

Non-Return Valves

Description

RMC *Non-Return Valves* prevent the backflow of water from a water heater to the mains line. This serves the dual purpose of protecting the mains supply from contamination, and the loss of water that has already been heated.

Non-Return Valves are suitable for use in domestic and commercial water heater installations.

RMC *Combination Non-Return Valves* are available in 15 mm, 20 mm and 25 mm configurations.

Features and Benefits

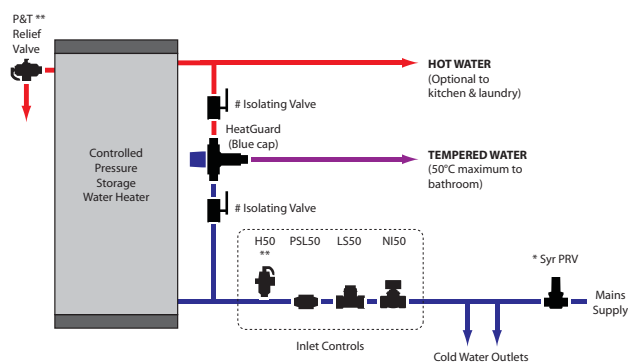
- ❖ Tamper-proof non-return valve
 - » Offers non-return protection for the life of the valve
- ❖ Dezincification resistant
 - » Meets Australian Standard for potable water supply
- ❖ Suitable for horizontal or vertical installation
 - » Valve designed to work effectively in either orientation



Application

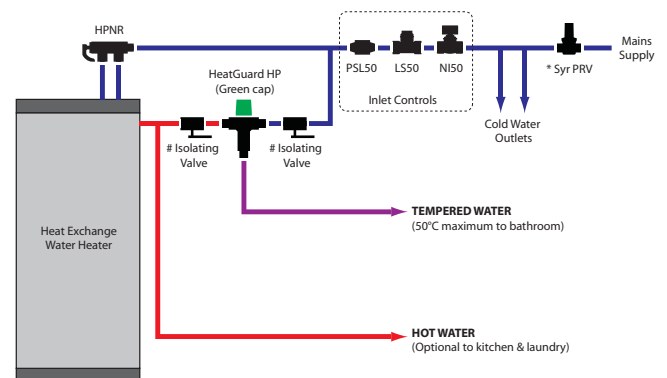
RMC *Non-Return Valves* are suitable for use on water heater systems or wherever non-return functionality is required. RMC recommends installing a *Non-Return Valve* as part of a complete inlet control system for water heater applications.

For Controlled Pressure Water Heater: Domestic Building Valve fitted at the Heater



Optional, recommended for ease of maintenance.
* When the tempering valve is fitted remote from the water heater, it is recommended the mains supply to the property be controlled by a Syr pressure reducing valve.
** Drain line must comply with AS3500.

For Heat Exchange Water Heater: Domestic Building

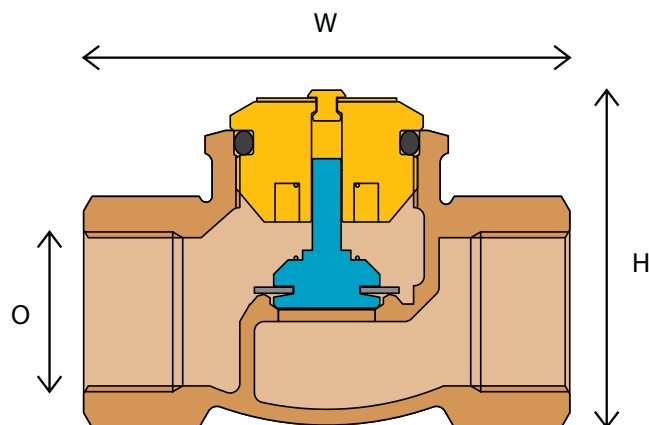


Optional, recommended for ease of maintenance.
* The Pressure Limiting Valve is not necessary when the mains supply to the property is controlled by a Syr pressure reducing valve.

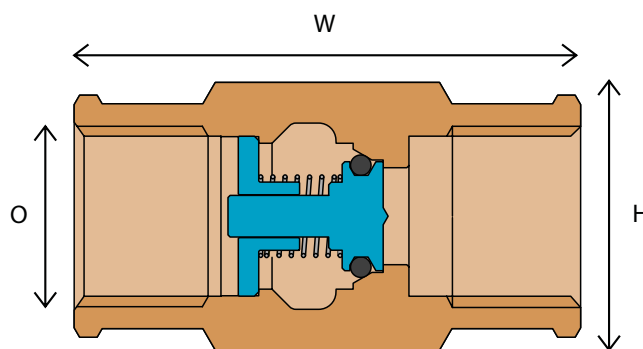
Non-Return Valves

Specification

Maximum temperature:	40° C	
Maximum inlet pressure:	1400 kPa	
Inlet/Outlet Fittings:	B.S.P. (F.I.)	
Installation Orientation	NR50, NR50L, NR75	Horizontal or Vertical
	NR100	Horizontal only



NR50/NR75/NR100



NR50L

Dimensions

Model	Width (W)	Height (H)	Outlet (O)
NR50	74	46	DN15
NR75	80	56	DN20
NR100	102	67	DN25
NR50L	59	31	DN15

NB: All dimensions in millimeters unless otherwise stated.

Materials

Body	Cast gunmetal
Internal Parts	Brass and stainless steel
Seat Disc	Nitrile/Silicon
Pressure Spring	Stainless steel
Piston	Ultem/Brass

Catalogue Numbers

Model	Catalogue Number
NR50 15 mm Female BSP	NR502
NR50L Inline 15 mm Female BSP	NRL501
NR75 20 mm Female BSP	NR701
NR100 25 mm Female BSP	NR1001