

107 Series Potable Water Pressure Relief Valve

Discharges water off the system at a set pressure in the event of cold water over pressurisation to a unvented cylinder

Overview

Reliance Valves 107 Series Potable Water Pressure Relief Valve is designed to protect an unvented system from over pressurisation. The valves are pre-set and locked to a particular pressure, and if the system exceeds this pressure the valve will lift off the seat and water will discharge from the valve to the waste.

This is the first safety device in line within an unvented system. The valves are available in pressures ranging from 3.5 – 6 bar, as well as multiple connection sizes to allow for flexible installation.

Features & benefits

- Diaphragm design gives improved resistance against scale
- Protects against over pressurisation
- Multiple connections for flexible installation
- Set relief pressure range from 3.5 - 6.0 bar
- Suitable for cold water use only

Standards & approvals

WRAS Approved

BS EN 1491

Specifications

Maximum temperature	110°C
Pre-set pressure	3.5, 5.0 or 6.0 bar
Pressure tolerance	+/- 0.5 bar
Fluid	Water or compressed air

Materials

Body	DZR brass
Diaphragm	EPDM
Spring	UNI 3823
Spindle control	Acetal
Screw breech block	Acetal
Handle & plate	PA

Product code	Pressure	Size
PREL107010	6.0 bar	1/2" FBSP x 1/2" FBSP
PREL107015	6.0 bar	1/2" MBSP x 1/2" FBSP
PREL107020	3.5 bar	1/2" MBSP x 15mm
PREL107025	5.0 bar	1/2" MBSP x 15mm



Dimensions – All measurements in mm unless otherwise

