

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

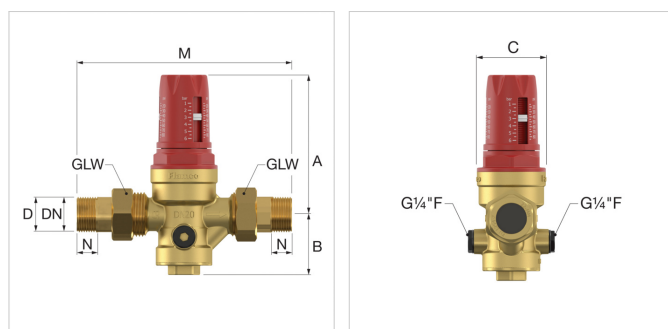
The regulation knob with indicator allows the PRV to be adjusted easily to the set pressure to simply and quickly set the pressure (1-6 bar). The graduating scale of the PRV gives clear indications of the set pressure.


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 pressure: 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%.



Type	Connection		Dimensions							Order Code
	(D)	[DN]	A [mm]	B [mm]	C [mm]	M [mm]	N [mm]	GLW [mm]	-	
Prescor PRV PN25 1.0-6.0 bar	R 1/2"	15	104	45	50	140	13	30	1	27460
Prescor PRV PN25 1.0-6.0 bar	R 3/4"	20	104	45	50	160	15	37	1	27461
Prescor PRV PN25 1.0-6.0 bar	R 1"	20	104	45	50	170	17	46	1	27462
Prescor PRV PN25 1.0-6.0 bar	R 1 1/4"	32	130	59	61	200	19	52	1	27463
Prescor PRV PN25 1.0-6.0 bar	R 1 1/2"	40	167	73	81	225	19	64	1	27464
Prescor PRV PN25 1.0-6.0 bar	R 2"	50	164	82	81	255	24	83	1	27465



Find more information online:

[Installation and operating instruction](#)

[Certificate WRAS Prescor PRV DN15-20](#)

[Certificate WRAS Prescor PRV DN32-50](#)

[Statement of Conformity Prescor PRV](#)

[Certificate PZH](#)

[Certificate Prescor PRV CZ](#)

[Prescor PRV DWG](#)

[Prescor PRV STEP](#)

[Prescor PRV RFA](#)

[Brochure](#)

[Spare parts list](#)

[Export catalogue](#)

[Packaging data](#)

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