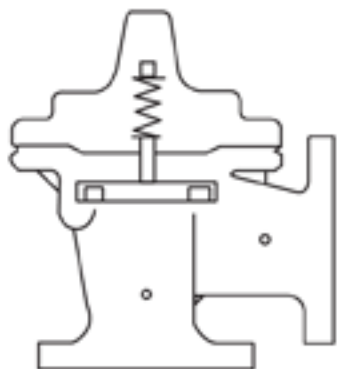
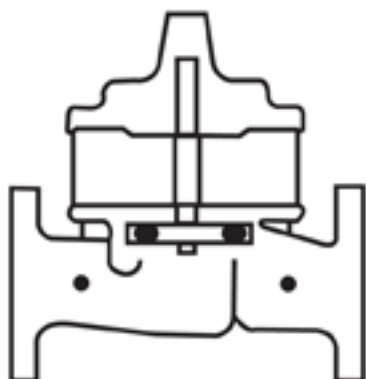


INSTALLATION



OPERATION

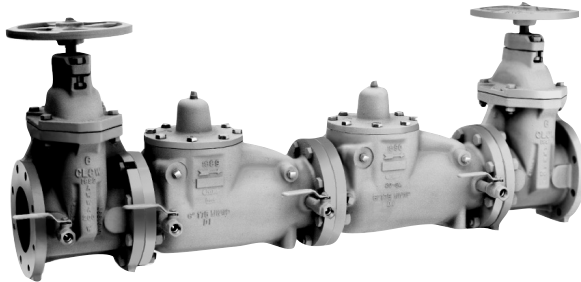


MAINTENANCE



— MODEL — **D-4**
**Double Check
 Backflow Preventer**

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



The 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.

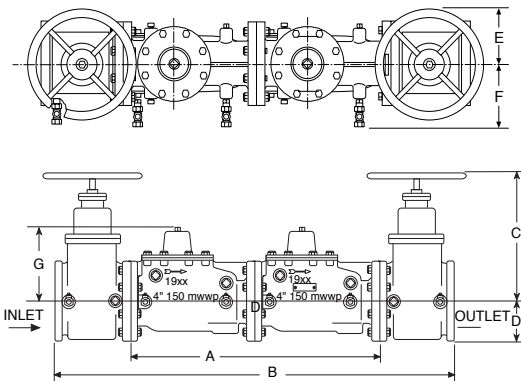
The internal parts are rugged, simple, and direct, with ample clearances to insure long trouble-free operation, even in very hard water and over prolonged periods of time. They are also readily accessible without removing valves from the line.



Classified by Underwriters' Laboratories Inc.® as to friction Loss and Body Strength Only. (6" Through 10")

D-4 Dimensions (In Inches)

Valve Size	6"	8"	10"
A	40.06	50.81	59.56
B	61.19	73.94	85.69
C max.	21.00	24.85	29.38
D	5.50	6.75	8.00
E	6.00	8.00	10.00
F	9.50	10.25	11.38
G	11.00	13.00	15.75



This assembly is required to be installed in a horizontal position. Adequate space must be allowed for maintenance work and testing.

Specifications

Valve Sizes:

6", 8", 10"

End Details:

6"-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:

6" and larger Main Valve Body and Cover:

Cast iron ASTM A-126 interior and exterior epoxy coated AWWA C550

Check Valve Trim:

Bronze ASTM B-61

Shut-off Valves:

Resilient Seat Non-Rising

Stem Type, Epoxy Coated

Interior & Exterior AWWA C560

Approved by the Foundation for Cross-Connection Control and Hydraulic Research University of Southern California. (6" Through 10")

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



**Model D-4
Double Check
Backflow Preventer Flow Curves**



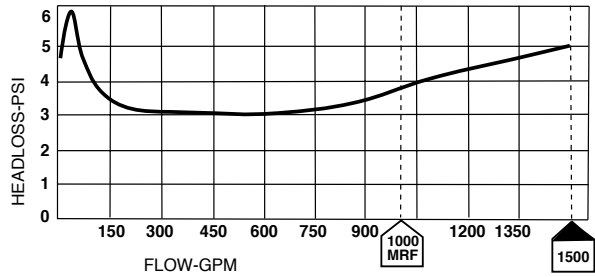
Meter Rated Flow*

150% of Meter Rated Flow

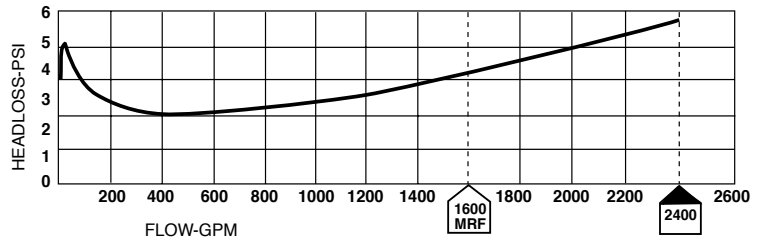


Classified by Underwriters' Laboratories Inc.® as to friction Loss and Body Strength Only. (6" Through 10")

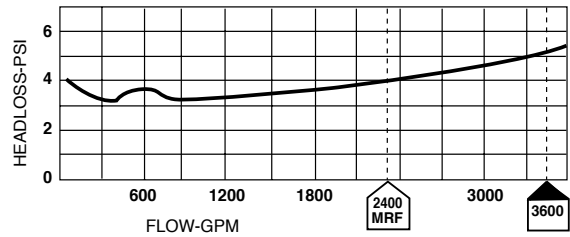
6" Model D-4



8" Model D-4



10" Model D-4



*"Meter Rated Flow" Values adopted by the American Water Works Association and the New England Water Works Association.
Flow curves generated by the Foundation for Cross-Connection Control and Hydraulic Research University of Southern California.
6" thru 10" sizes are UL Classified.



