

Pressure Limiting Valve with Dual Check

Scope of Use / Specification Sheet

RMC's Pressure Limiting Valve with Dual Check provides both backflow prevention and pressure limiting functions through independently acting mechanisms within a single device. The valves are designed to be installed in the water supply pipework, immediately upstream of domestic water filter units.



Product List

Model	Set Pressure	Order Code
PVDC50X	350kPa	PVX1503
PVDC50X	500kPa	PVX1504

Materials

Body	Lead Free DZR Brass
Spring	Stainless Steel
O-rings	EPDM/Nitrile
Seals	HDPE
Check Valve	Neoperl
Internal Components	Lead Free DZR Brass/Acetal
Strainer	Stainless Steel

Features and Benefits

- Integrated design, reduces the need for additional flow and pressure limiting devices
- Suitable for horizontal and vertical installation
- Individually tested
- Quality by design
- Lead Free Dezincification resistant brass and high quality polymers used
- Integrated line strainer

Application

RMC's Pressure Limiting Valves are a female / female configuration and designed for residential containment control and other low hazard applications (refer to AS/NZS 3500-1).

Pressure Limiting Valve with Backflow Prevention

Accessories

Maximum Temperature	40 °C
Maximum Inlet Pressure	1200kPa
Outlet Pressure	PVX1503 350kPa at 1200kPa Inlet Pressure
	PVX1504 500kPa at 1200kPa Inlet Pressure
Flow Rate	6 L/min at 700kPa Inlet Pressure
Inlet (Tap) Connection	15mm G½ Female
Outlet (Hose) Connection	8mm ¼-18NPT Female

Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit www.rmc.com.au/warranty to view the warranty statement in full and for further important information.

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. This product is compliant to the Lead Free requirements of the National Construction Code Volume Three. For further Scope of Use, please visit www.rmc.com.au/resources.

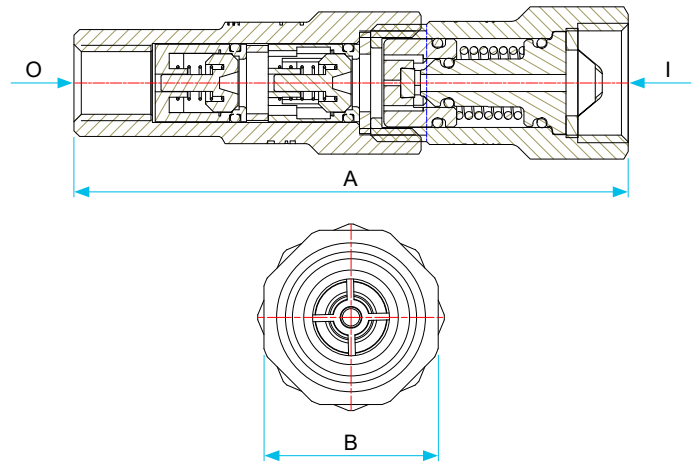
Standards and Approvals



Dimensions

Model	A	B	I	O
PVX1503	99	25	G½	¼-18 NPT
PVX1504	99	25	G½	¼-18 NPT

Note: All measurements in mm unless otherwise stated.



Installation Instructions

- All installations must be carried out by a licensed plumber.
- Flush all pipe work before installing valve.
- Install in accordance with direction of flow, as indicated by the arrow on the valve body.
- Suitable for vertical or horizontal installation
- If replacing existing valve, check the condition of other valves on the systems as these may also require replacing.
- Any specific instructions and/or By-laws issued by Local Authorities must be given precedence over these instructions.
- Isolation Valve/Tap must be installed upstream of inlet connection.
- Adequate clearance around valve must be allowed for to enable clear access and use of tools for installation and removal.

CAUTION

- Do not apply gas torch heat so as to affect the valve
- Not suitable for installation in enclosed spaces.
- In areas prone to freezing the valve must be insulated to prevent freezing.

Maintenance

This valve is factory set and cannot be serviced or dismantled in the field.