

Testable reduced pressure zone Backflow preventer



574 series, 1/2 inch and 3/4 inch

Submittal Data 03501 NA — Issue Date 03/2021

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, NPC and UPC for use in accordance with the US and Canadian plumbing codes.

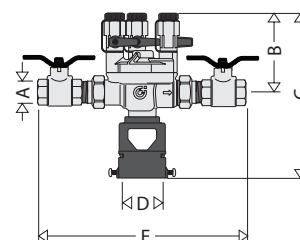
Typical Specification

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 and press 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.

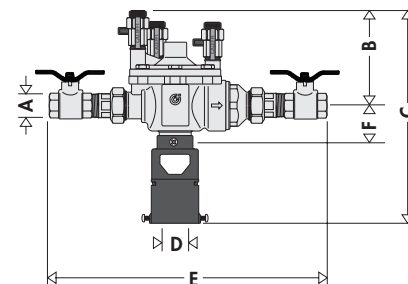
Each backflow preventer assembly shall be ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372 low lead laws. It meets codes IPC, IRC and UPC for use in accordance with the US and Canadian plumbing codes. It must be designed for 150 psi (10 bar) maximum working pressure and 150°F (65°C) maximum working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

Dimensions

size 1/2 inch



size 3/4 inch



Technical Data

Material

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

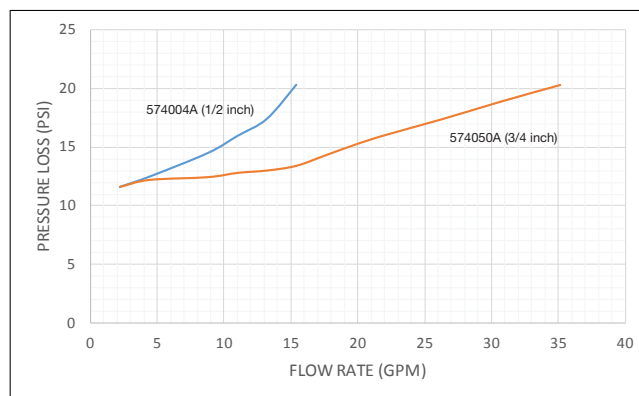
Connections: 1/2" NPT female and press
 3/4" NPT female and press

Certifications

- ASSE 1013/CSA B64.4, certified by ICC-ES, file PMG-1433.
- Complies with NSF/ANSI 372, Drinking Water System Components Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, as certified by ICC-ES, file PMG-1360.

Code	A	B	C	D (mm)	E	Wt (lb)
574004A	1/2" FNPT	3 1/4"	6 1/4"	40 mm	9 3/4"	5.0
574064A	1/2" press*	3 1/4"	6 1/4"	40 mm	12 3/8"	5.1
574050A	3/4" FNPT	4"	10 1/2"	40-60 mm	13 1/4"	9.5
574056A	3/4" press*	4"	10 1/2"	40-60 mm	16 1/2"	9.6

* Lay length: size 10 7/8"; size 3/4 inch: 14 1/2"



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 _____

Testable reduced pressure zone Backflow preventer



574 series, 1 inch and 1 1/4 inch

Submittal Data 03501.01 NA — Issue Date 03/2021

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.

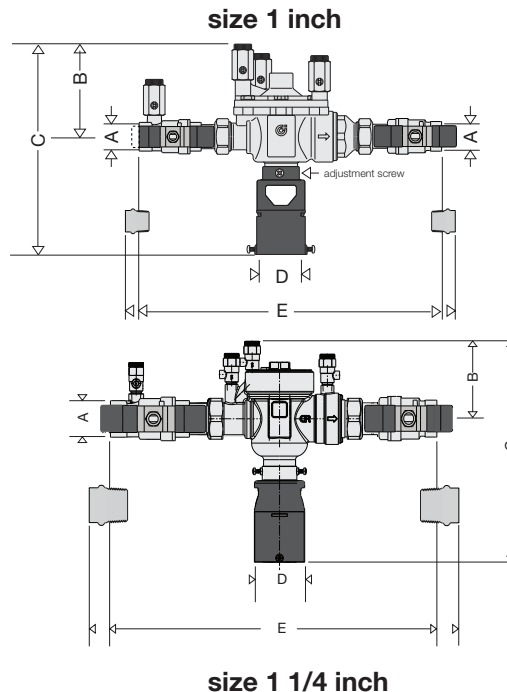
The valve is ICC-ES certified to ASSE 1013, CSA B64.4 and NSF 372 low lead laws. It meets codes IPC, IRC, NPC and UPC for use in accordance with the US and Canadian plumbing codes.

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" and 1 1/4" with NPT female and press 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.)

Dimensions



Technical Data

Material

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

Performance

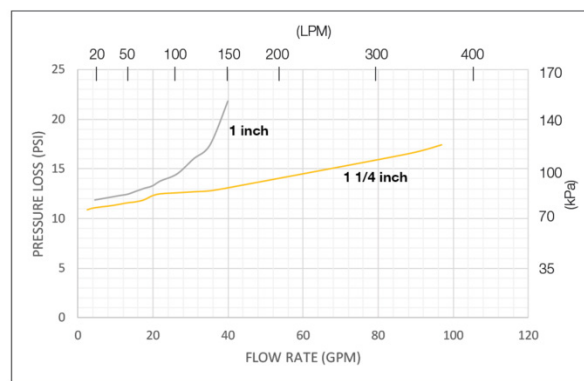
Suitable fluids: water
 Max. working pressure: 150 psi (10 bar)
 Max. working temperature: 150°F (65°C)
 Pressure test ports: upstream, intermediate, downstream

Connections: 1" NPT female and press
 1 1/4" NPT female and press

Certifications

- ASSE 1013/CSA B64.4, certified by ICC-ES, file PMG-1433.
- Complies with NSF/ANSI 372, Drinking Water System Components Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, as certified by ICC-ES, file PMG-1360.

Code	A	B	C	D (mm)	E	Wt (lb)
574006A	1" FNPT	4"	10 1/2"	40-60 mm	14"	9.5
574066A	1" press*	4"	10 1/2"	40-60 mm	17 3/4"	9.6
574700A	1 1/4" FNPT	4"	11 1/2"	40-60	16 1/2"	13
574706A	1 1/4" press*	4"	11 1/2"	40-60	20 1/4"	13



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 _____