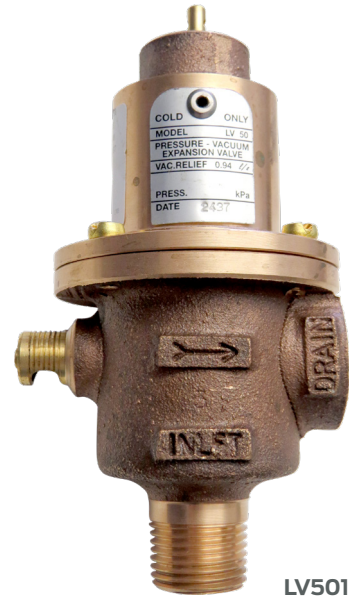


# Low Pressure Expansion Control Valves

## Scope of Use / Specification Sheet

Low Pressure Expansion Control Valves limit the maximum pressure in a pressurised, unvented water heater system by relieving excess pressure to the drain line.

These valves are available in 15mm and 20mm configurations.



LV501

### Product Code

Model	Size	Set Pressure*	Product Code
LV50	15mm	65kPa – 280kPa	LV501
LV75	20mm	65kPa – 280kPa	LV701

\*Please state required pressure when ordering

### Materials

Body	Cast Gunmetal
Internal Parts	Brass and Stainless Steel
Seat Disc	Silicon
Pressure Spring	Stainless Steel

### Notes

The Drain Line must be compliant with AS/NZS 3500. Failure to provide adequate drainage may result in premature activation of the blowout cage. The blowout cage in this valve cannot be replaced as it is rolled into the body of the valve.

### Features and Benefits

- Increased heating efficiency
- Releasing pressure at the inlet saves energy by not purging heated water
- Auxiliary pressure relief device
- Sealed spring cavity prevents spring from seizing in the event of calcification
- Dezincification resistant
- Meets Australian Standard for potable water supply
- Suitable for horizontal or vertical installation

### Application

The RMC Low Pressure Expansion Control Valve range of relief valves are suitable for use on water heater inlets or for any application where expansion safeguards are necessary. RMC recommends installing a Low Pressure Expansion Control Valve as part of a complete inlet control system for water heater applications. The valve should only be installed on the cold or inlet supply of a water heater as the valve is primarily intended to cope with the excess pressure generated during a normal heating cycle.

Please check with RMC to ensure that the Low Pressure Expansion Control Valve is suitable for your application.

## Low Pressure Expansion Control Valves

### Performance Specifications

	LV50	LV75
Maximum Temperature	99°C	99°C
Kilowatt Capacity	11kW	11kW
Inlet	15mm MI	20mm MI
Outlet	20mm FI	20mm FI
Pressure Settings	Available in pressures from 65kPa to 280kPa	

### 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 3500.1.

### 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](http://www.rmc.com.au/warranty) to view the warranty statement in full and for further important information.

### Dimensions

Model	Width (W)	Height (H)	Outlet (O)
LV50	73	135	DN20
LV75	73	135	DN20

**Note:** All measurements in mm unless otherwise stated.

