

COMBINATION NON-RETURN ISOLATING VALVES



RMC Combination Non-Return Isolating Valves combine the mandatory functions of an isolating valve and non-return valve for the installation of pressurised water heaters.

Model	Catalogue Number
NI50 Duo Valve 15mm Female BSP	NI501
NI50-A Duo Valve 15mm Internal Flare	NIA501
NI50-C Duo Valve 15mm Male Compression (Inc. nuts, copper and nylon olives)	NIC501
NI75 Duo Valve 20mm Female BSP	NI701
NI75-A Duo Valve 20mm Internal Flare	NI703
NR50-S Non-Return with Strainer 15mm Female BSP	NRS501
NR1501-S Trio 15mm Female BSP	NRIS501



Description

The RMC Combination Non-Return Isolating Valves provide isolation and prevents the backflow of water from a water heater to the mains line. They serve the dual purpose of protecting the mains supply from contamination and preventing the loss of water that has already been heated. The isolating valve component is useful as a means of controlling inlet water supply to unvented storage water heaters.

RMC Combination Non-Return Isolating Valves are available in 15mm and 20mm configurations.

Features and Benefits

- Integral construction of non-return valve and isolating valve
- One piece unit for tidy, simple and economical installation
- No intermediate joins or fittings, reducing the opportunity for leaks and faults
- Tamper-proof non-return valve
- NR150S 15mm Trio Valve model features integral line strainer for even simpler installation
- Dezincification resistant
- Meets Australian Standard for potable water supply
- Valve designed to work effectively in vertical or horizontal orientation

Materials

Body	Cast Gunmetal
Springs	Stainless Steel
O-rings/Seals	Nitrile
Internal Components	DZR Brass/Ultem
Strainer	Stainless Steel

Application

Combination Non-Return Isolating Valves are suitable for use on water heater systems or wherever both non-return and isolating functions are required. RMC recommends installing a Combination Non-Return Isolating Valve as part of a complete inlet control system for water heater applications.



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Technical Specifications

Model	Size/Connection	Max. Temperature	Max. Inlet Pressure	Non-Return	Isolating	Line Strainer
NI150 Duo Valve	DN15 Female	40°C	1400kPa	✓	✓	
NI50-A Duo Valve	DN15 Internal Flare			✓	✓	
NI50-C Duo Valve	DN15 Compression			✓	✓	
NI75 Duo Valve	DN20 Female			✓	✓	
NI75-A Duo Valve	DN20 Internal Flare			✓	✓	
NR50-S with Strainer	DN15 Female			✓		✓
NRI50-S Trio Valve	DN15 Female			✓	✓	✓

Dimensions

Model	Width (W)	Height (H)	Connection (C)
NI50	74	72	G½ Female
NI50-A	86	72	DN15Cn INT Flare
NI50-C	102	72	DN15Cn
NI75	80	85	G¾ Female
NI75-A	97	85	DN20Cn INT Flare
NR50-S	95	47	G½ Female
NRI50-S	95	83	G½ Female

NB: All dimensions in millimetres unless otherwise stated.