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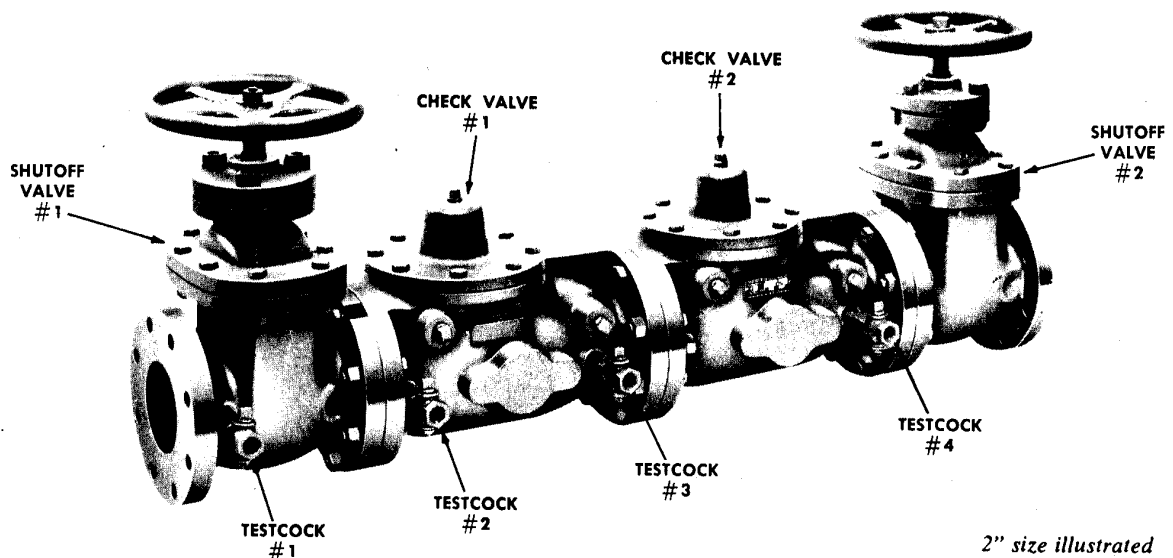
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Lausanne, Switzerland
Phone: 41-21-643-15-55
Fax: 41-21-643-15-50

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www.cla-val.com

Represented By:



2" size illustrated

INTRODUCTION

This manual titled Model D double check valve contains information for installation, operation and maintenance. The Model D double check valve protects water supply lines against contamination or pollution caused by a backflow condition.

The complete assembly consists of two independently acting Cla-Val Co. Toggle Lever Check Valves, two shutoff valves and four test cocks. Testing and field service is easily performed without removing the valves from the line.

INSTALLATION

1. Before the unit is installed pipe lines should be flushed of all chips, scale and foreign matter.
2. Place in the line with flow through the unit in the direction indicated by flow arrows on the valve body.
3. Mount the unit in an upright position in a horizontal run of pipe.
4. Allow sufficient clearance around the unit to conduct test procedures, and to perform inspection or maintenance.

NOTE: Upon installation or following maintenance and prior to putting a Backflow Preventer in service, test the Backflow Preventer in accordance with local test procedures. In the absence of local test procedures use the "Operation and Testing" paragraphs in this manual.

TO PLACE IN SERVICE

1. Open both shut-off valves fully.

NOTE: Shut-off valves should, at all times, be fully open when the unit is in service. Partially open shut-off valves cause unnecessary pressure drop in the line. Also, continuous flow through a partially open shut-off valve can cause damage to the shut-off valve.

2. Vent air by loosening vent screws in the check valve covers.

OPERATION

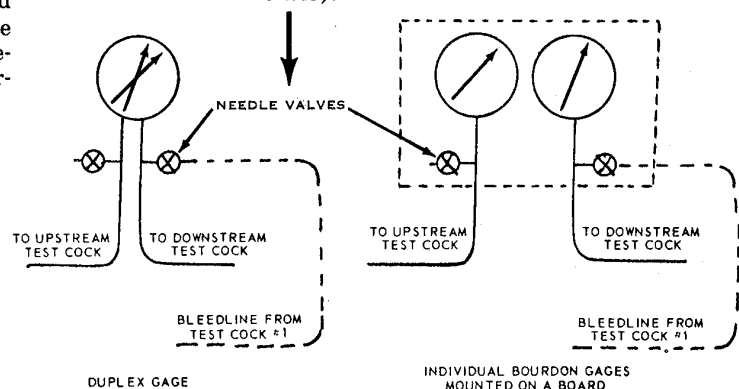
Both check valves are internally spring loaded and require 2 to 3 psi to open for normal flow and positive closure when a pressure reversal occurs.

