

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

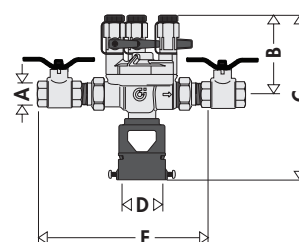
Connections: 1/2" NPT female
3/4" NPT female

Certifications

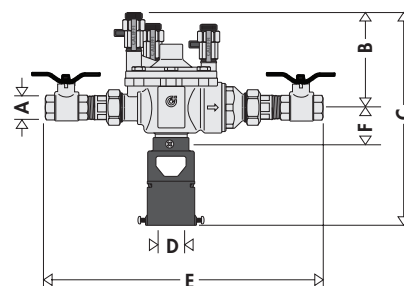
- ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372.
- NSF/ANSI 372-2011, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, certified by ICC-ES, file PMG-1360.

Dimensions

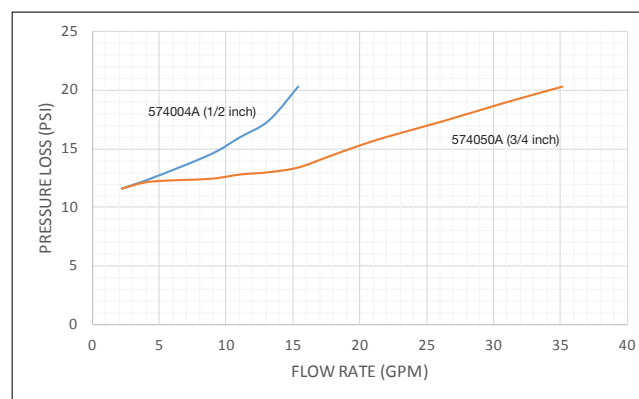
574004A



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 _____