



CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 40 00—Facility Water Distribution
Section: 22 09 00—Instrumentation and Control for Plumbing

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Reduced Pressure Principle Backflow Preventers

Listee: CALEFFI North America, Inc.
3883 W. Milwaukee Road
Milwaukee, WI 53208
www.caleffi.us

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)
2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)*
2022 *Uniform Illustrated Plumbing Code - India*™ (UPC-I)*
2020, 2015, 2010 and 2005 *National Plumbing Code of Canada*® (NPC)**

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Compliance with the following standards:

ASSE 1013-2021, Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers
CSA B64.4-2011(R2021), Reduced Pressure Principle (RP) Backflow Preventers
AWWA C511-2017, Reduced Pressure Principle Backflow Prevention Assembly
NSF/ANSI/CAN 61-2022, Drinking Water System Components – Health Effects

Identification:

Each device shall have the following information marked on it and all markings shall be visible after installation:

- a) The manufacturer's recognized name, trademark, or other mark
- b) Type (RP or RPF) and Model number
- c) Maximum rated working pressure
- d) Maximum rated temperature
- e) Serial number or other marking consistent with the manufacturer's standard practice
- f) Nominal valve size
- g) Direction of water flow through device

- h) The product standard "CSA B64.4" (Item unique to Canada)
 - i) Intended orientation in which they are installed, as follows:
 - H for Horizontal
 - VU for Vertical Up
 - VD for Vertical Down
 - H/VU/VD for devices that can be installed in all positions.
 - j) The ICC-ES PMG listing mark
- Markings shall be either cast, etched, stamped or engraved on the body of the assembly or on a brass or stainless steel plate securely attached to the assembly with a corrosion resistance means..

Installation:

Products recognized in this listing shall be installed in accordance with the manufacturer's instructions and the applicable codes.

Models:

The Reduced Pressure Principle Backflow Preventers comply with NSF/ANSI/CAN 61 for cold water 73 °F (23°C) applications.

| Model No. | Description |
|-----------|--|
| 574004A | 1/2" RPZ backflow preventer, NPT female inlet/outlet |
| 574050A | 3/4" RPZ backflow preventer, NPT female inlet/outlet |
| 574006A | 1" RPZ backflow preventer, NPT female inlet/outlet |
| 574700A | 1-1/4" RPZ backflow preventer, NPT female inlet/outlet |
| 574801A | 1-1/2" RPZ backflow preventer, NPT female inlet/outlet |
| 574900A | 2" RPZ backflow preventer, NPT female inlet/outlet |

Conditions of listing:

1. The CALEFFI's products recognized in this listing must be installed in accordance with the manufacturer's published installation instructions and the applicable codes.
2. The CALEFFI's products recognized in this listing are manufactured under a quality control program with annual surveillance inspections by ICC-ES.