

BACKFLOW PREVENTERS DC-4A SERIES

Top Entry Double Check Valve Assembly DC-4A Series

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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 modular check valves have replaceable seats and reversible silicone seat discs. Apollo ball valve shutoffs with stainless steel handles and nuts are standard.

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

- Low pressure loss
- Captured spring cartridge check valves
- Compact yet easy to maintain
- Top access for testing, fast repair and maintenance
- Corrosion resistant
- No special tools required
- 5 year, domestic warranty
- 4ALF-100 Lead-Free[†] option
- UL - Pending
- ASSE 1015
- CSA
- Other approvals pending*
- Chloramine-resistant elastomers
- Patent pending
- Horizontal and vertical flow up approvals
- Maximum working pressure 175 psi
- Temperature range 33°F - 180°F
- CSA B64.4
- Designed, manufactured, assembled and tested in South Carolina, USA

**Contact factory for approval details*



Sizes 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

MATERIALS

Body	Bronze
Caps	Cast Bronze C84400
Check Valves	Glass-Filled PPO
Springs	300 Series Stainless Steel
Seat Discs	Chloramine-resistant Silicone
O-rings	Chloramine-resistant EPDM
Ball Valve Handles	Stainless Steel

See Backflow Catalog for dimensions and flow curves

40A - 1 - T

	Y-Strainer	Size (in.)	Shut-Off Valve	Options
40A - Standard	0-Standard	3-1/2"	1-less ball valves (UL Classified)	F- SAE threaded test cocks (standard 1/2", 3/4", 1")
4ALF - Lead Free [†]	1-w/ Y-strainer (shipped loose)	4-3/4"	2-w/ ball valves (Standard)	LL-locking lever handles (1-1/4", 1-1/2", 2")
		5-1"	4-w/ union ball valves	LR-locking round handles (1/2", 3/4", 1")
		6-1-1/4"		
		7-1-1/2"		
		8-2"		

Example: 4A-104-T4LR = 3/4" double check valve assembly with union ball valves with round locking lever handles