

MUELLER

M98™ TOP ENTRY DUAL CHECK VALVE

Convenient Top-Entry Design

ASSE CERTIFIED/EASY IN-LINE ACCESS

The Mueller® Top Entry Dual Check Valve offers protection from backflow at the water service entrance. This compact unit is designed for installation at the water meter outlet, providing easy access to the poppets with the valve in line.

Dual modular poppets made of acetyl resin with stainless steel springs and elastomeric seals assure reliable operation without chattering, vibration or causing water hammer. The O-ring sealed poppets are press fit into the body and retained by an acetyl resin spacer which is locked in place so it cannot move or restrict flow. The top-entry design allows easy access and removal of the poppets for field or shop testing.

FEATURES

- Complies with ASSE standard 1024
- Corrosion-resistant materials
- Fully independent plastic check modules
- 175 psig pressure, 180°F ratings
- Meets applicable AWWA 800 requirements
- Excellent flow characteristics

INLET/OUTLET COMBINATIONS

Inlet May Be:

- Meter swivel nut ($\frac{5}{8}$ " $\frac{5}{8}$ " x $\frac{3}{4}$ " - $\frac{3}{4}$ ", 1" meter)
- Meter flange ($1\frac{1}{2}$ ", 2"* meter)
- Iron meter bar lock nut ($\frac{5}{8}$ " $\frac{5}{8}$ " x $\frac{3}{4}$ " - $\frac{3}{4}$ ", 1" meter)

Outlet May Be:

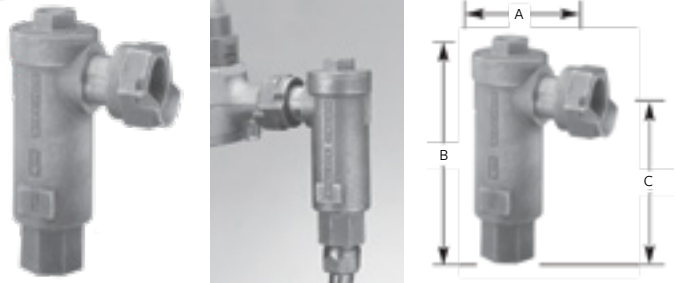
- Mueller 110® Compression Connection (CTS) ($\frac{3}{4}$ ", 1", 2")
- Mueller pack joint connection (CTS) ($\frac{3}{4}$ ", 1")
- FIP ($\frac{3}{4}$ ", 1", $1\frac{1}{2}$ ", 2")
- MIP ($\frac{3}{4}$ ", 1")
- Copper flare ($\frac{3}{4}$ ", 1")

Options:

- Test drain valve (top mounted)
- Plain meter swivel nut (without saddle feature)

MATERIALS

- **Body** - Bronze, ASTM B584 Alloy C89833
- **Check Valve Modules** - Injection molded acetyl resin



- **Springs** - Stainless steel
- **Seals/O-rings** - EPDM

STANDARDS

- Tested and certified to meet or exceed the requirements of ANSI/ASSE standard 1024
- CSA certified to standard B645.6
- Complies with AWWA800

Pressure/Temperature:

- 175 psig maximum working pressure
- 180°F maximum working temperature
- Meets or exceeds requirements of AWWA C503 and is certified to ANSI/NSF 61 & 372
- Individual valve operation
- Limited number of internal parts
- Nozzle threads conform to NFPA 1963, NH/NST (other Thread forms available to order)
- Removable nozzle design
- Available in a variety of bolt hole patterns
- Low-zinc silicon bronze stems

DIMENSIONS

SIZE	A	B	C
$\frac{3}{4}$ "*	$1\frac{15}{16}$ "	$5\frac{1}{16}$ "	$4\frac{3}{32}$ "
1"	$2\frac{21}{64}$ "	$6\frac{1}{32}$ "	$4\frac{17}{32}$ "
$1\frac{1}{2}$ "2"***	$2\frac{3}{16}$ "	$10\frac{1}{32}$ "	$7\frac{1}{2}$ "

*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

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