

For protecting water heaters and potable water systems.

When the system pressure reaches the set pressure, the Prescor B boiler valve begins to vent, whereby the pressure stops rising. If, due to specific circumstances, the pressure rapidly rises over the set pressure, the Prescor B boiler valve will open fully, creating a large blow off capacity. This is a permanent, reliable safeguard against overpressure. Venting can be prevented by installing a suitably sized Airfix expansion vessel for sanitary systems.

The seating of Prescor boiler valves is designed so that it not only makes a perfect seal but can also achieve a large blow-off capacity.

The hardness of the rubber is adapted according to the set pressure of the safety valve. Due to this combination of a specifically designed seating and special rubber it is possible to achieve optimum safety.

### Advantages

- Wide range so that the correct valve can be selected appropriate to the application.
- Can be used in combination with any storage boiler system.
- Because of the "pop" effect these valves have a high blow-off capacity.
- Solid brass housing.
- Valve seat with silicon free rubber seal.
- Anti-ageing steel spring maintains the set pressure accurately.
- With silicon free diaphragm that prevents moisture and dirt from getting into the moving parts.
- Construction and choice of materials are your guarantee of accuracy and safety.

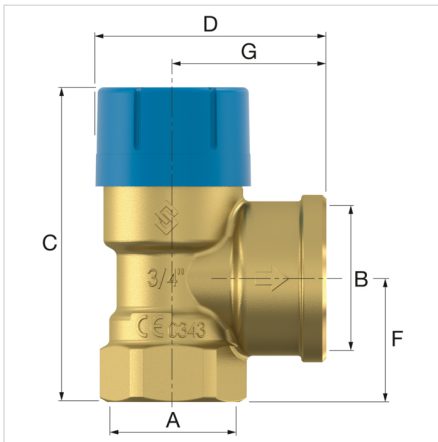
### Technical Specifications

- Minimum/Maximum working temperature: 0 °C / 95 °C.
- Peak load: 140 °C.
- In accordance with PED 2014/68/EU and EN 12516-3.



Description	Prescor B valve 3/4 x 1-10b TRD	
Order Code	27112	
GTIN	08712874271128	
Model	<u>Prescor B</u>	
Set pressure [bar]	10.0	
Connection	A	Rp 3/4"
	B	Rp 1"
Dimensions	C [mm]	76.8
	D [mm]	55.2
	F [mm]	29.5
	G [mm]	36.5
Capacity [kW]	150	





### Classification General Data

<b>Etim Group</b>	Measuring and control devices
<b>Etim Class</b>	Safety valve
<b>Product Name</b>	Prescor B Rp3/4" x Rp1" 10.0bar TRD
<b>Brand</b>	FLAMCO
<b>Product Type</b>	Prescor Safety Valves
<b>Artikelnummer</b>	27112
<b>GTIN</b>	08712874271128

### Attributes

<b>Housing material</b>	Brass
<b>Nominal diameter</b>	3/4 inch (20)
<b>Outer pipe diameter all connections</b>	35 Millimetre
<b>Connection 1</b>	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
<b>Nominal diameter connection 1</b>	3/4 inch (20)
<b>Outer pipe diameter connection 1</b>	26.7 Millimetre
<b>Connection 2</b>	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
<b>Nominal diameter connection 2</b>	1 inch (25)
<b>Maximum pressure at 20 C</b>	10 Bar
<b>Max. operating pressure at 20 °C</b>	10 Bar
<b>Max. medium temperature (continuous)</b>	95 Degrees celsius
<b>Min. medium temperature (continuous)</b>	0 Degrees celsius
<b>Right-angled model</b>	Yes
<b>Bellows seal</b>	Yes
<b>Sealing</b>	Ethylene-propylene diene monomer rubber (EPDM)
<b>Overflow pressure</b>	9.5 - 10.2 bar
<b>Suitable for continuous operation</b>	Yes
<b>Length of connection 1</b>	29.5 Millimetre
<b>Length of connection 2</b>	36.5 Millimetre
<b>Height</b>	69 Millimetre
<b>Angle of the device</b>	90 Degrees
<b>Spindle angle</b>	180 Degrees
<b>Suitable for heating</b>	No
<b>Suitable for cooling</b>	No
<b>Suitable for hot tap water</b>	Yes

**Find more information online:**

[Installation and operating instruction](#)

[CE PED declaration](#)

[PED Module D](#)

[ACS certificate](#)

[Declaration of conformity UKCA](#)

[Prescor B ADSK](#)

[Prescor B DWG](#)

[Prescor B IPT](#)

[Prescor B STEP](#)

[Prescor B RFA](#)

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