



DC-500



Backflow Preventer -Double Check Valve

Description

Designed to provide the best protection and durability against back flow caused by negative or opposite pressure. Back flow may cause infiltration of chemicals, fertilizers and/or other pollutants into drinking water systems.

The DC-500 is reliable and easily maintained, and does not require special tools.

The DC-500 has two independent, easily replaceable, spring check valves in capsules.

The DC-500 is recommended where the degree of pollution doesn't impose the use of an RP-500.

Operation

The Double Check Valve (DC-500) device consists of two independently acting, spring-loaded, check valves. Two resilient seated shut-off valves and four test cocks complete the assembly. Each check valve is designed to maintain a minimum of 1 PSI across the valve during normal operation. If at any time the pressure downstream of the device increases above the supply pressure, both check valves will close to prevent any backflow from occurring.

Main Features

- Working Pressure: 150 psi.
- Sizes: 3/4", 1"
- Temp: Up to 110° f
- Made of composite plastic material, resistant to corrosion, to incrustation, to fertilizers, to herbicides, to insecticides, etc.
- Internal control system ensures reliability and safety.

Advantages and Benefits

- Easy and quick installation.
- Economical.
- Light Weight.
- UV resistant.
- Meets international standards.
- Specially suited for plastic piping.
- Low Head-Loss.
- Variety of installation options.
- Long working life with easy maintenance.

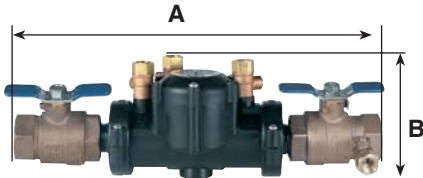
The ARI DC-500 is approved by the following Standards

authorities: CSA, ASSE 1015, AWWA, NSF 61, Water Mark (Australia), AS2845.1., ACS (France), Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California (USC), Listed to Uniform Plumbing Code.

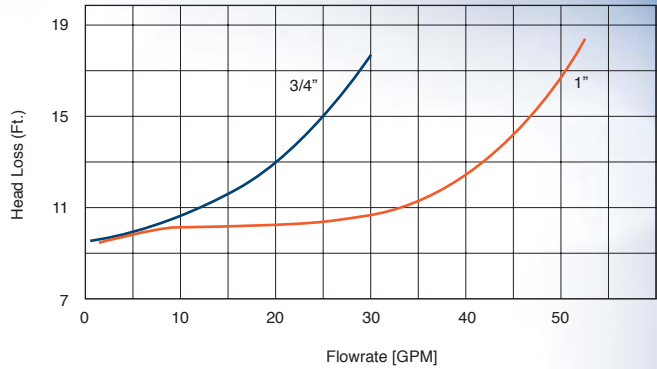


DIMENSIONS AND WEIGHTS

Nominal Size	Dim. In.		Width	Weight Lbs.
	A	B		
1" 3/4"	12.5	3.93	3.5	1.5



HEAD LOSS



PARTS LIST AND SPECIFICATION

- | No. | Part |
|-----|---------------------------------|
| 1. | Cover Kit |
| 2. | Retainer |
| 3. | Inlet Check Valve Kit |
| 4. | Outlet Check Valve Kit |
| 5. | Body Kit |
| 6. | Test Cocks (#1, #2, #3, #4) |
| 7. | Adaptor Kit |
| 8. | Band Kit |
| 9. | Up Stream Shut Off Valve (#1) |
| 10. | Down Stream Shut Off Valve (#2) |

