

INSTALLATION INSTRUCTIONS

RMC Pressure Limiting Valve For Storage Water Heaters



INSTALLATION INSTRUCTIONS

All installations must be carried out by a licensed plumber.

- Flush all pipework before installing the valve.
- Install in accordance with direction of flow, as indicated by the arrow on the valve body.
- Suitable for vertical or horizontal installation.
- Fit downstream from an RMC duo valve (non return isolating valve).
- It is recommended to install an RMC line strainer before valve inlet.
- PSL suitable for service to 80°C.
- PSL maximum inlet pressure 2000kPa.
- If replacing existing valve, check the condition of other valves on the system as these may also require replacing.
- Any specific instructions and/or By-laws issued by Local Authorities must be given precedence over these instructions.

CAUTION

- Do not apply gas torch heat so as to affect the valve.
- Not suitable for installation in enclosed spaces.
- The PSL series is designed with a port hole vent, consideration must be given for installations where the venting of water from the port hole may have the potential to cause damage.
- In areas prone to freezing the valve must be insulated to prevent freezing.

INLET PRESSURE CONTROL

In any mains pressure water heater installation, the maximum inlet water pressure must not exceed 80% of the nominal set pressure of the operating relief valve. High pressure may cause relief valve discharge and possible premature failure of relief valve. An expansion control valve, when fitted, will have a lower set pressure than the pressure and temperature relief valve and consequently would be classed as the "operating" relief valve.

The following table shows the maximum allowable mains inlet pressure and the correct setting for the pressure limiting valve, where this maximum is exceeded.

MAX ALLOWABLE MAINS PRESSURE WITHOUT INLET CONTROL	RMC SET PRESSURE OF OPERATING RELIEF VALVE	RMC SET PRESSURE OF PRESSURE LIMITING VALVE
1120kPa	1400kPa	500 or 600kPa
960kPa	1200kPa	500 or 600kPa
800kPa	1000kPa	500 or 600kPa
680kPa	850kPa	350 or 500kPa
560kPa	700kPa	350kPa
440kPa	550kPa	350kPa

SERVICING

THIS VALVE IS FACTORY SET AND CANNOT BE SERVICED OR DISMANTLED IN THE FIELD.

WARRANTY

Reliance Worldwide Corporation reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

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. For further Scope of Use, please visit www.rmc.com.au/resources.

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 and will be required to return the goods for evaluation. Should the defect be found to be one of our manufacture we will send you a replacement product to your stated address at our expense. Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

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AU 1800 810 803 | NZ 0800 800 523 | sales.au@rwc.com | www.rmc.com.au