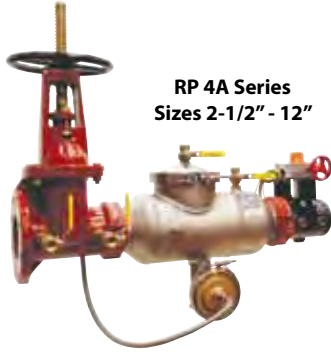


BACKFLOW PREVENTERS

Reduced Pressure Backflow Preventers

RP 4A AND RP 4An SERIES



RP 4A Series
Sizes 2-1/2" - 12"

RP 4An Series
n Flow



RP 4An Series
Vertical Up Flow



Optional Valve Setter



TriForce™ Check

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS

The Apollo® RP 4A and RP 4An Reduced Pressure Principle Backflow Preventers consist of two independently acting, TriForce™ center stem guided check valves with a differential pressure relief valve located between the check valves. These units are designed to give maximum protection against backflow of health or non-health hazard fluids by either back-pressure or back-siphonage. The durable stainless steel units (2-1/2"-8") and the FDA epoxy coated ductile iron units (10" and 12") are easily maintained in the line without any special tools. The TriForce™ check valves operate with a spring assist in the flowing condition to provide excellent flow rates which are documented by ASSE or USC FCCC&HR approval curves. The RP 4An normally vertical up/vertical down oriented body incorporates an internal swivel connection providing the ability to pivot the second check 180° to a vertical up/vertical up flow.

FEATURES

- Stainless steel body: 2-1/2"-8"
- FDA epoxy coated ductile iron body: 10" & 12"
- Easy maintenance - no special tools required
- Low pressure loss as documented by ASSE or USC FCCC&HR
- RP-4A - Approved for horizontal flow*
- RP-4An - Small installation space required - small footprint
- Chloramine-resistant elastomers
- **Lead-Free** option (RP 4A LF)
- ASSE 1013
- (other approvals pending)*
- UL, ULC Classified
- FM approved
- Maximum working pressure 175 psi
- Temperature range 33°F - 140°F, 180°F intermittent
- US Patent Nos. 6,443,184; 7,025,085; 7,533,699
- Made in the USA
- Optional Air Gap Drains
- Optional valve setters eliminate need for thrust blocks between elbows
- 5 year, domestic warranty

* Contact factory for approval details

RP 40 SERIES



RP 40 Series
Sizes 2-1/2", 3", 4", 6", 8", 10"

REDUCED PRESSURE PRINCIPLE

The Apollo Series 40 RP Reduced Pressure Backflow Preventer consists of two independently acting, spring-loaded center stem guided check valves with a differential pressure relief valve located between the check valves. The all bronze relief valve module is easily removed from the ductile iron check valve body. Pressure sensing passages are built into the bronze relief valve module to prevent possible damage from mishandling or vandalism. The unit is available with inlet and outlet shutoff valves. Four test cocks, three on the backflow preventer valve body and one on the inlet shutoff valve, complete the assembly.

FEATURES

- Maximum protection against back-pressure/back-siphonage
- Designed for easy maintenance
- Maximum working pressure 175 psig
- Gate valves epoxy coated (FDA)
- Horizontal installation approvals
- Operating temperature range 33°F -140°F
- UL Classified
- FM approved
- USC FCCCHR
- ASSE 1013
- CSA
- AWWA 511
- Designed, manufactured, assembled and tested in South Carolina, USA
- 5 year, domestic warranty



See Backflow Prevention Catalog (BFCA9000) for more detailed information about the products in this section.

Customer Service (704) 841-6000