



Project _____
SERIES 40-400

SPECIFICATIONS

GENERAL SPECIFICATIONS

The backflow preventer shall be a Continuous Pressure type consisting of two (2) independent and internally-loaded check valves and an intermediate atmospheric vent to insure protection from back-siphonage and back-pressure.

The check valves shall at all times be drip-tight in the normal direction of flow and shall permit no leakage in the direction reverse to normal flow under all conditions of a pressure differential.

The relief valve of the intermediate atmospheric vent shall open automatically in the event of back-siphonage condition or when the second check is fouled during back-pressure.

The backflow preventer shall be suitable for **supply pressure up to 175 psig and water temperatures from 33 to 210°F.**

The backflow preventer shall meet the requirements of the following standards: **ASSE 1012 and CSA B64.3.**

CONBRACO SPECIFICATIONS

A Continuous Pressure backflow preventer shall prevent backflow by either back-pressure or back-siphonage from a cross-connection between potable water lines and substances that are objectionable, but not a health-hazard.

The assembly shall consist of two (2) mechanically independent, spring loaded, poppet type check valves separated by an intermediate chamber with a relief valve to automatically vent to atmosphere in the event of a back-pressure or back-siphonage conditions.

The loading of both check valves is accomplished by a stainless steel compression spring to a normally closed position and the relief valve of the atmospheric vent shall be loaded with a stainless steel compression spring to be in a normally open position.

All parts shall be made of corrosion resistant materials and shall be **100% made in the USA.**

The backflow preventer shall be suitable for **supply pressure up to 175 psig and water temperatures from 33 to 210°F.**

The backflow preventer shall be listed or approved under the following standards: **ASSE 1012 and CSA B64.3.**

The manufacturing facility shall be **ISO 9001 REGISTERED.**

The backflow preventer shall be manufactured by **CONBRACO INDUSTRIES, INC.,** Matthews, North Carolina.

Continuous Pressure

Sizes 1/2" – 3/4"



FEATURES

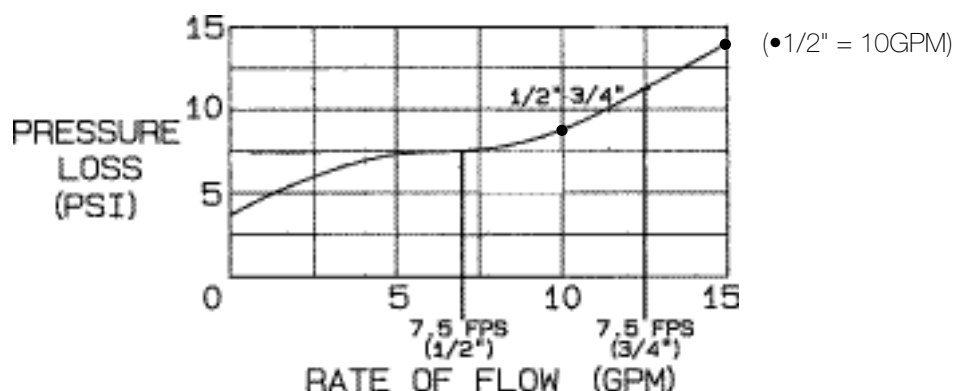
- Corrosion resistant
- Low head loss
- Independently acting check valves
- Ease of repair and installation
- Built-in strainer
- Suitable for hot or cold water service
- Durable
- Maximum Working Pressure 175 psig
- Operating temperature range 33-210°F

APPROVALS

The Series 40-400 is approved under ASSE 1013 and CSA B64.3.

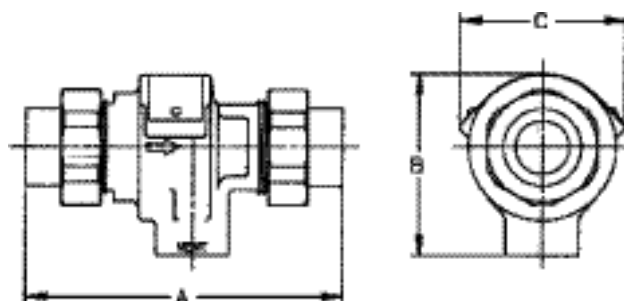


FLOW CURVES



DIMENSIONS (in.) – WEIGHTS (lbs.)

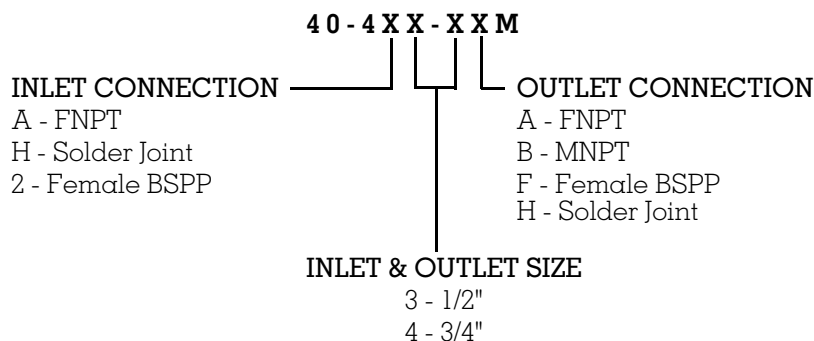
Size	1/2", 3/4"
A	5
B	2-15/16
C	2-5/8
Unit Weight	1.9



MATERIALS

- | | |
|-----------------------------|----------------------|
| 1. Body | - Bronze |
| 2. Springs | - Stainless Steel |
| 3. C.V. Seat Discs | - EPDM |
| 4. Seats | - Glass-filled Noryl |
| 5. Spring and Seat Retainer | - Glass-filled Noryl |
| 6. O-Rings | - Nitrile/EPDM |
| 7. Poppets | - Glass filled Noryl |

ORDERING NUMBER



BACKFLOW PRODUCTS DIVISION