

Class 1 Combination Non-return & Pressure Relief Valve

Building Product Information Requirements (BPIR)

Product Line: RMC Reliance Valves High Pressure Expansion & Non-Return Valve

Product Identifier(s):
HPNR503

Product Description:

The RMC Reliance Valves High Pressure Expansion Non-Return (HPNR) Valve is a combination non-return and pressure relief device and is suitable for coil type heat exchange water heaters. The non-return prevents the backflow of hot water into the mains supply. The relief valve prevents an over-pressure condition within the coil.

Relevant building code clauses:

B2 Durability —	B2.3.1 (a)
F2 Hazardous building materials —	F2.3.1
G10 Piped services —	G10.3.1
G12 Water Supplies —	G12.3.2, G12.3.7
H1 Energy efficiency —	H1.3.3

Contributions to compliance:

All items listed under Product Identifier(s) are approved to AS 1357.1-2019. WaterMark licence number 000938.

Scope of use:

The RMC Reliance Valves HPNR Valve limits the maximum pressure in a heated water system by relieving excess pressure to the drain line and is classified as a functional control for this type of application. The HPNR Valve should only be installed on the cold/inlet supply of a water heater as the valve is primarily intended to relieve the excess pressure

generated during a normal heating cycle. The HPNR Valve is suitable for installation in water heaters where the dual function of inlet non-return and cold water expansion pressure relief is required (e.g. coil type heat exchange mains pressure water heaters).

Conditions of use:

RMC Reliance Valves FloodGuard valves must be installed by a suitably qualified person according to the rules of AS/NZS 3500.1.

Supporting Documentation:

Title (Type)	Version / Date	URL
High Pressure Expansion & Non-Return HPNR Valves	N/A	Click Here

Contact Details:

Manufacture Location:	Overseas
Legal and trading name of Manufacturer:	Reliance Worldwide Corporation (AUST.) Pty. Ltd.
Manufacturer address for service:	27 – 28 Chapman Place, Eagle Farm, QLD 4009 Australia
Manufacturer website:	www.rmc.com.au
Manufacturer NZBN:	
Manufacturer email:	sales.au@rwc.com
Manufacturer phone number:	+61 07 3018 3400

Importer Location:	New Zealand
Legal and trading name of Importer:	Reliance Worldwide Corporation (NZ). Pty. Ltd.
Importer address for service:	81 Apollo Drive, Rosedale, Auckland 0632
Importer website:	www.relianceworldwide.co.nz
Importer NZBN:	9429000011358
Importer email:	sales.nz@rwc.com
Importer phone number:	0800 800 523

Warnings and Bans:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

No

Version: 1.0

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