



ESABV22

22mm Auto Bypass Valve

- 22mm compression fitting
- Reduces system noise
- 16 bar maximum pressure
- 120°C intermittent temperature
- High capacity flow, up to 50 litres per minute
- Wide differential pressure range, 0.05 to 0.5
- Ensures a constant flow through the boiler
- Easy to use and quick to install



22mm Auto Bypass Valve

The ESABV22 is designed to maintain the water flow in central heating systems fitted with TRVs. They do this by maintaining the desired minimum flow rate through the boiler and limit circulation pressure when water paths may be closed.

The ESABV22 reduces system noise that may be caused from TRVs or zone valves closing, eliminates pump impeller wear that can result from high flow resistance, enhances the life of the boiler heat exchanger by ensuring minimum flow rate at all times, and saves energy by only allowing flow through the bypass when needed.

The use of an ABV is recommended by the UK Government as Best Practice in the CHeSS guide to central heating systems. Building Regulation advice states that if a bypass is installed, an ABV must be fitted.

Technical Data

Automatic Bypass Valve	ESABV22
Connections	22mm Compression Joints
Differential Pressure Range	0.05 to 0.5
Max Working Pressure	16 Bar
Working Temperature	120°C Intermittent