

LOW PRESSURE EXPANSION CONTROL VALVES

RMC water valves

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



Model	Catalogue Number
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LV50 15mm (65-280kPa)	LV501
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LV75 20mm (65-280kPa)	LV701
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Please state required pressure when ordering

Description

Low Pressure Expansion Control Valves 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.

RMC Low Pressure Expansion Control Valves are available in 15mm and 20mm configurations.

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.

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

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

Materials

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



Uniquely Australian

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Performance Specifications

	LV50	LV75
Inlet (M.I.) mm	15	20
Outlet (F.I.) mm	20	20
Kilowatt Capacity	11 kW	11 kW
Maximum Temperature	99°C	99°C
Standard Pressure Settings Available (kPa)	Available in pressures from 65-280 kPa (All models)	

Dimensions

Model	Width (W)	Height (H)	Outlet (O)
LV50 15mm	73	135	DN15
LV75 20mm	73	135	DN20

NB: All dimensions in millimeters unless otherwise stated.