TESTING

The following test method is suggested to determine the condition of the No. 1 and No. 2 check valves and to give notice of the need for repair. It is recommended that local authorities be consulted for specific procedures.

Field Test Equipment Required:

Quantity:	Description:
2	Test gages calibrated in 1 lb. increments
2	1/4" Control cocks
2	1/4" Pipe tees
4	1/4" Pipe nipples, short
1	6 ft. length 1/4" I.D. rubber hose with 1/4" NPT screw type couplings.
	Bushings as required to install 1/4" NPT fitting into test cock on unit. (Varies with line size).



TEST NO. 1:

Purpose: To test No. 1 check valve for tightness against reverse flow.

Requirement: The valve shall be tight against reverse flow under all pressure differentials.

Steps:

- a. Connect one gage hose to test cock #2 and connect the other gage hose to test cock #3.
- b. Open test cocks and vent hoses.
- c. Close #2 shut-off valve; then close #1 shut-off valve.
- d. By means of the needle valve lower the pressure at test cock #2 about 2 psi below the pressure at test cock #3. If this small difference can be maintained then check valve #1 is reported as "tight" or "OK." If this small difference cannot be maintained proceed to the confirm test—Step e., etc.
- e. Open shut-off valve #1 to repressurize the device.
- f. Attach a bleed hose from test cock #1 to the needle valve of test cock #3 and vent the hose.
- g. Close #1 shut-off valve.
- h. Before tightening the bleed hose use the needle valve on test cock #3 to lower the pressure in the device about 10 psi below normal line conditions; then tighten the bleed hose.
- i. Simultaneously open both needle valves very slowly. If the gage shows that a greater pressure differential is created then the check valve is reported as "tight" or "OK." If a pressure differential is not maintained then the check valve is reported as "leaking" and the amount of leakage is visible as the discharge from the upstream needle valve.
- j. Close all test cocks, remove all equipment and reopen shut-off valves.

TEST NO. 2:

Purpose: To test No. 2 check valve for tightness against reverse flow.

Requirement: The valve shall be tight against reverse flow under all pressure differentials.

Steps:

- a. Connect one gage hose to test cock #3 and connect the other gage hose to test cock #4.
- b. Open test cocks and vent hoses.
- c. Close #2 shut-off valve; then close #1 shut-off valve.
- d. By means of the needle valve lower the pressure at test cock #3 about 2 psi below the pressure at test cock #4. If this small difference can be maintained then check valve #2 is reported as "tight" or "OK." If this small difference cannot be maintained proceed to the confirm test—Step e., etc.
- e. Open shut-off valve #1 to repressurize the device.
- f. Attach a bleed hose from test cock #1 to the needle valve of test valve #4 and vent the hose.
- g. Close #1 shut-off valve.
- h. Before tightening the bleed hose use the needle valve on test cock #4 to lower the pressure in the device about 10 psi below normal line conditions; then tighten the bleed hose.
- i. Simultaneously open both needle valves very slowly. If the gage shows that a greater pressure differential is created then the check valve is reported as "tight" or "OK." If a pressure differential is not maintained then the check valve is reported as "leaking" and the amount of leakage is visible as the discharge from the upstream needle valve.

- j. Close all test cocks, remove all equipment and reopen shut-off valves.

ADJUSTMENT

There are no adjustments to be made on the Model D Back-flow Preventer.

MAINTENANCE

The Model D double check valve requires minimum maintenance. However, in addition to a testing schedule, a periodic inspection should be considered to determine how the fluid handled is affecting the efficiency of the unit. In a water system the water velocity, as well as the substances occurring in natural waters, such as dissolved minerals, colloidal and suspended particles, vary in every installation. Effect of these actions or substances must be determined by inspection.

Refer to testing procedure which outlines methods to determine if there is check valve leakage. Possible reasons for service to a check valve are:

1. Object lodged between seat and disc.
2. Particles lodged in disc.
3. Worn disc.
4. Loose disc and disc guide assembly.
5. Corrosion buildup.
6. Damaged seat.

Refer to sectional view to assist in disassembly and reassembly. The inspection of the check valves can be accomplished without removal of the valve body from the line.

FLOW CHART

PRESSURE LOSS AT RATED FLOW *		
* VALUES adopted by the AMERICAN WATER WORKS ASSOCIATION and the NEW ENGLAND WATER WORKS ASSOCIATION		
VALVE SIZE IN INCHES	FLOW RATE GPM	PRESSURE LOSS PSI
2	160	3.9
2 1/2	225	5.2
3	320	4.1
4	500	4.9
6	1000	4.0
8	1600	3.25
10	2300	4.1

ADDITIONAL DATA WILL BE FURNISHED UPON REQUEST

CHECK VALVES 1 and 2

Disassembly

Note: Check Valves 1 and 2 are identical in construction.

Check Valve Cover Removal

It is suggested that jack screws be used when removing/replacing the covers on 8" & 10" check valves. 8" check valves use two $\frac{3}{8}$ -11 allthread approximately 8" long with one wing nut or lever nut on each length of allthread.

