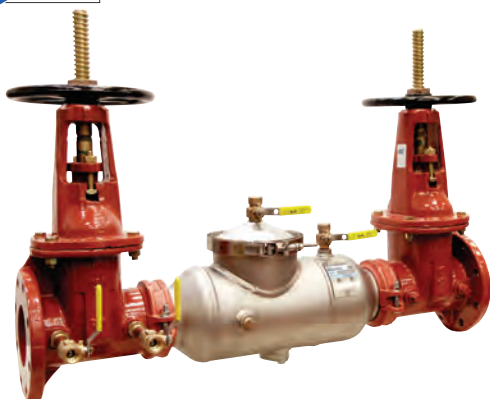


DCLF 4A SERIES

DOUBLE CHECK VALVE BACKFLOW PREVENTER ASSEMBLY



The Apollo® Model DCLF 4A Double Check Valves are designed to prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are objectionable, but non-health hazards. The TriForce™ center stem guided check valves feature replaceable and reversible silicone seat discs. The body is domestic stainless steel from 2-1/2"-8" and FDA epoxy coated ductile iron in the 10" and 12". Available with a wide variety of shutoff valve options.

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.

FEATURES

- Domestic Stainless Steel Body: 2-1/2"-8"
- FDA Epoxy coated Ductile Iron body: 10" & 12"
- Easy Maintenance: No Special Tools Required
- Snap-in Check Retainers: 2-1/2"-6"
- Bolted-in Checks: 8"-12"
- Low Pressure Loss as Documented by an Independent Approval Laboratory
- Center Stem Guided TriForce™ Check Valves
- Approved for Horizontal and Vertical Up Flow
- Chloramine-Resistant Elastomers
- Lead Free Standard
- US Patent Nos.: 6,443,184; 7,025,085; 7,533,699
- **Designed, Fabricated, Assembled and Tested in the USA**
- 5 Year Warranty

APPROVALS

- ASSE 1015
- CSA B64.5
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California (2-1/2" - 8")
- AWWA C-510
- IAPMO
- UL, ULC Classified
- FM Approved
- NSF/ANSI 372 Lead Free

PERFORMANCE RATING

- Maximum Working Pressure: 175 psi
- Temperature Range: 33° to 140°F, 180°F Intermittent

STANDARD MATERIALS LIST

BODY (2-1/2" - 8")	304 Stainless Steel
BODY (10" & 12")	FDA Epoxy Coated Ductile Iron
COVERS (2-1/2" - 6")	Glass Filled PPO/SS
COVERS (8")	304 Stainless Steel
COVERS (10" & 12")	FDA Epoxy Coated Ductile Iron
CHECK VALVES	Bronze/Glass-Filled PPO/SS
SPRINGS	Stainless Steel
SEAT DISCS	Chloramine-Resistant Silicone

PART NUMBER MATRIX

4ALF	1X	X	XX	XX
	Y-STRAINER	SIZE	SHUT-OFF VALVES (INLET X OUTLET)	OPTIONS
4ALF - LEAD FREE STANDARD	0 - STANDARD 1 - W/Y-STRAINER (SHIPPED LOOSE)	9 - 2-1/2" 0 - 3" A - 4" C - 6" E - 8" G - 10" H - 12"	01 - LESS SHUT-OFF VALVES 02 - NRS FLANGE X NRS FLANGE 03 - OS&Y FLANGE X OS&Y FLANGE 04 - OS&Y FLANGE X MONITORED (MON.) BUTTERFLY VALVE GROOVE' 06 - OS&Y FLANGE X POST INDICATOR FLANGE** 07 - OS&Y FLANGE X OS&Y GROOVE 08 - OS&Y GROOVE X OS&Y GROOVE 09 - MON. BUTTERFLY VALVE GROOVE X MON. BUTTERFLY VALVE GROOVE' 10 - OS&Y FLANGE X POST INDICATOR GROOVE** 11 - NRS GROOVE X NRS GROOVE 12 - NRS FLANGE X NRS GROOVE 13 - POST INDICATOR FLANGE X MON. BUTTERFLY VALVE GROOVE' 14 - POST INDICATOR FLANGE X POST INDICATOR FLANGE 16 - MON BUTTERFLY VALVE GROOVE X POST INDICATOR FLANGE' 17 - POST INDICATOR FLANGE X OS&Y GROOVE 18 - OS&Y GROOVE X POST INDICATOR GROOVE 19 - MON. BUTTERFLY VALVE GROOVE X POST INDICATOR GROOVE 20 - POST INDICATOR FLANGE X OS&Y FLANGE 21 - POST INDICATOR GROOVE X OS&Y GROOVE 22 - POST INDICATOR GROOVE X MON. BUTTERFLY VALVE GROOVE 23 - MON. BUTTERFLY VALVE GROOVE X OS&Y FLANGE	D - DOMESTIC ASSEMBLY R1 - RETROFIT* R2 - RETROFIT* R3 - RETROFIT* *CUSTOM LENGTH RETROFIT ORDERS MUST BE ACCOMPANIED WITH SIGNED FROM #OFBFRETRO WITH EXACT LENGTH REQUIRED.
EXAMPLE: 4ALF 10A 03 = 4" size Lead Free Double Check Valve Assembly with OS&Y flanged inlet x OS&Y flanged outlet shut-off valves (shown above)				

BACKFLOW PREVENTION