

For sealed central heating and chilled water (cooling) installations. The valve opens when the pressure increases excessively.

Prescor safety valves have a special shape which, not only achieves a perfect seal, but also provides a large blow off capacity. The valve seal is made of high quality rubber which is heat resistant to 140 °C and where the hardness of the rubber adjusts to the set pressure of the safety valve. In this way, the valve cannot stick to the seat.

All valves are tested before they leave our facility and are available for heating and cooling installations as well as for protection of various hot water storage appliances. For safety valves for potable water installations see "Accessories for Sanitary Installations".

Advantages

- Specially designed pop action for full discharge at opening pressure to reduce the pressure quickly.
- High quality materials and state-of-the-art design features guarantee a high degree of safety.
- CE-conformity mark (PED 2014/68/EU), for application areas according to Pressure Equipment Directive.
- The opening pressure of all valves is individually tested.

Technical Specifications

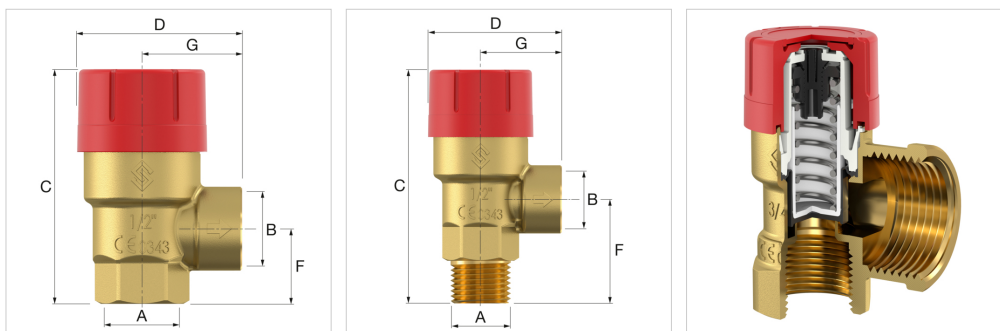
- Minimum/Maximum working temperature: -10 °C / 120 °C.
- Peak load: 140 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.

Operational tolerance is -5% to +5% on set pressure (NF certified valves have a tolerance of -0% to +10%).



Description	Prescor valve 1/2 x 1/2 -3bar	
Order Code	27665	
GTIN	08712874276659	
Model	<u>Prescor</u>	
Set pressure [bar]	3.0	
Connection	A	Rp 1/2"
	B	Rp 1/2"
Dimensions	C [mm]	68.7
	D [mm]	47.2
	F [mm]	21.5
	G [mm]	28.5
Heating capacity [kW]	125	





Classification General Data

Etim Group	Measuring and control devices
Etim Class	Safety valve
Product Name	Prescor Rp1/2" x Rp1/2" 3.0bar
Brand	FLAMCO
Product Type	Prescor Safety Valves
Order Code	27665
GTIN	08712874276659

Attributes

Model	Right-angled
Housing material	Brass
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Material quality	Dezincification resistant brass (DZR)
Nominal diameter	1/2 inch (15)
Outer pipe diameter all connections	22 Millimetre
Connection 1	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
Nominal diameter connection 1	1/2 inch (15)
Outer pipe diameter connection 1	21.3 Millimetre
Connection 2	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
Nominal diameter connection 2	1/2 inch (15)
Article compression class	PN 16
Flange compression class	PN 16
Maximum pressure at 20 C	10 Bar
Max. operating pressure at 20 °C	10 Bar
Max. medium temperature (continuous)	120 Degrees celsius
Medium temperature (continuous)	0 - 120 °C
Min. medium temperature (continuous)	-10 Degrees celsius
Surface protection	Untreated
Right-angled model	Yes
Bellows seal	Yes
Sealing	Ethylene-propylene diene monomer rubber (EPDM)
Overflow pressure	2.85 - 3.15 bar
Suitable for continuous operation	Yes
Length of connection 1	21.5 Millimetre
Working length connection 1	21.5 Millimetre
Length of connection 2	28.5 Millimetre
Working length connection 2	28.5 Millimetre
Height	69 Millimetre
Angle of the device	90 Degrees
Spindle angle	180 Degrees
Suitable for heating	No
Suitable for cooling	Yes
Suitable for solar heating	No
Suitable for hot tap water	No

Find more information online:
[Installation and operating instructions \(multiple languages\)](#)
[CE PED declaration](#)
[Declaration of conformity UKCA](#)
[Prescor ADSK](#)
[Prescor ADSK Revit](#)
[Prescor DWG](#)
[Prescor STEP](#)
[Packaging data](#)

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