10" check valves use two $\frac{3}{4}$ -10 allthread approximately 8" long.

On all other sizes: remove all except two cover bolts, leaving these two 180° apart. Press down on the cover while removing the last two bolts to prevent the cover from being forcibly ejected by the spring.

Toggle Lever (Clapper) Assy Removal

Removal of the two pipe plugs on each side of the check valve body above the centerline exposes the lever arm pin (item 13) and the hinge pin (item 11). Using a brass rod (smaller in diameter than the pins), gently tap out the rear pin first.

Caution: Support the lever arm (item 10) while completely removing the lever arm pin. Let the lever arm rest gently on the bottom of the check valve.

Grasp the yoke (item 7) with one hand while removing the front pin (Hinge pin item 11).

Lift out the Toggle Lever (Clapper) Assembly, being careful that the brass seat is not dented.

Inspect the disc (item 6) and all internal parts for wear, corrosion, erosion or mineral buildup.

Thoroughly clean all parts and replace any damaged parts.

Inspect the seat (item 3) for nicks and cleanliness. In the event the seat is nicked, very fine wet or dry sandpaper may be used to "polish" out the blemish.

Caution: "Polish" from inside diameter of the seat, NOT ON THE SEATING AREA, as the beveled radius of the seat is critical, and should not be disturbed to insure a proper and continuous match with the disc.

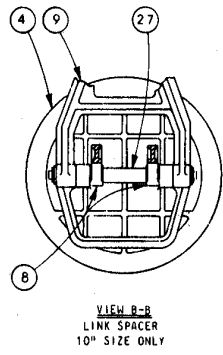
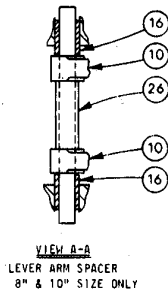
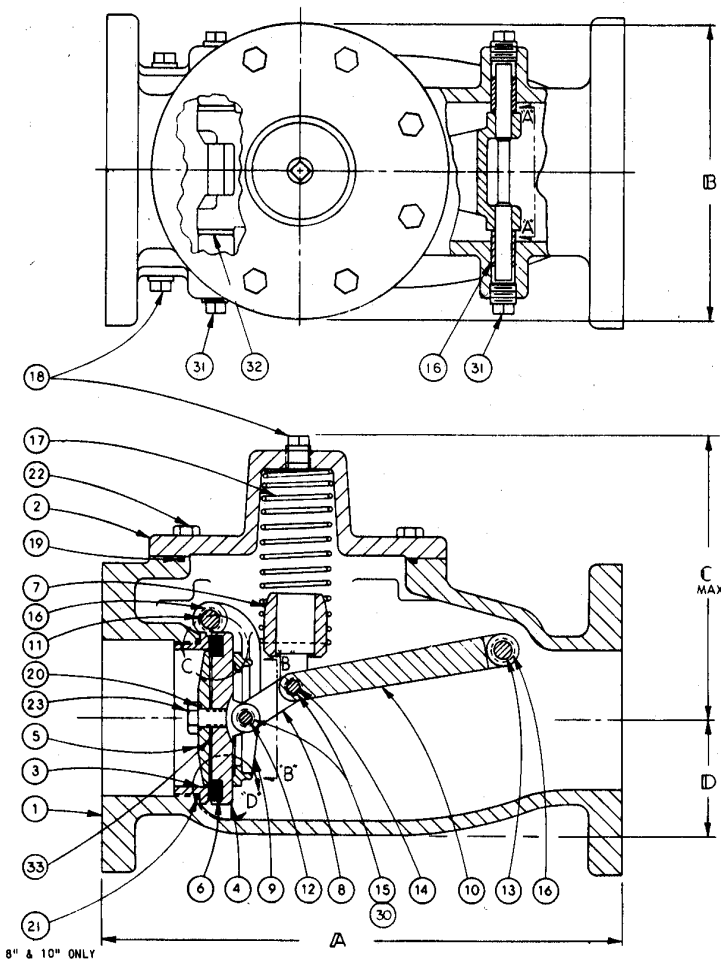
Reassembly

To reassemble, reverse the order of disassembly.

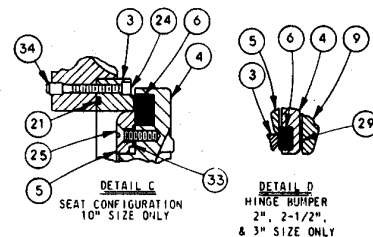
When installing the Toggle Lever (Clapper) Assembly into the valve body, use care so that the valve seat is not nicked or otherwise damaged. Also, when the two pins that hold the Toggle Lever (Clapper) Assy are installed, be sure to note that the knee (yoke, item 7) of the Toggle Lever (Clapper) Assy pivots upward freely into the opening.

Note: If the Toggle Lever (Clapper) Assy is reinstalled with the knee pivoting downward, the valve will fail to function.

Test the unit as outlined under paragraphs "Operating and Testing" before putting into service.



