

# PVB4A & PVBLF4A

pressure vacuum breaker - lead free



USC-FCCCHR



job name:	
job location:	
engineer:	
contractor:	
tag:	
po#:	
rep:	
wholesale dist.:	

## description

The Apollo® Model PVB4A and PVBLF4A pressure vacuum breaker a series prevents contamination of the potable water supply due to back-siphonage. a standard 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 assembly features ball valve shutoffs with stainless steel handles and nuts as standard.

## 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
- ball valve shutoffs w/ ss handles & nuts standard
- test cocks located for easy draining
- corrosion resistant
- no special tools required
- unique canopy detachment
- vertical up / horizontal installation

## performance rating

- maximum operating pressure: 150 psi
- temperature range: 33 °F - 140 °F

## approvals

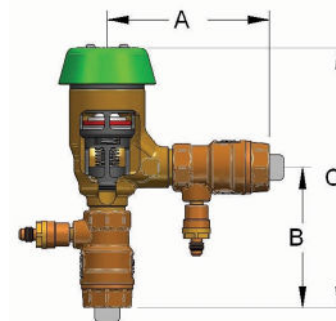
- ASSE 1020-2004e1
- CSA B.64.1.2
- Approved by the Foundation for Cross- Connection Control and Hydraulic Research at the University of Southern California (1/2" - 2" non-lead free only)

## standard materials list

body	Bronze C84400 or C89836 Lead Free*
ball valves, test cocks	Bronze C84400 or C87800 Lead Free*
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. (lb.)
		A	B	C	
4A503A2F	1/2"	4-1/2	3-3/4	7-1/4	2.9
4A504A2F	3/4"	4-3/4	4-1/8	7-5/8	3.0
4A505A2F	1"	5-3/8	4-5/8	8-3/8	4.2
4A506A2F	1-1/4"	7	5-1/4	9-7/8	4.4
4A507A2F	1-1/2"	7-1/4	5-5/8	10-1/8	7.3
4A508A2F	2"	8-1/2	6-3/8	11-1/2	8.9

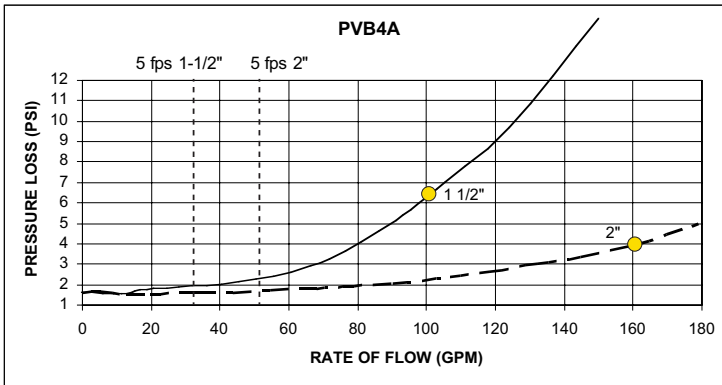
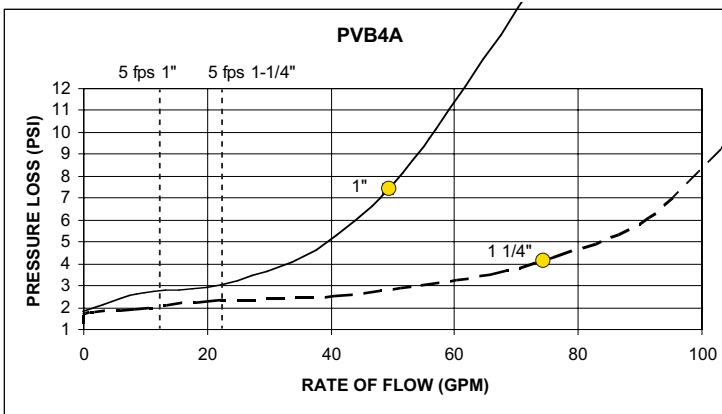
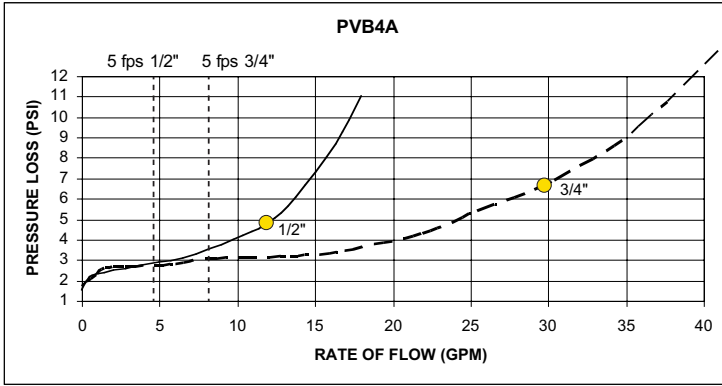


## part number matrix

4A [XX]	50 X	XX	F
	size	shut-off valves	
4A - Non-Lead Free	3 - 1/2"	A2 - w/ball valves (Standard)	Blank - NPT testcocks
4ALF - Lead Free* (3/4" - 1")	4 - 3/4"	A4 - w/union end ball valves	F - SAE testcocks
	5 - 1"		
	6 - 1-1/4"		
	7 - 1-1/2"		
	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



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

curves developed from independent approval agencies actual tests - consult factory for details.