

INSTALLATION AND OPERATING INSTRUCTIONS

AUTOMATIC AIR VENT

Model 610

INSTALLATION

1. For efficient operation the auto air vent is best installed at high points in the pipework, it must be mounted vertically. The auto air vent is also designed to be installed in the tops of air purgers and air bottles.
2. Automatic shut off pockets must first be screwed into the tapping and then the air vent screwed into the shut off pocket. On subsequent removal of the air vent the automatic shut off pocket will close, and will prevent loss of water from the system.
3. Where an overflow pipe is to be fitted, this can be secured to the 1/8 BNSP threaded connection on the top of the air vent which is found after removal of the cap. Overflow pipes must be fitted in cases where damage to fabric of building is likely.
4. Fitting should be done using a spanner on flats provided. Do not tighten by holding and turning the vent body. This applies to overflow piping and shut off pocket.

OPERATION

Before filling the system with water ensure that the cap on top of the air vent is screwed down tightly.

After the system has been complete filled the cap should be loosened by two complete turns and any air in the system will then escape. Any future ingress of air into the system will be vented automatically.

Maximum operating pressure 6 bar.

Maximum operating temperature 110°C.

AIR PURGERS

Install the air purger horizontally in the flow pipe from the boiler or heat source, with the $\frac{3}{8}$ " BSP tapping for the automatic air vent at the top. The direction of flow through the air purgers is indicated by an arrow on it's side. Maximum operating pressure 6 bar.

Maximum pressure: Threaded $\frac{3}{4}$ " – 3" 100°C

Butt weldable 4" and over 110°C

NOTE: THREADED $\frac{3}{4}$ " – 3" AIR PURGERS HAVE ADDITIONAL TAPPINGS FOR ANCILLIARY EQUIPMENT SUCH AS PRESSURE GAUGES WHICH, IF NOT USED, MUST BE PLUGGED.

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