

Valve Application Guide

Step One

Determine the P&T Pressure Setting

The Water Heater Manufacturer

100 Litre

Model Number: 9312782
Serial Number: XZ65414
Max Working Pressure: 1000 kPa
Max Supply (No ECV): 800 kPa
Max Supply (With ECV): 680 kPa
EC Valve Setting: 850 kPa

P&T Set Pressure on the heater label

Example: Water Heater Rating information sticker.

The P&T Relief valve setting should be the same as the working pressure on the water heater rating label.

Step Two

Check you have the correct P&T Valve configuration

Nominal Set Pressure of P&T Relief Valve

P & T Relief Valve

Nominal Set Pressure of Expansion Control Valve

Expansion Control Valve

Example: RMC water heater valve rating plates.

1. If the water heater is a new installation, check that the P&T valve provided is rated the same as the working pressure of the water heater.
2. If the valve is a replacement valve (e.g. for maintenance purposes), ensure that the replacement P&T valve is of the exact same configuration and pressure setting as the valve it is replacing.
3. Reading the Date Stamp:
5 | 02 | 7

The above example would be have been manufacture on the 5th day of the 2nd week of 2007.
All valves are covered by warranty for 2 years from date of manufacture.

Step Three

Determine the maximum ECV Valve setting

Rating Plate Colour	P & T Relief	Expansion Control	Pressure Limiting Valve
Black	700 kPa	550 kPa	350 kPa
Blue	850 kPa	700 kPa	500 kPa
Green	1000 kPa	850 kPa	500 kPa
Red	1400 kPa	1200 kPa	600 kPa

All RMC water heater valve rating plates are colour coded to make selecting the correct valve easy. Simply match the Reliance P & T Relief Valve with an Expansion Control valve with a rating plate of the same colour.
Other manufacturer's may use a different colour scheme or pressure range.
Always replace with a genuine RMC valve to reduce the chance of voiding a manufacturer's warranty.