

'Apollo' Valves

SUBMITTAL SHEET

PVB4A Series

Pressure Vacuum Breaker



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



DESCRIPTION

The Apollo® Model PVB4A Pressure Vacuum Breakers prevent contamination of the potable water supply due to back-siphonage. An integral freeze protection relief valve serves to reduce the possibility of damage due to intermittent freezing conditions. The modular check valve cartridge provides a captured spring, a replaceable seat and a reversible silicone seat disc. 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
- Built-in freeze resistance feature standard
- Easily removable modular check valve cartridge
- Captured stainless steel springs
- Apollo® ball valves w/ SS handles & nuts standard
- SAE testcocks (Standard 1/2" - 1")
- Corrosion resistant
- No special tools required
- Unique canopy detachment
- **Designed, cast, machined, assembled and tested in the USA**

PERFORMANCE RATING

- Maximum Operating Pressure: 150 psi
- Temperature Range: 33 °F – 140 °F

APPROVALS

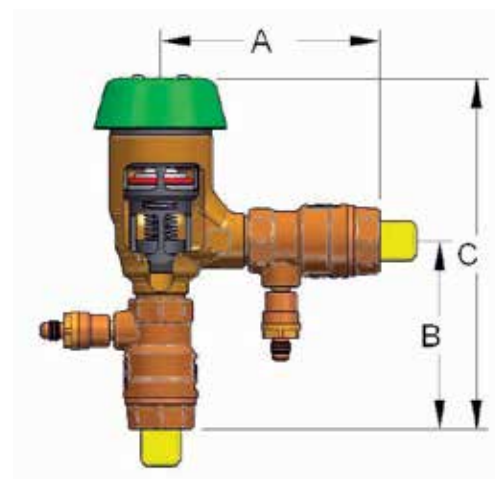
- ASSE 1020 - (1/2" – 2")
- CSA B.64.1.2 - (1/2" – 2")
- USC FCCC&HR (1/2"-2")

STANDARD MATERIALS LIST

Part Name	Material
Body, Ball Valves, Test cocks	Bronze C84400 (LF C89836)
Canopy	UV-Resistant ABS
Bonnet	Glass-Filled PPO
Check Valve Cartridge	Glass-Filled PPO
Springs	Stainless Steel
Seat Discs	Chloramine-resistant Silicone
Float	Glass-Filled Polypropylene
O-rings	Chloramine-resistant EPDM

DIMENSIONS

Factory Number	Size (in.)	Dimensions (in.)			Wt. (lbs.)
		A	B	C	
4A50302F	1/2"	4-1/2	3-3/4	7-1/4	3.2
4A50402F	3/4"	4-3/4	4-1/8	7-5/8	3.8
4A50404F	3/4"	6-1/8	5-1/2	9	4.1
4A50502F	1"	5-3/8	4-5/8	8-3/8	5.2
4A50504F	1"	7	6-1/4	10	5.6
4A50602	1-1/4"	7-3/8	5-3/4	10-1/4	9.1
4A50702	1-1/2"	7-1/2	5-7/8	10-3/8	12.5
4A50802	2"	8-7/8	6-3/4	11-7/8	21.0



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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FACTORY CODE

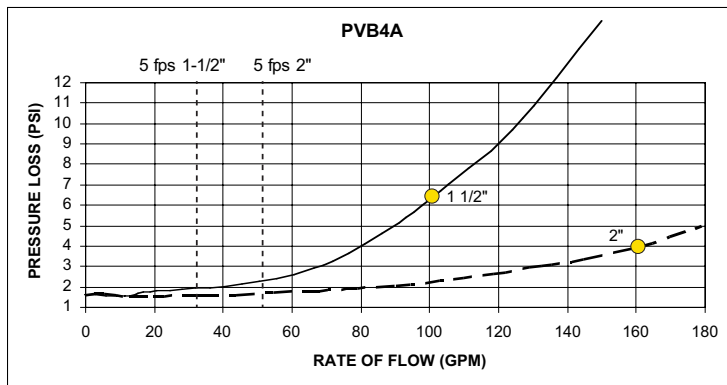
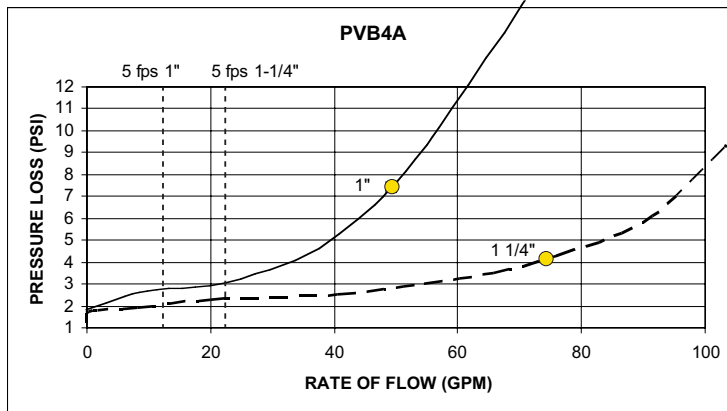
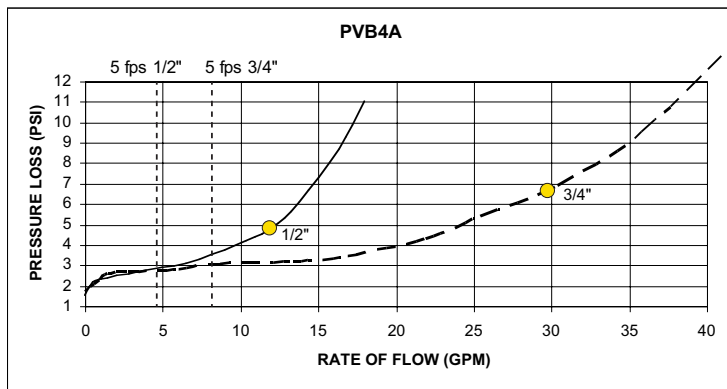
4A [X]	50 X	0 X	X
	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
4A = Standard 4ALF = Lead Free (3/4" - 1")	3 = 1/2" 4 = 3/4" 5 = 1" 6 = 1-1/4" 7 = 1-1/2" 8 = 2"	2 = w/ ball valves (standard) 4 = w/union ball valves (3/4" and 1" only)	F = SAE threaded test cocks (standard 1/2", 3/4", 1") LL = locking lever handles (1-1/4", 1-1/2", 2") LT = Locking tee handles (1/2", 3/4", 1")

FLOW CURVES

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

● Meter Rated Flow

● indicates rated flow as determined by USC FCCC&HR, 5.0 ft/sec is the typical maximum irrigation system flow rate.



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