

"Apollo" Valves

Valves

SUBMITTAL SHEET

4C-100A Series

Carbonated Beverage Backflow Preventer

LEAD FREE

New!



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The Apollo 4C-100A Series Carbonated Beverage Backflow Preventer (CBBP-A) is designed to help prevent the contamination of the potable water supply due to backflow when installed on water distribution lines serving beverage dispensing equipment. The device consists of two independently acting check valves biased to a normally closed position. A normally open atmospheric port is located between the check valves. During backflow conditions, the port vents gases and/or liquids. Additionally, the CBBP-A is equipped with a 100 mesh integral strainer screen at the inlet. All wetted areas of the device are non-toxic, corrosion resistant, and approved for use with potable water.

OPERATION

Under static (non-flowing) conditions, the check valves remain in the closed position. When a valve is opened downstream (i.e. a beverage is delivered from the beverage dispensing unit), the check valves open and permit the flow of water. Under backflow conditions, the diaphragm seat on the first check lifts and permits flow through the atmospheric port located between the two check valves. The strainer ensures debris does not enter the backflow preventer.

FEATURES

- Compact Design
- Lowest Head Loss
- Atmospheric Vent Provides Indication of Problems
- Integral Strainer for Equipment Protection
- Lead Free
- 5 Year Warranty
- Available in SAE & NPT Connections
- Repairable Check Assemblies
- Non-Metallic Body for Corrosion Resistance

PERFORMANCE RATING

- Maximum Supply Pressure: 200 psig
- Temperature Range: 33°F — 130°F

APPROVALS

- NSF/ANSI/CAN 61 - Water Quality
- ASSE 1022-2017
- CSA B64.3.1
- IAPMO® Listed

STANDARD MATERIALS LIST

END CAP	Noryl/GFN2
STRAINER	PVC/Stainless Steel
O-RING	EPDM
UPSTREAM CHECK	EPDM/Stainless Steel
DOWNSTREAM CHECK	EPDM/Stainless Steel, Acetal
VALVE BODY	Noryl/GFN2
VENT TUBE	Polypropylene

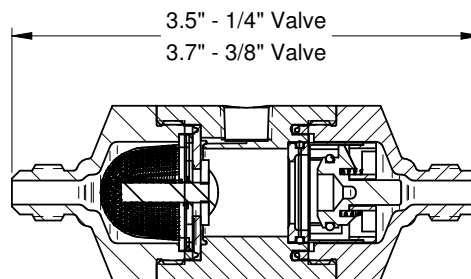
Contact local water authorities for installation/service requirements.

PART NUMBER MATRIX

4C10 X	XX A
SIZE	INLET AND OUTLET CONNECTION
1 - 1/4"	01 - FLARE
2 - 3/8"	02 - MNPT (3/8" ONLY)

DIMENSIONS

SIZE	CONNECTION SIZING	WT./EA
1/4"	7/16"-20 UNF SAE Flare	.19
3/8"	5/8"-18 UNF SAE Flare	.19
3/8"	3/8" NPT Male NPT	.19



Distributed by:



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LEAD FREE

FLOW CURVES

