

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 1-6b TRD	
Order Code	27110	
GTIN	08712874271104	
Model	<u>Prescor B</u>	
Set pressure [bar]	6.0	
Connection	A	Rp $\frac{3}{4}$ "
	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

Etim Group	Measuring and control devices
Etim Class	Safety valve
Product Name	Prescor B Rp $\frac{3}{4}$ " x Rp1" 6.0bar TRD
Brand	Flamco
Product Type	3/4 x 1
Artikelnummer	27110

Attributes

Housing material	Brass
Nominal diameter	3/4 inch (20)
Outer pipe diameter all connections	35 Millimetre
Connection 1	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
Nominal diameter connection 1	3/4 inch (20)
Outer pipe diameter connection 1	26.7 Millimetre
Connection 2	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
Nominal diameter connection 2	1 inch (25)
Maximum pressure at 20 C	10 Bar
Max. operating pressure at 20 °C	10 Bar
Max. medium temperature (continuous)	95 Degrees celsius
Min. medium temperature (continuous)	0 Degrees celsius
Right-angled model	Yes
Bellows seal	Yes
Sealing	Rubber/plastic (running out)
Overflow pressure	5.6 - 6.2 bar
Suitable for continuous operation	Yes
Length of connection 1	29.5 Millimetre
Length of connection 2	36.5 Millimetre
Height	69 Millimetre
Angle of the device	90 Degrees
Spindle angle	180 Degrees
Suitable for heating	No
Suitable for cooling	No
Suitable for hot tap water	No

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](#)

[Export catalogue](#)

[Packaging data](#)

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