



# CONTINUOUS PRESSURE BACKFLOW PREVENTER 40-400 SERIES

## GENERAL INSTALLATION INSTRUCTIONS

SAVE THESE INSTRUCTIONS  
IMPORTANT



CONBRACO RATE HEADQUARTERS  
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H4560  
REV.F

FOLD LINE

### INSTALLATION INSTRUCTIONS

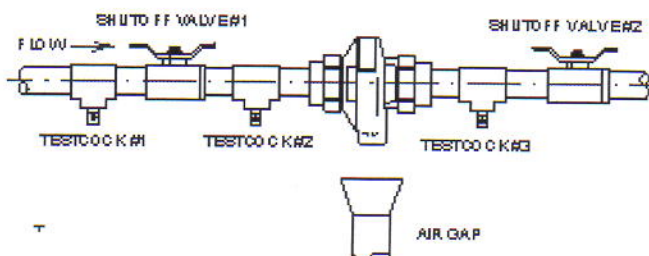
x;Before installing this device, flush lines  
x;to remove sediment. Mount the Conbraco  
x;40-400 series in line with the arrows  
x;corresponding to the direction of flow. The  
x;Conbraco 40-400 series should be installed  
x;where testing and repair can be easily done.  
x;Note: Use a 1/2" Allen wrench to install 1/2"  
x;male NPT tailpiece to mating component.

#### -CAUTION-

x;During normal operation spillage may occur  
x;from the vent port. When installing the device  
x;provisions should be made to collect spillage  
x;from the vent port. This discharge may be  
x;extremely hot water and should be directed to  
x;a suitable area in accordance with local  
x;plumbing codes.

### FIELD TESTING

x;For field testing, the Conbraco 40-400  
x;series must be installed as shown with  
x;shutoff valves and testcocks. A flexible  
x;hose and miscellaneous fittings will also  
x;be needed.



### TEST #1 (Testing the Air Vent)

x;The atmospheric vent must relieve pressure  
x;between both check valves if the supply  
x;pressure drops to atmospheric or below.

#### PROCEDURE

x;Pressurize system. Close shutoff valves  
x;#1 and #2. Open testcock #2. Spillage  
x;should occur out of the vent port indicating  
x;valve opening and vent port is open to  
x;atmosphere.

### TEST #2 (Testing of Second Check Valve)

x;The second check must be drip tight against  
x;back pressure.

#### PROCEDURE

x;Pressurize system. Close shutoff valves  
x;#1 and #2. Open testcock #2. Spillage should  
x;occur as in test #1. Attach a flexible hose  
x;from testcock #1 to testcock #3 and open  
x;testcocks #1 and #3 to admit pressure to  
x;the downstream side of the second check.  
x;Water must not drip continuously from vent.  
x;If water continues to drip from vent port  
x;the second check is leaking and should be  
x;repaired or replaced.

**WARNING:** This product contains lead, a chemical  
known to the state of California to cause birth  
defects or other reproductive harm.