PARTS LIST		
ITEM NO.	DESCRIPTION	REMARKS
1	BODY	
2	COVER	
3	SEAT	
4	DISC RETAINER	
5	DISC GUIDE	
6	DISC	
7	YOKE	
8	LINK	
9	HINGE	
10	LEVER ARM	
11	HINGE PIN	
12	DISC RETAINER PIN	
13	LEVER ARM PIN	
14	LINK PIN	
15	PIN RETAINER RING	
16	BUSHING	
17	SPRING	
18	PLUG	
19	COVER SEAL	
20	DISC GUIDE "O" RING	4" THRU 8" ONLY
21	SEAT "O" RING	
22	CAP SCREWS	
23	DISC GUIDE MOLT	2"-8" ONLY (2" USES SEELSCREW)
24	SEAT SCREW	10" ONLY
25	DISC GUIDE SCREW	10" ONLY
26	LEVER ARM SPACER	8" THRU 10" ONLY
27	LINK SPACER	10" ONLY
29	HINGE BUMPER	2" THRU 3" ONLY
30	WASHER	
31	PIPE PLUG	
32	SPACER WASHER	
33	FIBER SPACER	2" ONLY
34	LEEPLUG	10" ONLY



	2	2-1/2	3	4	6	8	10
A	10	13-1/2	13	15	20	25-3/8	28-3/4
B	5-1/2	6-1/2	6-1/2	8-5/8	9-3/4	12-1/8	15-1/8
C	5-1/4	7-1/4	7-1/4	8-5/16	11	13	15-3/4
D	1-7/8	3-5/16	3-5/16	3-3/8	4-9/16	5-11/16	8
FLANGED CONNECTIONS	150 ASA B16.24 (BRONZE)		125 ASA B16.1 (CAST IRON)				

C**CLA-VAL CO.****PARTS LIST****TOGGLE LEVER CHECK VALVES****MODEL D**

VALVE SIZE →		2"	2½"	3"	4"	6"	8"	10"
ITEM NO.	DESCRIPTION	STOCK NO. & QTY.	STOCK NO. & QTY.	STOCK NO. & QTY.	STOCK NO. & QTY.	STOCK NO. & QTY.	STOCK NO. & QTY.	STOCK NO. & QTY.
1	BODY CHECK VALVE	38890	47823	47320	40762	41511	41356	41497
2	COVER	37446	41574	41574	38206	39252	40367	41337
3	SEAT	35702	47502	41575	38208	39254	40361	41271
4	DISC RETAINER	37448 93757	48542	48522	38209 93764	39256 93770-01	40363 93774-01	41274 96706-01
5	DISC GUIDE	37838 93758-01	47505	41578	38210 93762	39257 93768-01	40362 93772	41272 96705-01
* 6	DISC	38609 93759-01	47504	41579	38677 93761-01	39255 93767-01	41301 93771-01	41495
7	YOKE	37450	41584	41584	38214	39261	40368	41336
8	LINK	37452 (2)	41577 (2)	41577 (2)	38212 (2)	39259 (2)	40330 (2)	41266 (2)
9	HINGE	37447	41572	41572	38211	39258	40360	41275
10	LEVER ARM	37451	41576	41576	38213	39260	40328	41273
11	HINGE PIN	37453	41581	41581	38216	39263	40359	41267
12	DISC. RET. PIN	70181 (2)	70183	70183	70185	70816	70188	70190
13	LEVER ARM PIN	37453	41581	41581	38216	39263	40364	41268
14	LINK PIN	70181	70182	70182	70184	70186	70187	70189
* 15	PIN RET. RING	68185-05 (4)	68185-08 (4)	68185-08 (4)	68185-11 (4)	68185-11 (4)	68185-14 (4)	68185-17 (4)
16	BUSHING	85375 (4)	49509 (4)	49509 (4)	42290 (4)	64903 (4)	45301 (4)	41335 (4)
17	SPRING	C-3148	62360	60031	40942	41512	41368	41320
* 19	COVER SEAL	37485	00837	00837	00850	00854	00863	00923
* 20	"O" RING (BOLT)				00714	00716	00718	
21	"O" RING (SEAT)	1070	785	826	00792	850	1072	00865
22	COVER BOLT	67605-04 (8)	67606-02 (8)	67606-02 (8)	67607-28 (8)	67608-22 (8)	67608-22 (8)	67609-22 (8)
* * 23	DISC GUIDE BOLT	67985	67606-16	67607-24	67616-11	67608-21	67609-21	
24	SEAT SCREW							67954-21 (10)
25	DISC GUIDE SCREW							67972-24 (16)
26	LEVER ARM SPACER					45997		60648
27	LINK SPACER							60647
* 29	HINGE BUMPER	42348 (2)	42348 (4)	42348 (4)		93343-01		
* 30	WASHER	68124-02 (4)	68124-03 (4)	68124-03 (4)	68124-04 (4)	68124-04 (4)	68124-05 (4)	68124-06 (4)
* 32	SPACE WASHER	65551						
* 33	FIBER SPACER	88400	88401	88402	88402	88436	88437	88400
34	LEE PLUG							65155 (10)

* Recommended Spare Parts

* * 2" Size Only

LEAD TIME TO PROCURE:

TEN (10) DAYS UPON RECEIPT OF ORDER.



