

"Apollo" Valves

# SUBMITTAL SHEET

## LEAD FREE\*

### - Model DC4A & DCLF4A -

Double Check Valves  
- A Series-



|                               |  |
|-------------------------------|--|
| <b>Job Name:</b>              |  |
| <b>Job Location:</b>          |  |
| <b>Engineer:</b>              |  |
| <b>Contractor:</b>            |  |
| <b>Tag:</b>                   |  |
| <b>PO Number:</b>             |  |
| <b>Representative:</b>        |  |
| <b>Wholesale Distributor:</b> |  |



### SPECIFICATIONS

The Apollo® Model DC4A and DCLF4A Lead Free\* Double Check Valves A Series 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 documented by independent approval agencies
- Easily removable modular check valve cartridge
- Captured stainless steel springs
- Ball valve shutoffs w/ SS handles & nuts standard
- Top-mounted test cocks for easy testing
- No special tools required
- Chloramine-resistant elastomers
- **Made in the USA**
- Vertical up and Horizontal installations

### PERFORMANCE RATING

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

### APPROVALS

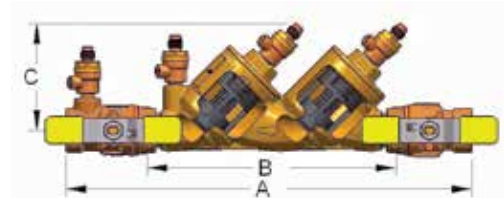
- ASSE 1015
- CSA B.64.5
- IAPMO
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California

### STANDARD MATERIALS LIST

| Part Name               | Material                           |
|-------------------------|------------------------------------|
| 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. (lbs.) |
|--------------|------------|------------------|--------|-------|-------|------------|
|              |            | 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       |



\* **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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
701 Matthews Mint-Hill Road, Matthews, NC 28105 USA  
[www.apollovalves.com](http://www.apollovalves.com) | (704) 841-6000

This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit our website @ [www.apollovalves.com](http://www.apollovalves.com) for the most current information.



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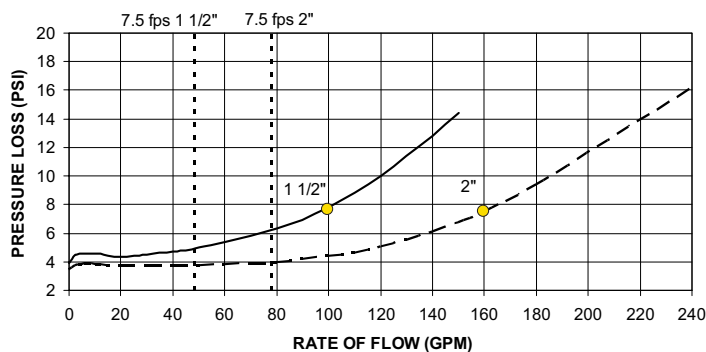
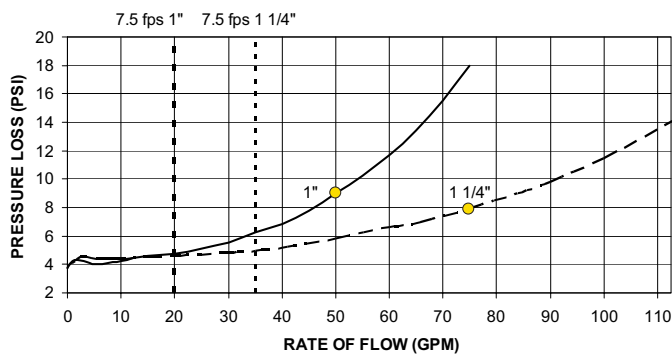
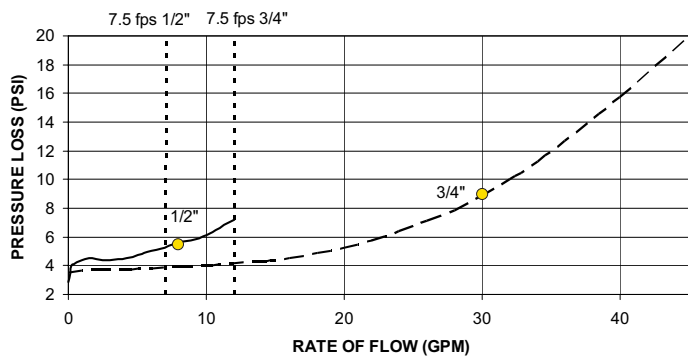
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**FACTORY CODE**

| 4A [XX]                                 | 1 X   | X  | X X   | F  | X  | OPTIONS |
|---|---|--|---|--|--|---------|
| 4A = Non-Lead Free<br>4ALF = Lead Free* | <input type="checkbox"/> 0 = None (Standard)<br><input type="checkbox"/> 1 = w/Y-strainer (shipped loose) | <input type="checkbox"/> 3 = 1/2"<br><input type="checkbox"/> 4 = 3/4"<br><input type="checkbox"/> 5 = 1"<br><input type="checkbox"/> 6 = 1-1/4"<br><input type="checkbox"/> 7 = 1-1/2"<br><input type="checkbox"/> 8 = 2" | <input type="checkbox"/> A2 = w/ball valves (Standard)<br><input type="checkbox"/> A4 = w/union end ball valves | <input type="checkbox"/> Blank = NPT testcocks<br><input type="checkbox"/> F = SAE testcocks | <input type="checkbox"/> Blank = Standard SS Handle<br><input type="checkbox"/> LL = Locking lever handles (1/2" - 2") |         |

**FLOW CURVES**

● Meter Rated Flow



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Curves developed from independent approval agencies actual tests – Consult factory for details.

● indicates rated flow as determined by approval agencies, 7.5 ft/sec is the typical maximum Plumbing system flow rate.

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