

CLA VAL D4

SIZE

2", 2 1/2", 3", 4", 6", 8", 10"

DESCRIPTION

The Model D-4 is a double check assembly. Production began in 1991. The 2" size was discontinued in 2003. The 2 1/2"-4" sizes were discontinued in 2005. The 6"-10" sizes were discontinued in 2012. The assembly utilizes the 3084 toggle lever checks as used in the RP4 series. The workings of the 3084 check mechanism are similar to the 3081 design as used in the RP1 series. Changes in the disc, disc retainer, and disc guide were implemented. Most internal hardware parts are made of bronze.

BASIC REPAIR KIT

The repair kit contains all rubber discs, O-rings, washers, and gaskets

<u>SIZE</u>	<u>KIT NO</u>
2"	D40200 *
2 1/2"	D40250 *
3"	D40250 *
4"	D40400 *
6"	D40600 *
8"	D40800 *
10"	D40001 *

IMPORTANT FEATURES

~2" size has a bronze body

~2 1/2"-10" have a cast iron fused epoxy coated body

~Springs are not contained

~Seats are replaceable

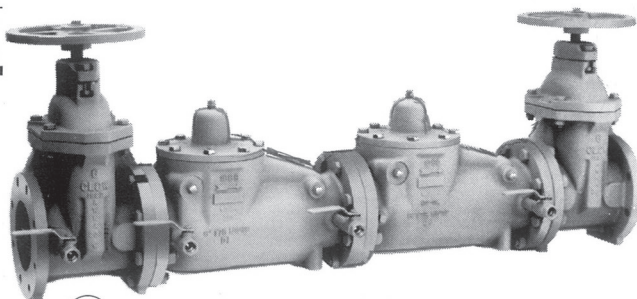




— MODEL — **D-4**

for repair parts breakdown see
Cla Val model RP4 ck assy

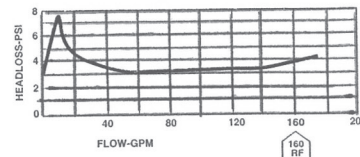
Double Check Backflow Preventer



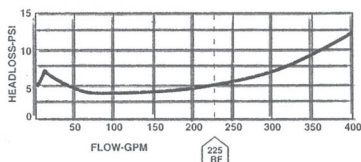
Classified By Underwriters' Laboratories Inc.® as to Friction Loss and Body Strength Only.

Model D-4
Double Check
Backflow Preventer Flow Curves

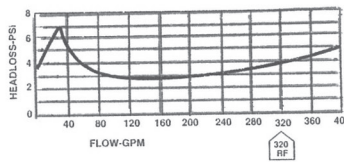
2" Model D-4



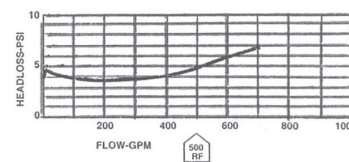
2½" Model D-4



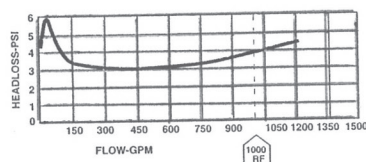
3" Model D-4



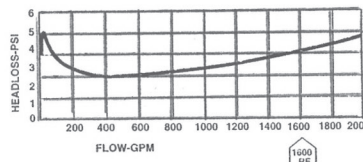
4" Model D-4



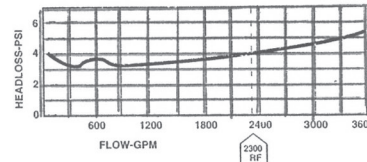
6" Model D-4



8" Model D-4

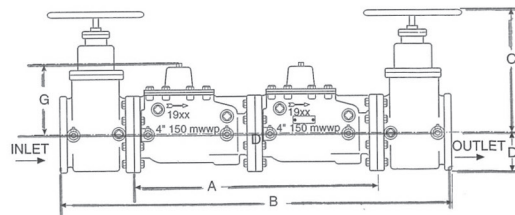
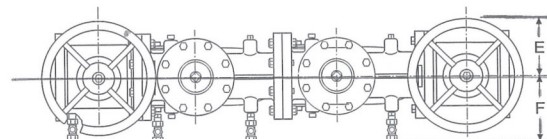


10" Model D-4



Dimensions (In Inches)

Valve Size	2" Screwed	2" Flanged	2½"	3"	4"	6"	8"	10"
A	20.06	20.06	26.06	26.06	30.06	40.06	50.81	59.56
B	33.16	37.16	42.19	42.19	48.19	61.19	73.94	85.69
C	5.25	5.25	13.12	15.25	17.50	21.00	24.85	29.38
D	—	3.00	3.50	3.75	4.50	5.50	6.75	8.00
E	4.00	4.00	4.00	4.50	5.00	6.00	8.00	10.00
F	5.00	5.00	6.50	6.50	7.62	9.50	10.25	11.38
G	5.25	5.25	7.25	7.25	8.31	11.00	13.00	15.75



It is recommended that this unit be installed in a horizontal position and that adequate space is allowed for maintenance work and testing.

Specifications

Valve Sizes:

2", 2½", 3", 4", 6", 8", 10"

End Details:

2" Screwed:

2-11½ NPT

2" Flanged:

150 lb. ANSI B 16.24

2½"-10" Flanged:

125 lb ANSI B 16.1

Maximum Working Pressure:

Maximum: 175 psi

Hydrostatic Test:

Pressure: 350 psi

Max. Temperature:

to 110° F

Fluid:

Water

Materials:

Check Valve Body and Cover

2" Bronze ASTM B-61

2½" and Larger: Main Valve Body and Cover

Cast iron ASTM A-126 interior epoxy coated*

Check Valve Trim:

Bronze ASTM B-61

Shut-off Valves:

Resilient Seat Non-Rising

Stem Type, Epoxy Coated

Interior & Exterior AWWA C560

*Exterior may be epoxy coated at extra cost.

