Marley uPVC Non Pressure Solutions – REDI non return valves (Stormline®)

These valves are an effective way to eliminate flood risk by backflow through drainage channels.

Valves are injection molded made from uPVC, they have one flap device with locking level certified EN 13564 Type 1.

Applications

- Suitable for low-lying coastal, lake or valley areas prone to flooding
- Suitable for under dimensioned sewerage networks, operating at high flow rates
- Suitable for private discharge systems channelled to public sewers
- Suitable for Commercial/Industrial installations where non-pressure flow control is required
- Rodent ingress reduction

Components of the system

NON RETURN VALVES NON PRESSURE

PRODUCT CODE	SIZE
1588.100	100DN
1588.150	150DN
1588.225*	225DN

*non stocked items are available on request

Manufacturer

These valves are distributed by Marley NZ and manufactured by our sister company

Redi Spa

- Via Madonna dei Prati, 5/A
  40069 Zola Predosa (Bologna)
- www.redi.eu
- salesredi@aliaxis.com

Relevant Building Code Clauses

REDI non return valves when used, installed, and maintained in accordance with the requirements outlined in this document, will meet or contribute to meeting:

- NZBC Clause B2 Durability - No less than 15 years
- NZBC Clause F2 Hazardous Building Materials – Meets this requirement and will not present a health hazard to people.
- NZBC Clause G13 Foul Water

Limitations on the use

Redi non return valves are used only in a non pressure application.

Design

Valves from DN100 up to DN200 are certified by the German Institute LGZ (LGA Kitemark) and they hold the CE marking.

Inlet and outlet of the valves are complying with EN 1401 and EN 1329 and they have an integral closing handle for long periods of non-use.

Installation

- The REDI valve should be placed in an access pit for ease of access and maintenance.
- Ensure the REDI valve is correctly levelled (max. 2°) as it has a buit-in water fall.
- When connecting the REDI valve to the drainage system, ensure that the cover is horizontal. Incorrect installation limits the valves effectiveness.
- The valve should be easily accessible at all times. For inspection, turn the integral closing handle ot the "closed" position. In case of resistance, open the cover and remover dirt and deposits. Don't keep the closing handle in an intermediate position.

Maintenance

Ideally the REDI valve should be serviced at least once every six months. Clean the parts, re-position the cover seal with care, replace the top cover and tighten the nuts gradually.

Warning and/or Bans

Non Return Valves are not subject to any warning or ban.

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