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| Job Name: | |
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| Engineer: | |
| Contractor: | |
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| Wholesale Dist.: | |

DESCRIPTION

The Apollo® Model DC4A and DCLF4A Series Lead Free* & Non-Lead Free Double Check Valves prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are objectionable to the potable water supply, but non-health hazards. The top accessed modular check valve cartridges provide captured springs, replaceable seats and reversible silicone seat discs. This Made in America assembly features ball valve shutoffs with stainless steel handles and nuts as standard and carries the five-year Apollo® factory warranty.

FEATURES

- Low Pressure Loss
- Captured Spring Cartridge Check Valves
- Compact, Yet Easy to Maintain
- Ball Valve Shut-Offs w/ SS Handles & Nuts Standard
- Top Access for Fast Testing & Maintenance
- Threaded Testcock Protectors
- Corrosion Resistant
- No Special Tools Required
- 5 Year Warranty
- Lead Free Option
- Chloramine-Resistant Elastomers
- **Designed, Cast, Machined, Assembled and Tested in the USA**

PERFORMANCE RATING

- Maximum Working Pressure: 175 psi
- Temperature Range: 33°F - 180°F

APPROVALS

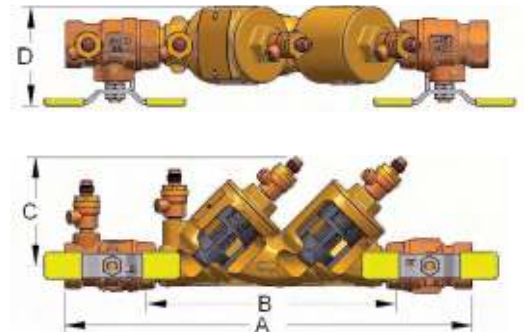
- Horizontal and Vertical Up Approvals
- AWWA C510
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE 1015-2011
- IAPMO
- CSA B.64.5

STANDARD MATERIALS LIST

| | |
|--------------------------------|------------------------------------|
| BODY, CAPS | Bronze C84400 or C89836 Lead Free* |
| BV SHUTOFFS, TEST COCKS | Bronze C84400 or C87800 Lead Free* |
| CHECK VALVE CARTRIDGES | Glass-Filled PPO |
| SPRINGS | 300 Series Stainless Steel |
| SEAT DISCS | Chloramine-resistant Silicone |

DIMENSIONS

| MODEL NUMBER | SIZE (IN.) | DIMENSIONS (IN.) | | | | WT. (LB.) |
|--------------|------------|------------------|--------|-------|-------|-----------|
| | | A | B | C | D | |
| 4A-103-A2F | 1/2" | 10-7/8 | 7-3/8 | 3-1/4 | 2-1/2 | 4.1 |
| 4A-104-A2F | 3/4" | 12-5/8 | 8-1/2 | 3-1/2 | 3 | 5.4 |
| 4A-105-A2F | 1" | 14-5/8 | 9-1/2 | 4 | 3-1/4 | 9.0 |
| 4A-106-A2F | 1-1/4" | 17-1/2 | 11-3/4 | 4-1/2 | 4-3/4 | 9.1 |
| 4A-107-A2F | 1-1/2" | 18 | 11-5/8 | 4-1/2 | 4-3/4 | 12.9 |
| 4A-108-A2F | 2" | 20-1/8 | 12-3/4 | 5 | 5-3/8 | 16.5 |



PART NUMBER MATRIX

| 4A [X] | 1X | X | XX | X |
|------------------|------------------|------------|---|--|
| | Y-STRAINER | SIZE | SHUT-OFF VALVES | OPTIONS (CAN BE COMBINED) |
| 4A - STANDARD | 0 - STANDARD | 3 - 1/2" | A2 - W/BALL VALVES (STANDARD) | F - SAE THREADED TEST COCKS (STANDARD 1/2" - 2") |
| 4ALF - LEAD FREE | 1 - W/Y-STRAINER | 4 - 3/4" | A4 - W/UNION BALL VALVES (3/4" - 2") | LL - SS LOCKING LEVER HANDLES |
| | (SHIPPED LOOSE) | 5 - 1" | | PR - PRESS CONNECTIONS (FACTORY INSTALLED) |
| | | 6 - 1-1/4" | | P - PUSH (3/4" - 1") CONNECTIONS (FACTORY INSTALLED) |
| | | 7 - 1-1/2" | EXAMPLE: 4A 104 A4LL = 3/4" double check valve assembly with union ball valves with locking lever handles | |
| | | 8 - 2" | | |

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

FLOW CURVES

