

01482 601030 www.safetyvalvesonline.com sales@safetyvalvesonline.com

253 solar safety relief valve







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Application

The Altecnic series 253 safety relief valves are used to control pressure in the primary circuits of solar heating systems.

The valve is selected for the required set pressure. As the pressure rises, when the discharge pressure is reached the valve opens and discharges to atmosphere, preventing the pressure within the system reaching levels which might damage the solar collectors and other equipment installed in the system.

Prod Code A B C D E kg 25304 G¹/2 G³/4 24 70 34 0.22

Typical Solar Application

Dimensions

Construction Details

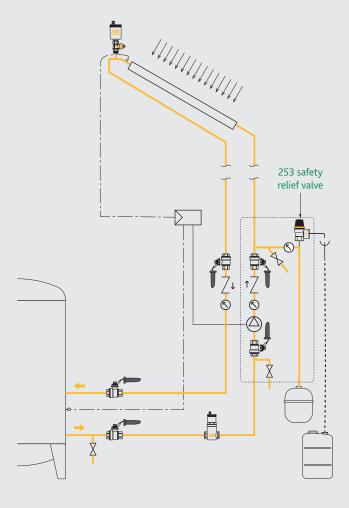
Component Body Stem Diaphragm	Material Brass - chrome plated Brass Elastomer Stainless steel	Grade BS EN 12165 CW617N BS EN 12164 CW614N High temperature
Spring Control Knob	PA6-GF30 polymer	
Product Code	Set Pressure bar	
253042	2.5	
253043	3	
253044	4	
253046	6	
253048	8	
253040	10	
Technical Data		
Medium:		water, glycol solutions
Max. percentage of glycol		50%
Temperature range:		-30 to 160°C
Set pressure range:		2.5 to 10 bar
Max. static pressure:		10 bar
PED category:		IV
CE Mark		

Series 253 solar safety 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.

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