

'Apollo' Valves

SUBMITTAL SHEET

Model RP4A

Reduced Pressure **Backflow Preventers**



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo® Model RP4A series Reduced Pressure Backflow Preventers provide maximum protection of the potable water supply due to 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 assembly features Apollo® ball valves 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
- Apollo® ball valves w/ SS handles & nuts standard
- Top-mounted test cocks for easy testing
- Modular relief valve
- Chloramine-resistant elastomers
- No special tools required
- **Designed, cast, machined, assembled and tested IN THE USA**

PERFORMANCE RATING

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

APPROVALS

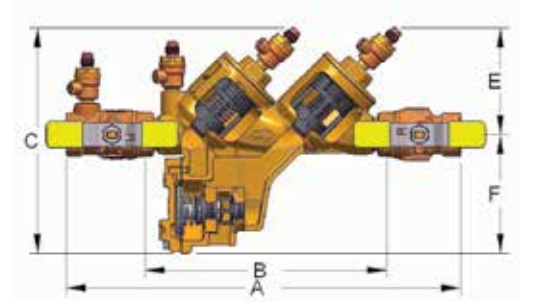
- ASSE 1013 - Horizontal (½"-2"),
- CSA B.64.4 - Horizontal (½"-2")
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California - Horizontal (½"-2")

STANDARD MATERIALS LIST

Part Name	Material
Body, Caps, Ball Valve Shutoffs, Test cocks	Bronze C84400
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	A (T4 option)	B	C	D	E	F	
4A-203-T2F	1/2"	11-1/8	12-9/32	7-3/8	7-1/8	2-7/8	3-1/4	3-7/8	7.2
4A-204-T2F	3/4"	12-3/4	14-9/32	8-1/2	7-3/8	3-1/8	3-1/2	3-7/8	8.8
4A-205-T2F	1"	14-5/8	16-7/32	9-1/2	8	3-1/4	4	4	12.6
4A-206-T2	1-1/4"	18-5/8	20-5/32	11-3/4	9-7/8	5-1/8	4-1/2	5-3/8	18.5
4A-207-T2	1-1/2"	18-3/4	20-31/32	11-5/8	9-7/8	5-1/8	4-1/2	5-3/8	21.5
4A-208-T2	2"	21-1/8	22-13/16	12-3/4	11	5-7/8	5	6	33.4



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

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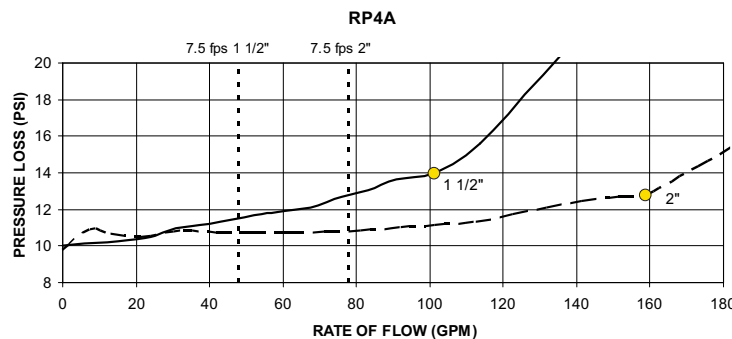
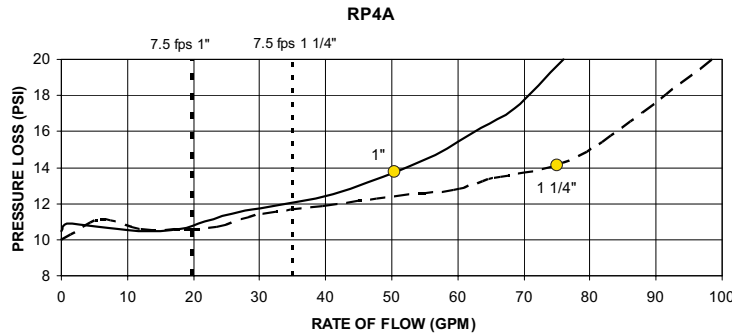
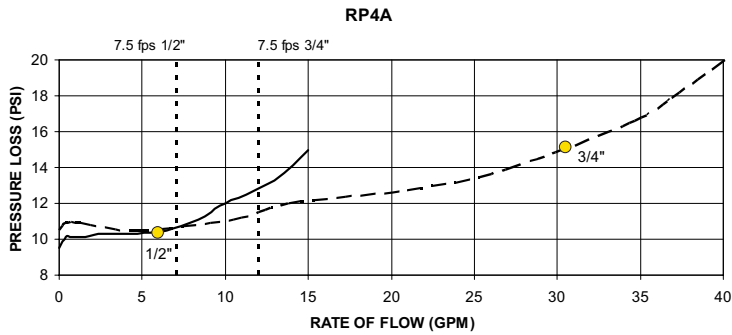
Reduced Pressure Zone Valves

FACTORY CODE

4A [X]	2 X	X	TX	X
	Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
4A = Non-Lead Free 4ALF = Lead Free	<input type="checkbox"/> 0 = Standard <input type="checkbox"/> 1 = With Y-Strainer (Shipped loose)	<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"/> 1 = Less ball valves <input type="checkbox"/> 2 = w/ball valves (Standard) <input type="checkbox"/> 4 = w/union ball valves	<input type="checkbox"/> F = SAE threaded test cocks (standard 1/2, 3/4", 1") <input type="checkbox"/> L = Lever handle (3/4" & 1" only) <input type="checkbox"/> LL = Locking lever handles (1-1/4", 1-1/2", 2")* <input type="checkbox"/> LT = Locking tee handles <input type="checkbox"/> PR = Press Connection <input type="checkbox"/> P = Push Connection
AIR GAP DEVICES				
<input type="checkbox"/> AGD4A1 = (1/2" - 1") <input type="checkbox"/> AGD4A112 = (1-1/4" - 1-1/2") <input type="checkbox"/> AGD4A2 = (2")				

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.

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