

Application

Designed for installation on potable water lines to protect against both backsiphonage and back-pressure of contaminated water into the potable water supply. Reduced Pressure Zone Device Assembly shall provide protection where a potential health hazard exists. (High Hazard)

Standards Compliance

Australian WaterMark and Standards Mark
(This product contains a weighted average lead content less than 0.25% for surfaces in contact with water per the requirements of Clause A5G4 of NCC 2022 Vol 3)
(Plumbing Code of Australia)



STANDARDS MARK
AS/NZS 2845.1
LIC. SMK1379



LEAD FREE

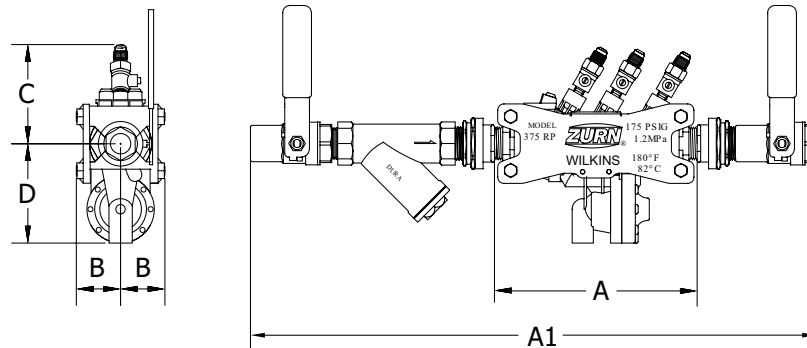


Operating Parameters

| | |
|-----------------------------------|---------|
| Maximum working water pressure | 1200kPa |
| Maximum working water temperature | 82°C |
| Hydrostatic test pressure | 2400kPa |

Materials

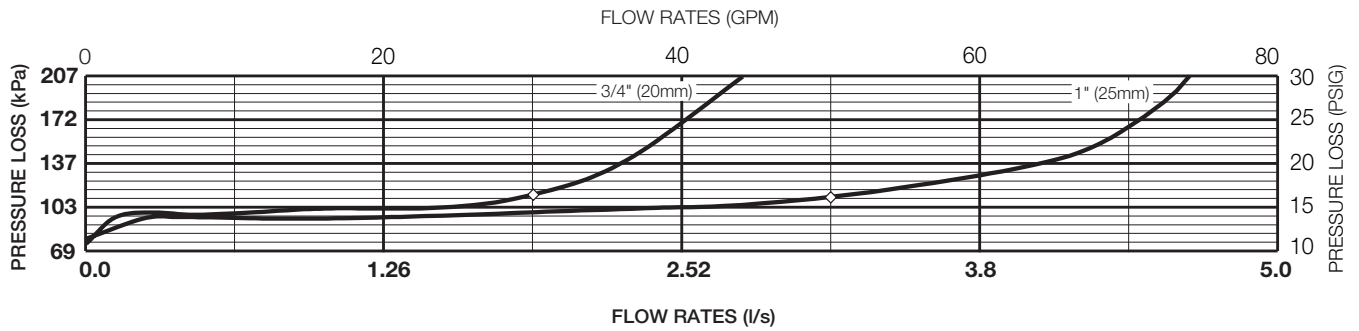
| | |
|------------------|-------------------------------|
| Housing | Reinforced Nylon |
| Fasteners | Stainless Steel, 300 Series |
| Elastomers | Silicone, Buna Nitrile |
| Internals | Delrin®, Nylon |
| Springs | Stainless Steel, 300 series |
| Tailpieces | Cast Bronze, Lead Free |
| Struts | Stainless Steel, 300 series |
| End connections | ISO 7.1 R Tapered Pipe Thread |
| Test connections | 1/4" SAE 45° Flare |



Dimensions & Weights (do not include pkg.)

| VALVE SIZE mm | REECE CODE (valve only) | ZURN CODE (valve only) | DURA INSTALL KIT | DIMENSIONS (approximate) | | | | | WEIGHT (valve only) kg |
|------------------|----------------------------|---------------------------|------------------------|--------------------------|----------|---------|---------|---------|------------------------------|
| | | | | A mm | A1 mm | B mm | C mm | D mm | |
| 15 | 180476 | 12-375LFTBT | 1011843 | 181 | 445 | 41 | 85 | 98 | 2.1 |
| 20 | 4000105 | 34-375LFTBT | 1011844 | 181 | 485 | 41 | 85 | 98 | 2.1 |
| 25 | 4000124 | 1-375LFTBT | 1011845 | 225 | 590 | 57 | 97 | 102 | 3.7 |

