

The Conbraco 4C series carbonated beverage backflow preventer consists of two independently acting check valves biased to normally closed positions. An atmospheric port located between the check valves vents water and/or CO₂ under backflow conditions, thus protecting the potable water supply. Additionally, an integral strainer at the inlet insures debris does not enter the carbonator unit. Conbraco's 4C series CBBP is available with 1/4" or 3/8" 45° flare and connectors.

NOTE: Install carbonator per manufacturer's instructions and local plumbing codes. Copper tubing should never be used.

- NOTE:** During backflow conditions, water and/or CO₂ will discharge from the atmospheric port. Appropriate measures should be taken to accommodate this potential flow.

Under static (non-flowing) conditions, the check valves remain in the closed position. When a valve is opened downstream (i.e. a drink is delivered from the carbonator), the check valves open and permit water flow. Under backflow conditions, the diaphragm seat on the first check lifts and permits flow through the atmospheric port, thus protecting the potable water supply. Under normal operation, the atmospheric port will not discharge.

NOTE: Turn off water supply and carbonator prior to attempting maintenance on the CBBP. Always check for water and CO₂ leaks prior to returning to service. Do not expose the unit to freezing temperatures.

1) Periodically remove and clean the strainer located in the upstream end cap. Frequency of cleaning is dependent on local water and plumbing conditions.

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1) ALL PRINT TO BE ON ONE PAGE (FRONT AND BACK) FOLDED IN MIDDLE SO AS TO MAKE A FOUR PAGE BOOKLET. PAGE NUMBER 1 MUST FACE OUTWARD.

② TYPESET IN HELVETICA FONT (EXCEPTION FOR ITALICIZED PORTION OF NOTE ON PAGE 2 ALLOWABLE). TEXT MUST BE ORIENTED IN SAME DIRECTION FRONT AND BACK AND PRINTED IN BLACK INK.



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