

# Testable reduced pressure zone Backflow preventer



## 574 series

Submittal Data 03501 NA — Issue Date 08/2017

### Application

The backflow preventer can be used in all systems where there is danger of the potable water supply system being contaminated. It prevents an accidental reduction in the pressure in the distribution system from causing backflow from contaminated water in user installations.

The valve is ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372 low lead laws. It meets codes IPC, IRC and UPC for use in accordance with the US and Canadian plumbing codes.

### Typical Specification

Furnish and install on the plans and described herein, a code 574 series, testable, reduced pressure zone backflow preventer as manufactured by Caleffi in sizes 1/2" and 3/4" with NPT female connections. Each backflow preventer shall be designed with DZR low lead brass body and cover, stainless steel springs and EPDM diaphragms and seals. The backflow preventer is provided with bronze inlet and outlet t-handle operated ball valves with 304 stainless steel ball.

Each backflow preventer assembly shall be ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372 low lead laws. It meets codes IPC, IRC and UPC for use in accordance with the US and Canadian plumbing codes. It must be designed for 150 psi (10 bar) maximum working pressure and 150°F (65°C) maximum working temperature. (See product instructions for specific installation information.)

ASSE 1013



### Technical Data

#### Material

Body: DZR low lead brass, EN 1982 CB752S  
 Cover: DZR low lead brass, EN 12165 CW724R  
 Check valves: PSU-POM  
 Springs: stainless steel  
 Diaphragms and seals: EPDM

#### Performance

Suitable fluids: water  
 Max. working pressure: 150 psi (10 bar)  
 Max. working temperature: 150°F (65°C)  
 Pressure test ports: upstream, intermediate, downstream

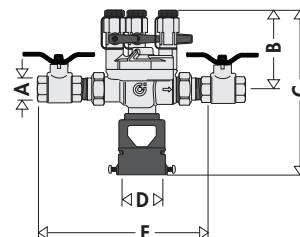
Connections: 1/2" NPT female  
 3/4" NPT female

#### Certifications

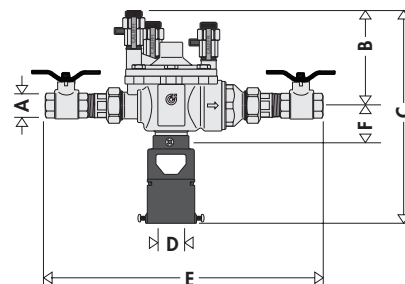
- ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372.
- NSF/ANSI 372-2011, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, certified by ICC-ES, file PMG-1360.

### Dimensions

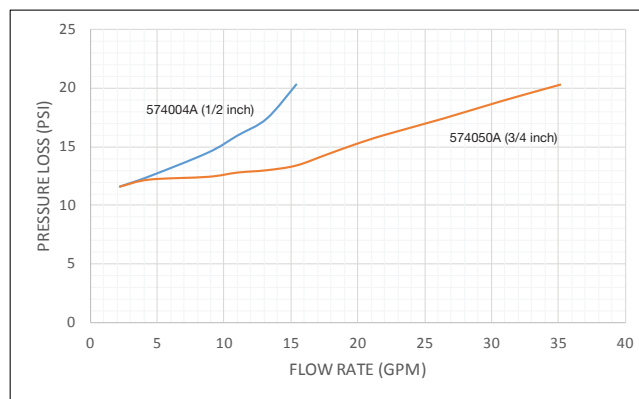
574004A



574050A



Code	A	B	C	D	E	F	Wt (lb)
574004A	1/2" fnpt	3"	6 1/4"	40 mm	9"	---	5.0
574050A	3/4" fnpt	4"	10 1/4"	40-60 mm	13 1/4"	1 3/4"	5.0



We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice. Contractors should request production drawings if prefabricating the system.

Job name \_\_\_\_\_  
 Job location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Mechanical contractor \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

Size \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Service \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Notes \_\_\_\_\_