27461 - Prescor PRV PN25 1.0-6.0 bar

Product Data Sheet 2026/11/22



The Prescor pressure reducing valve stabilizes the fluid pressure in a water distribution systems to a preset value. It is used on potable water installations for water supply within buildings according to EN 806-2.

Working principle

The Prescor PRV can be adjusted to the required working pressure by turning the regulation knob, this then adjusts the calibration spring pressing against the membrane which in this case then acts against the valve cartridge. The water pressure downstream of the pressure reducing valve maintains a pressure in the opposite direction, balancing the valve closed. When the valve is closed, the two forces are balanced, while there is a flow, the downstream pressure decreases and the spring overcomes the pressure, thus opening the valve and allowing the water to pass through.

Advantages

Comfort and efficiency without noise and vibrations

The special internal construction of the valve body with perfect finished surface has been designed to create a minimum flow resistance, limiting vibrations and pressure loss.

Fast and simple pressure setting and commissioning

The regulation knob with indicator allows the PRV to be adjusted easily to the set pressure to simply and quickly set the pressure (1-6 bar). The graduating scale of the PRV gives clear indications of the set pressure.

Pressure under control in every situation

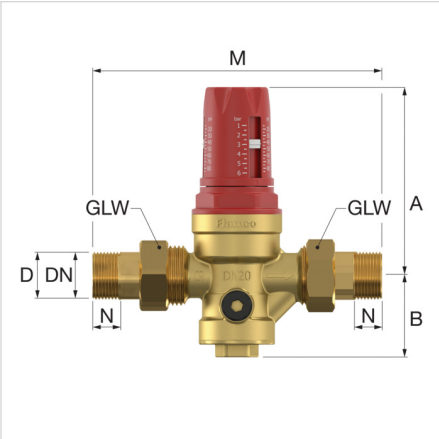
The enhanced mechanical strength of the valve body and its internal parts allows to use the valve in water supply systems, where the pressure may reach values up to 25 bar.

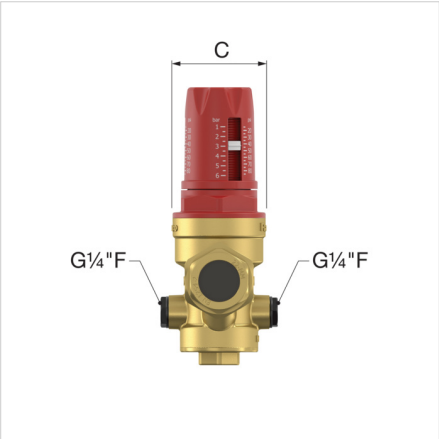
Technical Specifications

- Outlet settings (Ps) from 1 to 6 bar.
- Ps value set during testing: 3 bar.
- Outlet Ps set tolerance on varying inlet pressue: pressure according to EN 1567.
- Maximum working pressure: 25 bar.
- Min./Max. working temperature: 0 ˚C (excluding ice) / 80 ˚C.
- Suitable for addition of glycol-based anti-freeze up to 50%.

Description		Prescor PRV PN25 1.0-6.0 bar
Order Code		27461
GTIN		8712874274617
Model		Prescor PRV
Connection	(D)	R $^{3}/_{4}$"
	[DN]	20
Dimensions	A [mm]	104
	B [mm]	45
	C [mm]	50
	M [mm]	160
	N [mm]	15
	GLW [mm]	37

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Prescor PRV KV

Order Code	27460 27466	27461 27467	27462 27468	27463	27464	27465
DN	15	20	25	32	40	50
Kvs [m^3/h]	2.25	2.94	5.38	6.88	10.46	12.65

Classification General Data

Etim Group	Flow control valves
Etim Class	Pressure controller, medium-controlled
Product Name	None
Brand	Flamco
Product Type	Prescor PRV
Order Code	27461
GTIN	8712874274617

Attributes

Material quality	Dezincification resistant brass (DZR)
Nominal diameter	DN 20
Connections	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
Suitable for liquids	Yes
Suitable for gases	No
Suitable for steam	No
Max. medium temperature (continuous)	80 °C
Set pressure	1 bar
Pre-pressure	3 bar
End pressure	6 bar
Article compression class	PN 25
Length	160 mm
Working length	130 mm
Height	149 mm
Housing material	Brass

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Find more information online:

Installation and operating instruction
Certificate WRAS Prescor PRV DN15-20
Certificate WRAS Prescor PRV DN32-50
Certificate KIWA Prescor PRV DN15-20
Certificate KIWA Prescor PRV DN32-50
Statement of Conformity Prescor PRV
Atest PZH
Certificate Prescor PRV CZ
Prescor PRV DWG
Prescor PRV STEP
Prescor PRV RFA
Brochure
Spare parts list
Packaging data

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