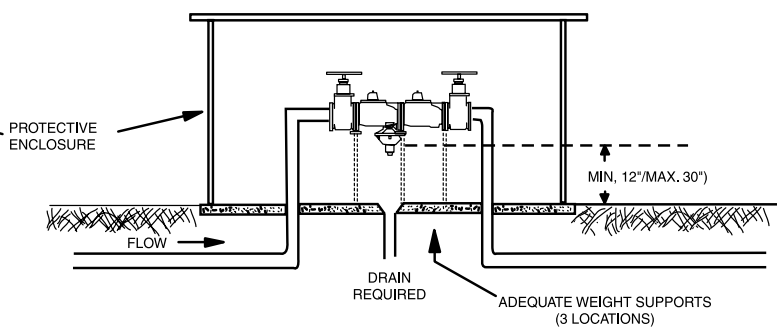
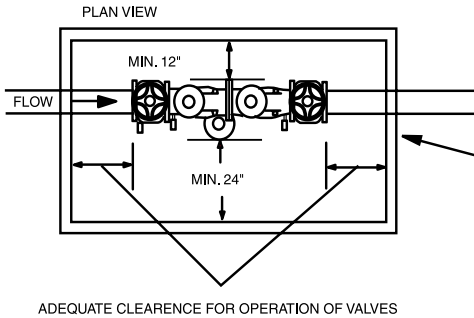
— MODEL — **Backflow Preventer**

Installation Recommendations

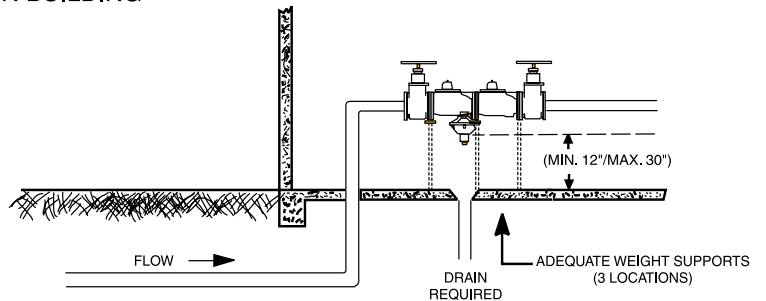
A Cla-Val Backflow Prevention Assembly must be in a horizontal run of pipe with check valve covers **up**. Provide adequate weight support at check valve inlet, middle and outlet flanges for 4-inch and larger assemblies.

- Provide adequate clearance for valve operation, testing and maintenance.
- Use proper drainage provisions (**See Over**).
- Provide adequate protection from freezing.
- Follow local codes.

