

## PRESSURE REDUCING VALVE

MODEL PRV—3/4" BSP THREADED

Product instructions

MODEL PRVG—22MM COMPRESSION

Pressure reducing valves are suitable for water supplies up to 80°C, and inlet pressures up to 16 bar. The outlet pressure can be adjusted between 1 bar and 6 bar. Normally these valves are fitted to the incoming water supply pipe.

Tower PRV & PRVG provide **static and dynamic** water pressure reduction.

### Installation orientation and additional provision:

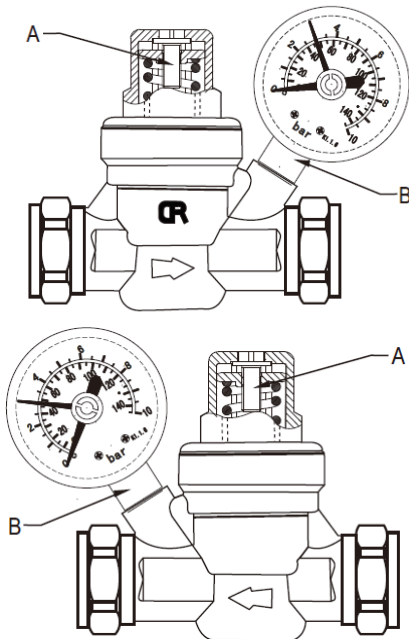
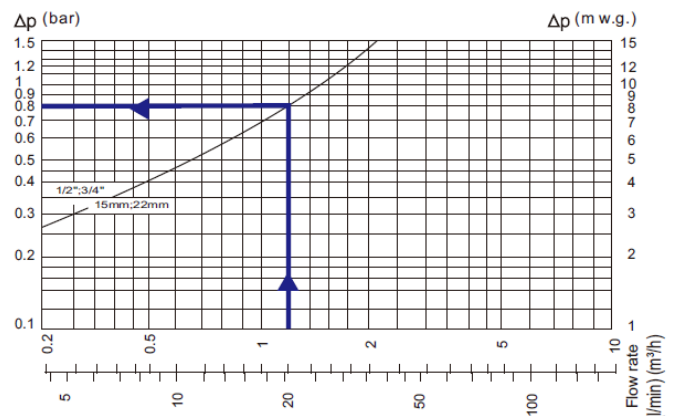
The valve must be installed such that the embossed flow direction arrow on the valve body matches the direction of flow in the pipe. For ease of servicing it is recommended to fit isolation valves upstream and downstream of the valve.

### Setting instruction:

This pressure reducing valve has been factory preset at 3 bar. Please refer to the diagrams below.

### Technical specification

Maximum inlet working pressure	16 bar
Setting range	1 bar—6 bar
Maximum water temperature	80°C
Pre-setting at factory	3 bar
Pressure gauge reading	0—10bar / 140psi
Pressure gauge connection	1/4" BSP
Fluid type	Water
Body material	Brass DZR (Chrome)



- 1) Close all outlets downstream of the valve.
- 2) Turn screw (A) anti-clockwise to reduce the downstream pressure.
- 3) Turn screw (A) clockwise to increase the downstream pressure.

### Care advice:

PRV's are supplied fitted with an inbuilt stainless steel strainer to protect the cartridge from system debris. It is recommended that this filter is periodically cleaned; this can be achieved with the valve in-situ.

### Procedure:

Close both inlet and outlet isolating valves. If isolating valves are not installed drain the system. Unscrew the black plastic cap carefully and using pliers pull the complete filter out. Clean with warm water, check and refit the cartridge by pushing back into the body. Re-install the plastic cap, spring and adjustment screw. Turn water back on and check the pressure setting.

Use the supplied pressure gauge at (B) to show the outlet pressure during adjustment. If required you can later remove the gauge and refit the supplied plug—as long as isolation valves have been fitted.