

PRESSURE LIMITING VALVE WITH BACKFLOW PREVENTION



RMC's Inline Water Control Valve is designed to be installed in the water supply pipework, immediately upstream of domestic water filter units.

Catalogue Numbers

Model	Description	Catalogue Number
PVDC50	Pressure Limiting Valve Dual Check 350 kPa	PVDC503
PVDC50	Pressure Limiting Valve Dual Check 500 kPa	PVDC504



Description

The PVDC50 Series combination valves provide both backflow prevention and pressure limiting functions through independently acting mechanisms within a single device.

Application

The RMC Inline Water Filter Control Valve is designed for residential containment control and other low hazard applications (refer to AS 3500-1). They are a female / female configuration intended to be fitted in the water supply upstream of domestic water filtration units.

Dimensions

Product	A	B	I	O
PVDC503	99	25	G½	¼-18 NPT
PVDC504	99	25	G½	¼-18 NPT

Technical Specifications

Maximum Temperature:	40°C
Maximum Inlet Pressure:	1200 kPa
Outlet Pressure:	350 kPa & 500 kPa at 1200 kPa Inlet Pressure
Flow Rate:	6 l/min at 700 kPa Inlet Pressure
Inlet (tap) Connection:	15mm G½ Female
Outlet (hose) Connection:	8mm ¼-18 NPT Female

Materials

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

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
- Dezincification resistant brass and high quality polymers used

Notes

A line strainer, non-return and isolating such as RMC's Trio Valve is recommended to be fitted before the PVDC50 valve inlet to facilitate the removal for servicing, cleaning or replacement.

