

# 309

temperature - pressure  
relief valve



**WRAS**  
APPROVED  
PRODUCT



**altecnic**

# 309 temperature - pressure relief valve



## Application

The Altecnic 309 temperature - pressure relief valves are used to control and limit the temperature and pressure of hot water contained in a domestic storage cylinder, preventing the water from reaching 100°C.

When the set conditions are reached, the valve discharges a sufficient amount of water to allow the temperature or pressure to return within the system's operating limits.

The valves have been designed for use on unvented hot water systems.

## Construction Details

Component	Material	Grade
Body	DZR	BS EN 12165 CW602N
Stem	Brass	BS EN 12164 CW614N
Diaphragm	EPDM	
Spring	Steel	BS EN 10270-1 SH
Control Knob	PA6GF Polymer	

Product Code	Connections	Set Pressure bar	Probe Length Dimension 'D'
309400 CST	½" M x 15 Comp	10	102
309405 CST	½" M x 15 Comp	10	203
309435 CST	½" M x 15 Comp	3	203
309440 CST	½" M x 15 Comp	4	102
309445 CST	½" M x 15 Comp	4	203
309465 CST	½" M x 15 Comp	6	203
309470 CST	½" M x 15 Comp	7	102
309475 CST	½" M x 15 Comp	7	203
309500 CST	¾" M x 22 Comp	10	99
309505 CST	¾" M x 22 Comp	10	203
309535 CST	¾" M x 22 Comp	3	203
309545 CST	¾" M x 22 Comp	4	203
309547 CST	¾" M x 15 Comp	4	200
309565 CST	¾" M x 22 Comp	6	203
309570 CST	¾" M x 22 Comp	7	99
309575 CST	¾" M x 22 Comp	7	203
309473 CST	½" M Parallel x 15 Comp	7	97

## E & O.E

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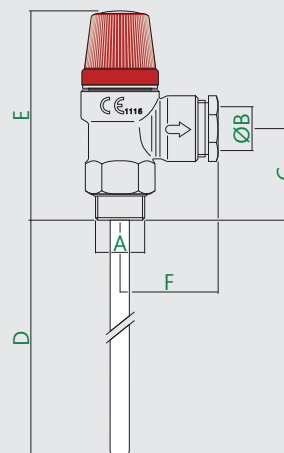
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## Dimensions



Prod Code	A	B	C	E	F	kg
3094.. CST	G½B	15	40	88	39	0.26
3095.. CST	G¾B	22	43	91	39	0.31
309547 CST	G¾B	15	43	91	39	0.31

## Technical Data

Medium:	water
Max pressure:	10 bar
Discharge rating:	½" 10 kW ¾" 25 kW
Set temperature:	90°C
Set pressures available:	3, 4, 6, 7 & 10 bar
PED category:	IV
WRAS approved product	

## CE Mark

The 309 range of temperature - pressure relief valves meet the requirements of the European Directive 97/23/CE for pressurised equipment often referred to PED.

They are therefore classified in Category IV and granted the CE Mark.

The 309 range are certified by Buildcert as complying with the requirements of BS EN 1490: 2000.

## Typical Applications