MODEL 375 20 & 25mm (STANDARD & METRIC)

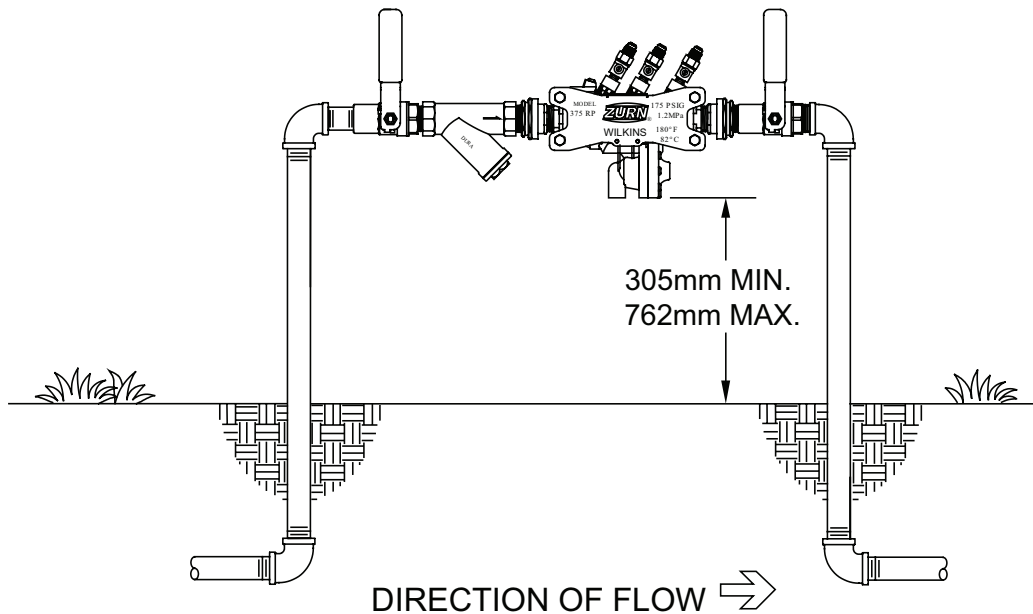
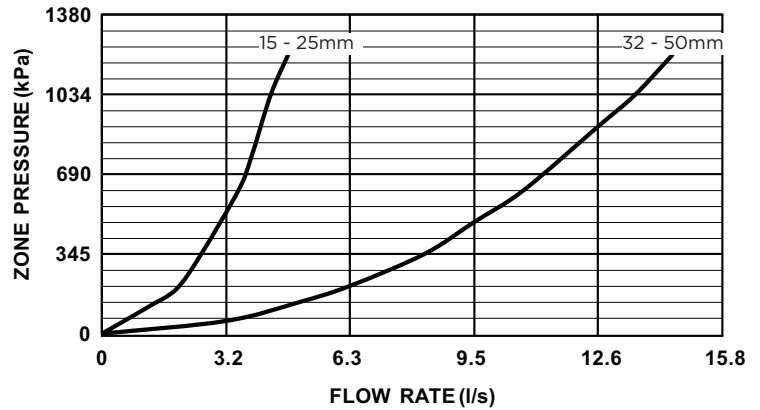


Typical Installation

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers’ instructions and the latest edition of the Plumbing Code of Australia and/or AS/NZS 3500. Unless otherwise specified, the assembly shall be mounted at a minimum of 12” (305mm) and a maximum of 30” (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.

Relief Valve Discharge Rates

(Worst case condition- If 1st check or relief valve is lodged wide open)



TYPICAL INSTALLATION

Specifications

The Reduced Pressure Principle Backflow Preventer shall be Australian WaterMark Certified (AS/NZS 2845.1), rated to 82°C and supplied male pipe thread tailpieces. The main body shall be Nylon and the seat disc elastomers shall be silicone. The Reduced Pressure Principle Backflow Preventer shall be a ZURN WILKINS Model 375.