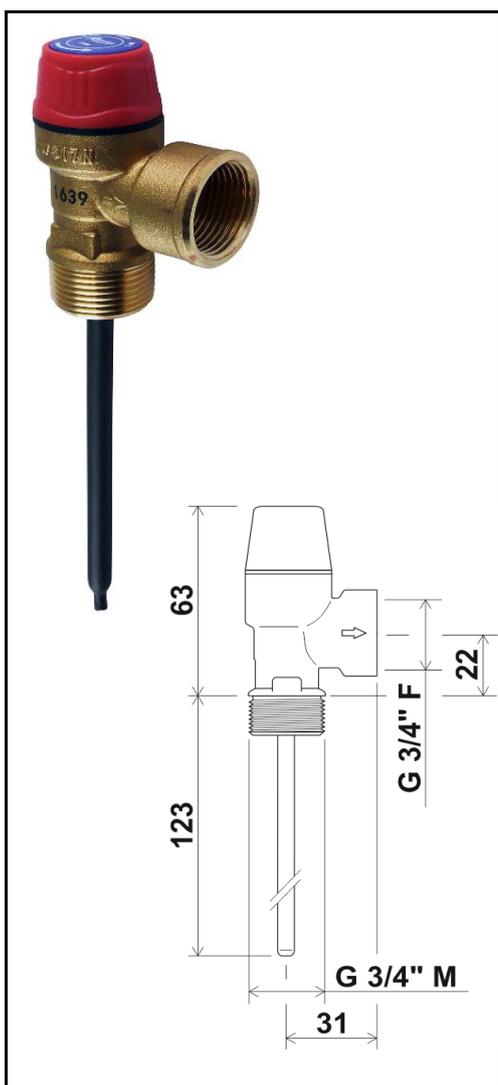


Pressure Temperature Relief Valve PTR



Basic characteristics	
Application	protection against high temperature or impermissible pressure
Description	dual pressure/temperature safety valve is a safety device for hot water storage tanks that opens when the preset pressure or temperature is reached
Installation	horizontal position with the outlet downwards, vertical position with the control knob upwards (in pic.); flow direction shall respect the arrows on the housing
Working fluid	water
Codes	
17240	for 7 bar valve opening pressure
17241	for 10 bar valve opening pressure
Technical data	
Max. working pressure	10 bar
Valve opening pressure	7 ^{+0.5} _{-0.4} bar (17240) 10 ^{+0.5} _{-0.4} bar (17241)
Valve opening temp.	92 ± 3 °C
Discharge coefficient	0,54
Valve seat cross section	95 mm ²
Connections	G 3/4" M x G 3/4" F
Weight	160 g
Materials	
Valve housing	CW 617 N (brass)
Cone and membrane	nylon PA 6.6
Spring	stainless steel
Control knob	ABS

Accessories to connect the valve to tanks	
Codes	For tanks
17524	R0BC 200-750
17525	RGC 120; RDC; R2DC; DUO
17526	RBC 200-400; RBC 200-400 HP; R2BC 200-400
17527	HSK P; HSK PR; HSK PV
17528	RBC 500-1000; RBC 500-1000 HP; R2BC 500-1000
17529	R0BC 1000-3000; RBC 1500-3000; RBC 1500-3000 HP; R2BC 1500-3000

According to EN 12 828 one more safety valve shall be installed in the upper part of a hot water storage tank (or outgoing DHW piping) heated by steam, solar energy, fluid or solid fuels. For hot water storage tanks heated by gas or electric heating elements this obligation applies for volumes over 200 l. Following the standard, this obligation can be also met by installing a PTR valve instead of the second safety valve.

The valve is approved for combination temperature and pressure safety assemblies as compliant with the Directive 2014/68/EU of the European Parliament and of the Council and EN 13480-1 to 5:2015 (EN 1490:2016) standard.