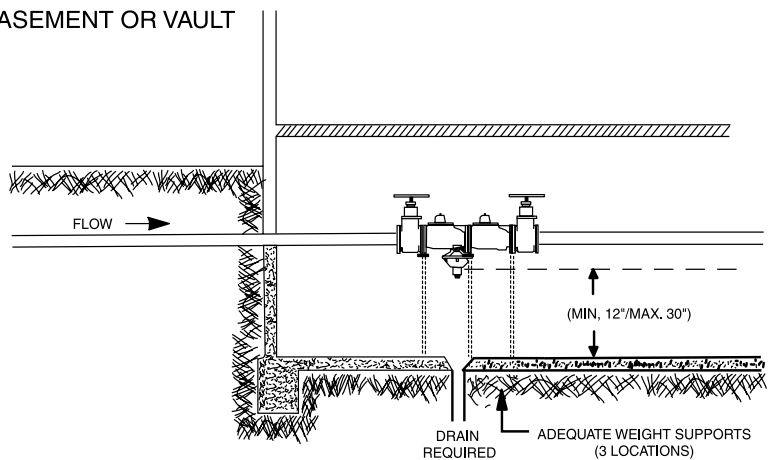
ABOVE GROUND



IN BUILDING



IN BASEMENT OR VAULT

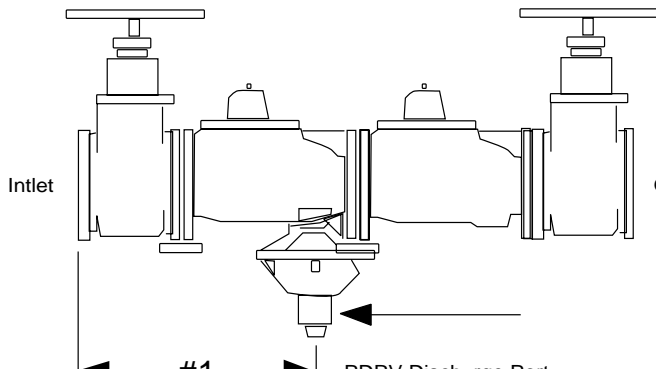


BACKFLOW PREVENTER DRAIN PROVISIONS

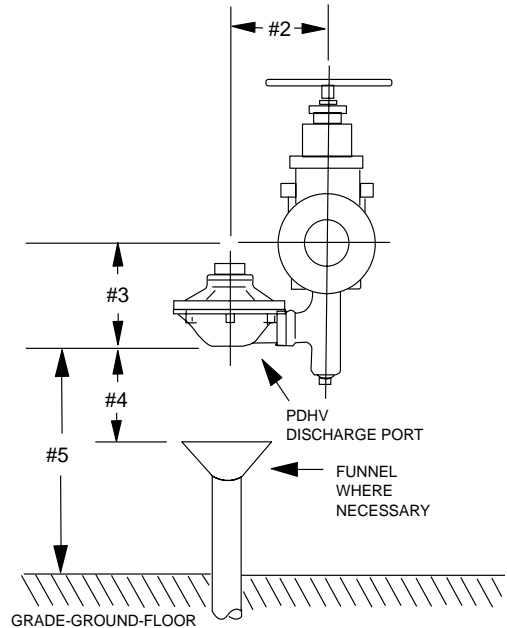
To install a drain for the discharge of the pressure differential relief valve (PDRV) on Cla-Val RP-1EX or RP-4, use the following minimum dimensions (RP1-EX uses the CDHS-20, RP-4 uses the CDHS-24).

- DIMENSION 1** Is the horizontal distance between the inlet flange of the inlet shutoff valve and the vertical centerline of the PDRV.
- DIMENSION 2** Is the horizontal distance between the vertical centerline of the check valve body and the vertical centerline of the PDRV.
- DIMENSION 3** Is the vertical distance between the horizontal centerline of the check valve body and the bottom of the PDRV.
- DIMENSION 4** Is an air gap - "the vertical distance in free atmosphere between the bottom of the PDRV and the overflow rim of the top of the drain" and is equal to at least twice the diameter of the discharge port of the PDRV.
- DIMENSION 5** Is the absolute minimum vertical distance between the bottom of the PDRV and grade-ground-floor and can be no less than 12".

ALL DIMENSIONS ARE IN INCHES						
SIZE	# 1	#2	#3		#4 MIN.	#5 MIN.
			RPI-EX	RP-4		
2" S	14.74	7.70	6.00	7.00	2.50	12.00
2" F	16.49	7.70	6.00	7.00	2.50	12.00
2-1/2"	18.56	7.70	7.00	9.00	2.50	12.00
3"	18.56	7.70	7.00	9.00	2.50	12.00
4"	20.56	9.00	10.00	11.00	4.00	12.00
6"	26.81	9.00	11.00	12.00	4.00	12.00
8"	32.94	9.00	14.00	15.00	4.00	12.00
10"	38.31	9.00	14.00	15.00	4.00	12.00



BACKFLOW PREVENTER ASSEMBLY	RP-2	RP-1EX or RP-4	RP-1EX or RP-4
SIZES	3/4"-1 1/2"	2"-3"	4"-10"
CDHS-20 /CDHS-24 SEAT SIZE	3/4"	1 1/4"	2"
RECOMMENDED MIN. DRAIN SIZE	1 1/2"	2 1/2"	4"



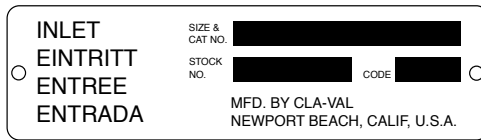
The general "rule of thumb" for drain sizing is that the drain must be capable of carrying away twice the amount of incoming flow (subject to local codes).

Proper Identification

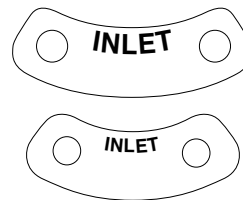
For ordering repair kits, replacement parts, or for inquiries concerning valve operation, it is important to properly identify Cla-Val products already in service by including all nameplate data with your inquiry. Pertinent product data includes valve function, size, material, pressure rating, end details, type of pilot controls used and control adjustment ranges.

Identification Plates

For product identification, cast-in body markings are supplemented by identification plates as illustrated on this page. The plates, depending on type and size of product, are mounted in the most practical position. **It is extremely important that these identification plates are not painted over, removed, or in any other way rendered illegible.**



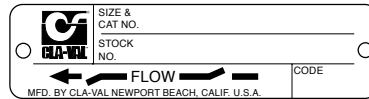
This brass plate appears on valves sized 2 1/2" and larger and is located on the top of the inlet flange.



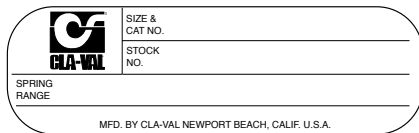
These two brass plates appear on 3/8", 1/2", and 3/4" size valves and are located on the valve cover.



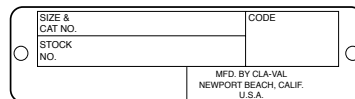
This brass plate appears on altitude valves only and is found on top of the outlet flange.



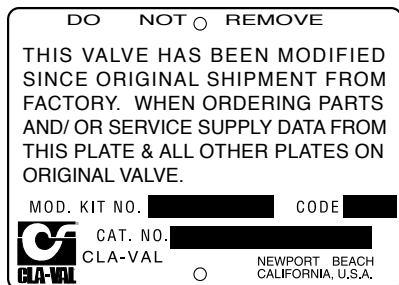
These two brass plates appear on threaded valves 1" through 3" size or flanged valves 1" through 2". It is located on only one side of the valve body.



