

BACKFLOW PREVENTERS DC-40 SERIES

Top Entry Double Check Valve Assembly DC-40 Series

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Designed to protect against backflow from a cross-connection of non-health hazard pollutant. Within the assembly are two mechanically independent, spring-loaded poppet type check valves set in an integral cast bronze body. Both check valves are designed at an inclined angle upward from horizontal centerline of the assembly, and all test cocks are mounted at the top to assure easy access during repair and maintenance when unit is installed in a pit or tight places.

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.



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

MATERIALS

Body and covers	Bronze
Springs	Stainless Steel
Poppets	Glass-Filled Celcon
Seat discs	Silicone Rubber
Replaceable seats	Glass-Filled PPO
Fasteners	Stainless Steel
Ball valve handles	Stainless Steel

See Backflow Catalog for dimensions and flow curves

FEATURES

- Top access for fast testing, and maintenance
- Corrosion resistant
- Low head loss
- Interchangeable poppets and springs
- Replaceable seats & reversible seat discs
- Approved for horizontal installations
- 5 year, domestic warranty
- Lead-Free* option
- CSA
- USC FCCCHR
- AWWA C-510
- ASSE 1015
- Comes standard with Apollo full port ball valves with stainless steel handles
- Maximum working pressure 175 psi
- Temperature range 33°F - 180°F
- Designed, manufactured, assembled and tested in South Carolina, USA

*Contact factory for approval details

40 [X] - 1 [X] [X] - T [X] [X]

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

Example: 40-104-T4LL =
3/4" double check valve
assembly with union ball
valves with locking lever
handles