

4C-100 Series

Carbonated Beverage Backflow Preventer



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

DESCRIPTION

The Apollo® CBBP Series Carbonated Beverage Backflow Preventer (CBBP) is designed to 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 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 insures 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 150 psig
- Temperature Range 33°F – 130°F

APPROVALS

- CSA Certified to ANSI/NSF-61
- ASSE 1022-2003
- IAPMO® Listed

STANDARD MATERIALS LIST

END CAP	Acetal
STRAINER	PVC/Stainless Steel
O-RING	Nitrile
UPSTREAM CHECK	Nitrile/Stainless Steel/Acetal
DOWNSTREAM CHECK	EPDM/Stainless
VALVE BODY	Acetal

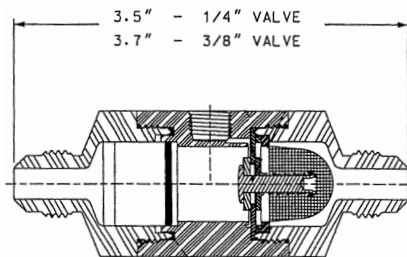
Contact local water authorities for installation/service requirements.

PART NUMBER MATRIX

4C10 X	X
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



FLOW CURVES

