

# 'Apollo' Valves

## SUBMITTAL SHEET

### Model RP4A

Reduced Pressure **Backflow Preventers**  
With Press Connections

**APOLLOXPRESS®**



<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>	



### DESCRIPTION

The APOLLOXPRESS® Model RP4A series Reduced Pressure Backflow Preventers with Press end connections provide maximum protection against back-siphonage or backpressure from substances that are hazardous to the potable water supply. The top accessed modular check valve cartridges provide captured springs, replaceable seats and reversible silicone seat discs. This Made in America / 5 year factory warranty assembly features APOLLOXPRESS® ball valves with stainless steel handles and trim as standard and Leak Before Press® technology.

### FEATURES

- Fast, Reliable, Economical Press Installation
- Rigid® XL Press Tool Compatible
- Leak Before Press® Technology
- Low pressure loss
- Easily removable modular check valve cartridge
- Captured stainless steel check springs
- APOLLOXPRESS® ball valves w/ SS handles & nuts standard
- Top-mounted test cocks for easy testing
- Modular Relief Valve
- No special tools required for servicing
- **Made in U.S.A., ARRA Compliant**

### PERFORMANCE RATING

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

### APPROVALS

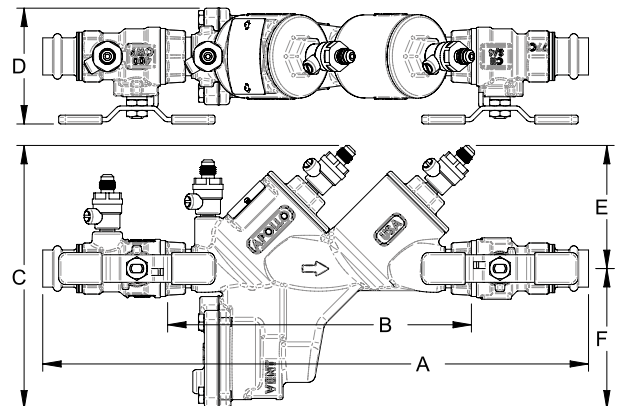
- ASSE 1013 - Horizontal (½"-2")
- CSA B.64.4 - Horizontal (½"-2")
- Backflow assembly is approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Press connections are optional factory installed connectors on each end of the approved assembly. – Horizontal (½"-2")

### STANDARD MATERIALS LIST

Part Name	Material
Body, Caps, Ball Valve Shutoffs, Test cocks	Cast Bronze C84400 or C89836
Check Valve Cartridges	Glass-Filled PPO
Springs	300 Series Stainless Steel
Seat Discs	Chloramine-resistant Silicone
O-rings	Chloramine-resistant EPDM

### DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)						Wt. (lbs.)
		A	B	C	D	E	F	
4A203-T2FPR	½"	13	7 ¾	7 ½	2 7/8	3 ¼	3 7/8	7.4
4A204-T2FPR	¾"	14 7/8	8 ½	7 ¾	3 ½	3 ½	3 7/8	9.0
4A205-T2FPR	1"	16 7/8	9 ½	8	3 ¼	4	4	13.0
4A206-T2PR	1 ¼"	21 ½	11 ¾	9 7/8	5 ½	4 ½	5 ¾	19.1
4A207-T2PR	1 ½"	22	11 5/8	9 7/8	5 ½	4 ½	5 ¾	22.5
4A208-T2PR	2"	24 ¾	12 ¾	11	5 7/8	5	6	34.6



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.



# 'Apollo' Valves

## SUBMITTAL SHEET

### Model RP4A

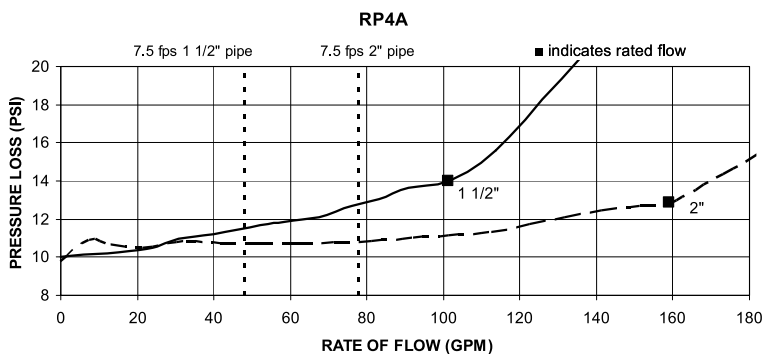
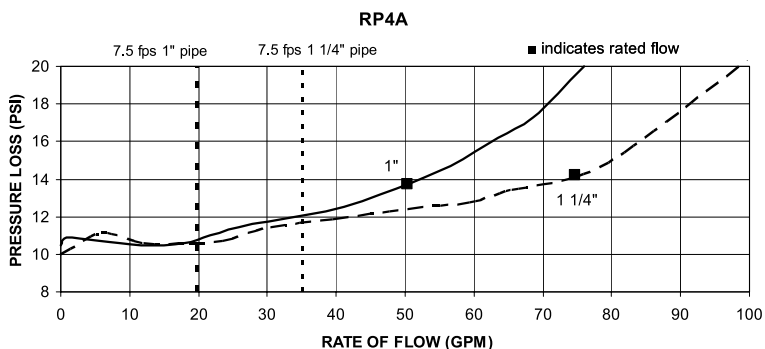
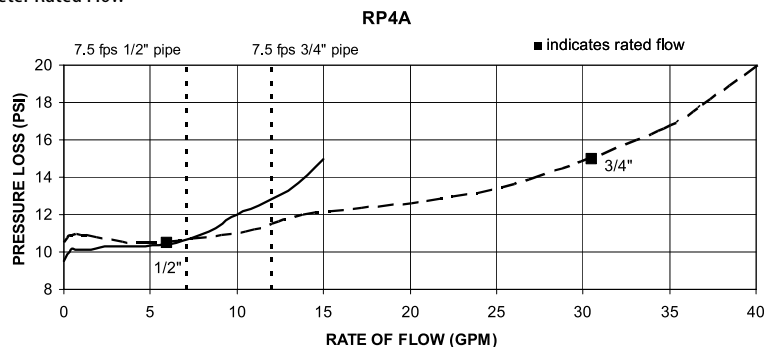
Reduced Pressure **Backflow Preventers**  
With Press Connections

#### FACTORY CODE

4A [XX]	2 0	X	T2F	PR
	<b>Y-STRAINER</b>	<b>SIZE</b>	<b>OPTIONS (CAN BE COMBINED)</b>	<b>CONNECTION</b>
4A = Non-Lead Free 4ALF = Lead Free	<input type="checkbox"/> 0 = None - Standard	<input type="checkbox"/> 3 = 1/2" <input type="checkbox"/> 4 = 3/4" <input type="checkbox"/> 5 = 1" <input type="checkbox"/> 6 = 1-1/4" <input type="checkbox"/> 7 = 1-1/2" <input type="checkbox"/> 8 = 2"	<input type="checkbox"/> Blank = NPT Testcock (1-1/4" - 2") <input type="checkbox"/> F = SAE test cocks (standard) (1/2" - 1")  <b>AIR GAP DEVICES</b> <input type="checkbox"/> AGD4A1 = (1/2" - 1") <input type="checkbox"/> AGD4A112 = (1-1/4" & 1-1/2") <input type="checkbox"/> AGD4A2 = (2")	PR - APOLLOXPRESS®

#### FLOW CURVES

##### ■ Meter Rated Flow



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.

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.

