

NON-RETURN VALVES



RMC High Temperature Non-Return Valves prevent the backflow of water from a water heater to the mains line.

Catalogue Numbers

Model	Catalogue Number
NR50 High temperature 15mm Female BSP	NR50HT
NR75 High temperature 20mm Female BSP	NR75HT
NR100 High temperature 25mm Female BSP	NR100HT



Description

Non-Return Valves serve the dual purpose of protecting the mains supply from contamination and prevents the loss of water that has already been heated.

Non-Return Valves are suitable for use in domestic and commercial water heater installations, and are rated for high temperature applications (up to 99°C).

RMC Combination Non-Return Valves are available in 15mm, 20mm and 25mm configurations, and conform to AS1357.1-2009.

Features and Benefits

- Durable, single piece, brass body
- Tamper-proof non-return valve
- Dezincification resistant
- Meets Australian Standard for potable water supply
- Valve designed to work effectively in either vertical or horizontal installations

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.

Notes

For applications relating to the protection of drinking water supplies from contamination, please refer to Reliance Worldwide's Backflow Prevention product range.

Materials

Body	Arsenical Brass
Internal Parts	Neoperl® OV15-HT/OV20-HT AS/NZS 4020 Approved



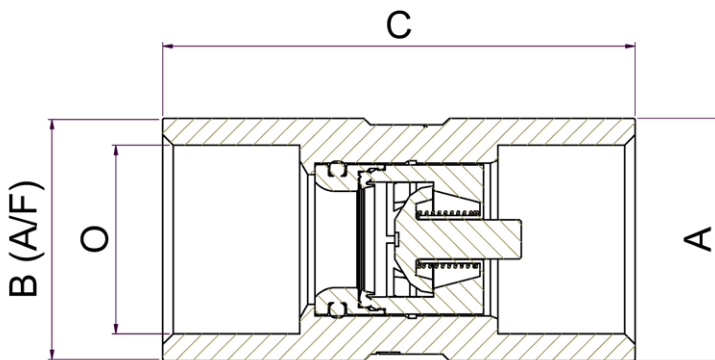
Technical Specifications

Operating Temperature	1°C - 99°C
Maximum Inlet Pressure	1400 kPa
Inlet/Outlet Connections	G½, G¾, G1 Internal thread
Installation Orientation	Horizontal or Vertical
Flow Rate, Maximum	36 L/min (NR50HT), 50 L/min (NR75HT, NR100HT)
Opening Pressure	2.1 kPa (NR50HT), 1.7 kPa (NR75HT, NR100HT)

Dimensions

Model	A	B	C	Outlet (O)
NR50HT	31	27	53	DN15
NR75HT	37	32	62	DN20
NR100HT	44	38	68	DN25

NB: All dimensions in millimeters unless otherwise stated.



Flow Characteristics