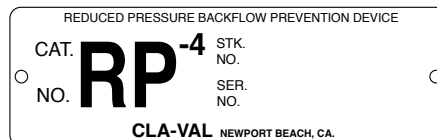
This tag is affixed to the cover of the pilot control valve. The adjustment range appears in the spring range section.



This brass plate is used to identify pilot control valves. The adjustment range is stamped into the plate.



This aluminum plate is included in pilot system modification kits and is to be wired to the new pilot control system after installation.



This brass plate is used on our backflow prevention assemblies. It is located on the side of the Number Two check (2" through 10"). The serial number of the assembly is also stamped on the top of the inlet flange of the Number One check.

HOW TO ORDER

Because of the vast number of possible configurations and combinations available, many valves and controls are not shown in published product and price lists. For ordering information, price and availability on product that are not listed, please contact your local Cla-Val office or our factory office located at:

P. O. Box 1325
Newport Beach, California 92659-0325
(949) 722-4800
FAX (949) 548-5441

SPECIFY WHEN ORDERING

- Model Number
- Globe or Angle Pattern
- Adjustment Range (As Applicable)
- Valve Size
- Threaded or Flanged
- Body and Trim Materials
- Optional Features
- Pressure Class

UNLESS OTHERWISE SPECIFIED

- Globe or angle pattern are the same price
- Ductile iron body and bronze trim are standard
- X46 Flow Clean Strainer or X43 "Y" Strainer are included
- CK2 Isolation Valves are included in price on 4" and larger valve sizes (6" and larger on 600 Series)

LIMITED WARRANTY

Automatic valves and controls as manufactured by Cla-Val are warranted for three years from date of shipment against manufacturing defects in material and workmanship that develop in the service for which they are designed, provided the products are installed and used in accordance with all applicable instructions and limitations issued by Cla-Val.

We will repair or replace defective material, free of charge, that is returned to our factory, transportation charges prepaid, if upon inspection, the material is found to have been defective at time of original shipment. This warranty is expressly conditioned on the purchaser's providing written notification to Cla-Val immediate upon discovery of the defect.

Components used by Cla-Val but manufactured by others, are warranted only to the extent of that manufacturer's guarantee.

This warranty shall not apply if the product has been altered or repaired by others, Cla-Val shall make no allowance or credit for such repairs or alterations unless authorized in writing by Cla-Val.

DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITY

The foregoing warranty is exclusive and in lieu of all other warranties and representations, whether expressed, implied, oral or written, including but not limited to any implied warranties or merchantability or fitness for a particular purpose. All such other warranties and representations are hereby cancelled.

Cla-Val shall not be liable for any incidental or consequential loss, damage or expense arising directly or indirectly from the use of the product. Cla-Val shall not be liable for any damages or charges for labor or expense in making repairs or adjustments to the product. Cla-Val shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data and services. No representative of Cla-Val may change any of the foregoing or assume any additional liability or responsibility in connection with the product. The liability of Cla-Val is limited to material replacements F.O.B. Newport Beach, California.

TERMS OF SALE

ACCEPTANCE OF ORDERS

All orders are subject to acceptance by our main office at Newport Beach, California.

CREDIT TERMS

Credit terms are net thirty (30) days from date of invoice.

PURCHASE ORDER FORMS

Orders submitted on customer's own purchase order forms will be accepted only with the express understanding that no statements, clauses, or conditions contained in said order form will be binding on the Seller if they in any way modify the Seller's own terms and conditions of sales.

PRODUCT CHANGES

The right is reserved to make changes in pattern, design or materials when deemed necessary, without prior notice.

PRICES

All prices are F.O.B. Newport Beach, California unless expressly stated otherwise on our acknowledgement of the order. Prices are subject to change without notice. The prices at which any order is accepted are subject to adjustment to the Seller's price in effect at the time of shipment. Prices do not include sales, excise, municipal, state or any other Government taxes. Minimum order charge \$75.00.

RESPONSIBILITY

We will not be responsible for delays resulting from strikes, accidents, negligence of carriers, or other causes beyond our control. Also, we will not be liable for any unauthorized product alterations or charges accruing there from.

RISK

All goods are shipped at the risk of the purchaser after they have been delivered by us to the carrier. Claims for error, shortages, etc., must be made upon receipt of goods.

EXPORT SHIPMENTS

Export shipments are subject to an additional charge for export packing.

RETURNED GOODS

1. Customers must obtain written approval from Cla-Val prior to returning any material.
2. Cla-Val reserves the right to refuse the return of any products.
3. Products more than six (6) months old cannot be returned for credit.
4. Specially produced, non-standard models cannot be returned for credit.
5. Rubber goods such as diaphragms, discs, o-rings, etc., cannot be returned for credit, unless as part of an unopened vacuum sealed repair kit which is less than six months old.
6. Goods authorized for return are subject to a 35% (\$75 minimum) restocking charge and a service charge for inspection, reconditioning, replacement of rubber parts, retesting, repainting and repackaging as required.
7. Authorized returned goods must be packaged and shipped prepaid to Cla-Val, 1701 Placentia Avenue, Costa Mesa, California 92627.



E-Product I.D. (R-5/05)

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