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

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<td>Pressure Limiting Valve Dual Check 350 kPa</td>
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### 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.

### 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.