

BACKFLOW PREVENTERS DC-4A LBF SERIES

Backflow Preventers DC-4A Series

Double Check Valve Assembly

The Apollo® MODEL DC-4A Double Check Valves are designed to prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are objectionable, but non-health hazards. The TriForce™ center stem guided check valves feature replaceable and reversible silicone seat discs. The body is stainless steel from 2-1/2"-8" and FDA epoxy coated ductile iron in the 10" and 12". Available with a wide variety of shutoff valve options.

OPERATION

During normal flow conditions, the two check valves are held off their seats, supplying water downstream. Each check valve is designed to maintain a minimum of 1 psi across the valve during normal operation. Should the downstream pressure increase to within 1 psi of supply pressure, both check valves will close to prevent a backflow condition.

FEATURES

- Stainless steel body: 2-1/2"-8"
- FDA epoxy coated ductile iron body: 10" & 12"
- Easy maintenance, no special tools required
- Snap-in check retainers: 2-1/2"-6", bolted-in checks: 8"-12"
- Low pressure loss as documented by ASSE or USC FCCC&HR backflow preventer approval agencies



Sizes 2-1/2"-12"

MATERIALS	
Body (2-1/2"-8")	304 Stainless Steel
Body (10 & 12")	FDA Epoxy Coated Ductile Iron
Covers (2-1/2"-6")	Glass Filled PPO/SS
Covers (8")	304 Stainless Steel
Covers(10 & 12")	FDA Epoxy Coated Ductile Iron
Relief Valve	Bronze
Check Valves	Bronze/Glass-filled PPO/SS
Springs	Stainless Steel
Seat Discs	Chloramine-resistant Silicone

See Backflow Catalog for dimensions and flow curves



TriForce™
Check

- Center stem guided TriForce™ check valves
- Lead-Free* option
- Approved for horizontal and vertical up flow*
- Chloramine-resistant elastomers
- ASSE 1015 (2-1/2"-8")
- FM (2-1/2"-8")
- UL, ULC Classified
- Other approvals pending*
- 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
- 5 year, domestic warranty

*Contact factory for approval details

4A - X - 1 X X - 0 X

	Y-Strainer	Size (in.)	Shut-Off Valve
4A - Standard 4ALF - Lead Free ¹	0-Standard 1-w/ Y-strainer (shipped loose)	3 - 1/2 4 - 3/4 5 - 1 6 - 1-1/4 7 - 1-1/2 8 - 2 9 - 2-1/2 0 - 3	1-Less Shut-off Valves 2-NRS Flg x NRS Flg 3-OS&Y Flg x OS&Y Flg 4-OS&Y Flg x Monitored Butterfly Vlv Grv 6-OS&Y Flg x Post indicator Flg** 7-OS&Y Flg x OS&Y Grv 8-OS&Y Grv x OS&Y Grv 9-Mon. Butterfly Vlv Grv x Mon. Butterfly Vlv Grv 10-OS&Y Flg x Post Indicator Grv** 11-NRS Grv x NRS Grv 12-NRS Flg x NRS Grv

Example: 4A-10A-03 = 4" size with OS&Y flanged x flanged shut-off valves (shown above)

Note: Not all variations are available in each size. Check with customer service.

** Post indicator with plate & nut option not available in 2-1/2" size.