

Model D-4 Double Check Backflow Preventer 2" to 10"

FEATURES

- Meets AWWA Standard C510-89
- Extremely Low Head Loss
- All Parts are Corrosion Resistant
- Designed for Easy Field Testing

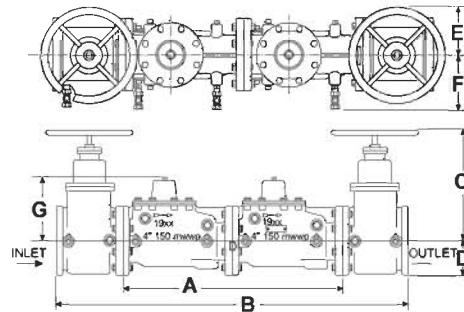
DESCRIPTION

Model D-4 Double Check Valve Assembly is a reliable means of backflow protection for intermediate degrees of hazard. The assembly is carefully constructed of corrosion resisting materials and consists of two independently acting spring-loaded toggle lever check valves, two shut-off valves and four test cocks.

The toggle lever check valves are uniquely designed to provide drip tight closure against reverse flow, low pressure drop at maximum flow capacity. The spring-loaded toggle causes the valve to seal against a higher inlet pressure than outlet pressure when there is no flow.

The internal parts are rugged, simple, and direct, with ample clearances to insure long trouble-free operation, even in very hard water and over prolonged periods of time. They are also readily accessible without removing valves from the line.

DIMENSIONS



Valve Size	2" Screwed	2 1/2"	3"	4"	6"	8"	10"
A	20.06	26.06	26.06	30.06	40.06	50.81	59.56
B	33.16	42.19	42.19	48.19	61.19	73.94	85.69
C	5.25	13.12	15.25	17.50	21.00	24.85	29.38
D	—	3.50	3.75	4.50	5.50	6.75	8.00
E	4.00	4.00	4.50	5.00	6.00	8.00	10.00
F	5.00	6.50	6.50	7.62	9.50	10.25	11.38
G	5.25	7.25	7.25	8.31	11.00	13.00	15.75



CHARACTERISTICS

Max working pressure: 175 psi
Hydrostatic test pressure: 350 psi
Max temperature: Up to 110°F
Fluid: Water

End details:

2" screwed:
 125 lb. ANSI B 16.15
 2-11-1/2 NPT

2" flanged:
 125 lb. ANSI B 16.24

2-1/2" to 10" flanged:
 125 lb. ANSI B 16.1

FLOW CURVES

