



Automatic By-Pass Valve

BPV22

Features

- Lockable adjustment knob
- 22mm compression fitting
- Improves system efficiency
- Reduces pump burn out
- Reduces system and boiler noise
- Allows for constant water circulation through the boiler/system when thermostatic radiator valves close

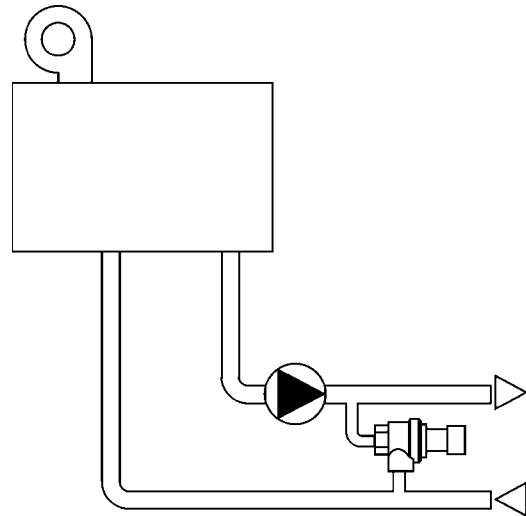
Use

By-Pass Valves are designed to be fitted in all heating systems where thermostatic radiator valves (TRVs) are installed so as to maintain a minimum flow rate in the system. When all TRVs are fully open the BPV (by-pass valve) will remain closed and the full boiler output will circulate through the system. As the TRVs close the BPV (by-pass valve) will start to open thus maintaining optimum flow rate through the boiler. Installing a BPV (by-pass valve) will minimise the noise and vibration often experienced when flow through the boiler diminishes. The BPV (by-pass valve) should be fitted between the flow and return side of every system. As the TRVs close, the by-pass valve opens to deliver supply water to the return line.

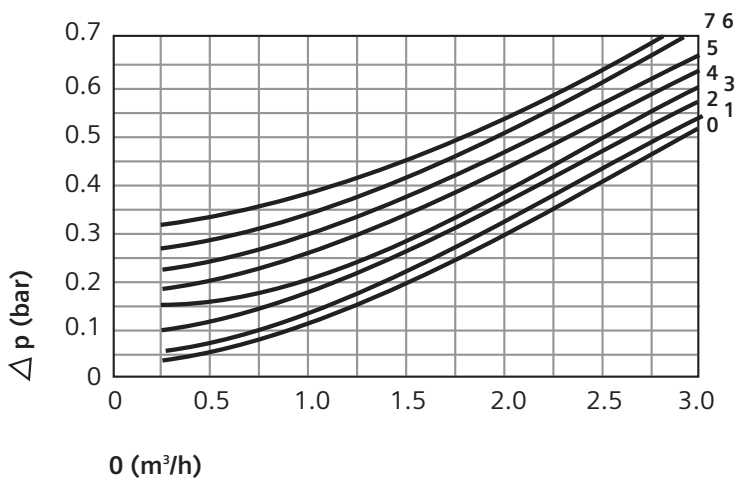
Technical Information

BPVs (by-pass valves) should be fitted after the pump (circulator) between the Flow and the Return (see scheme).

Do not use a spanner or wrench on the upper hexagonal part of the valve. Use hexagonal part below.



USVR16/22
Flow rate - Differential pressure



Technical Data

Fittings	22mm
Body	Brass B6
Maximum temperature	110°
Maximum pressure	6 bar

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