loss of these valves meet or exceed the requirements of ANSI/ASSE Standard 1024. Normal working pressure is rated at 175 psig (1206 kPa).

FEATURES

- $\frac{3}{4}$ " and 1" valves comply with ASSE Standard 1024 — non-approved valves in these and many more styles and sizes available
- Corrosion-resistant materials, stainless steel springs
- Dual acetal plastic valves with EPDM sealing gaskets
- 175 psig pressure, 180°F ratings
- Easy access to internal parts



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ANGLE VALVE INLET/OUTLET COMBINATIONS:

Inlet may be:

- Meter Swivel Nut ($\frac{5}{8}$ " , $\frac{5}{8}$ " x $\frac{3}{4}$ " , $\frac{3}{4}$ " , 1" Meters)
- Meter Flange (1 $\frac{1}{2}$ " , 2"* Meters)
- Iron Meter Bar Lock Nut ($\frac{5}{8}$ " , $\frac{5}{8}$ " x $\frac{3}{4}$ " , $\frac{3}{4}$ " Meters)

IN-LINE VALVE INLET/OUTLET COMBINATIONS:**

Inlet may be:

- Meter Swivel Nut ($\frac{5}{8}$ " , $\frac{5}{8}$ " x $\frac{3}{4}$ " , $\frac{3}{4}$ " , 1" Meters)
- Meter Flange (1 $\frac{1}{2}$ " , 2"* Meters)
- Iron Meter Bar Lock Nut ($\frac{5}{8}$ " , $\frac{5}{8}$ " x $\frac{3}{4}$ " , $\frac{3}{4}$ " Meters)
- FIP ($\frac{3}{4}$ " , 1" , 1 $\frac{1}{2}$ " , 2")
- MIP ($\frac{3}{4}$ " , 1")

OPTIONS:

- Choice of ASSE-Approved & non-approved sizes & styles.
- Plain Meter Swivel Nut (without Saddle feature)

MATERIALS:

- Body - Bronze, ASTM B584 Alloy C89833
- Check Valves - Injection Molded Acetal Resin
- Spring - Stainless Steel
- Seals/O-Rings - Nitrile

*2" meter flange is double drilled to accept 1 $\frac{1}{2}$ " and 2" meters.

** $\frac{3}{4}$ " inlet/1" outlet combination available – not ASSE approved.

OUTLET MAY BE:

- Mueller 110® Compression Connection (CTS)
- Mueller Pack Joint Compression Connection (CTS)
- Copper Flare
- FIP ($\frac{3}{4}$ " , 1" , 1 $\frac{1}{2}$ " , 2")

OUTLET MAY BE:

- Meter Swivel Nut ($\frac{5}{8}$ " x $\frac{3}{4}$ " – $\frac{3}{4}$ " Meter)
- Mueller 110 Compression Connection (CTS) ($\frac{3}{4}$ " & 1")
- Mueller Pack Joint Compression Connection (CTS) ($\frac{3}{4}$ " & 1")
- FIP ($\frac{3}{4}$ " , 1" , 1 $\frac{1}{2}$ " , 2")
- MIP ($\frac{3}{4}$ ")

PRESSURE/TEMPERATURE:

- 175 psig maximum working pressure
- 180°F maximum working pressure

For more information about Mueller or to view our full line of water products, please visit www.muellerwp.com or call Mueller customer service at 1.800.423.1323.

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