

Fig 100

AIR ELIMINATOR

Service Rating

Normal Working Pressure: 10 bar at 93°C
Test Pressure: 15 bar at ambient temperature

Mounting

The unit should be fitted at any high points in the heating system where air may collect. The unit should always be fitted in the vertical position, and siting should ensure as little vibration as possible.

Connections

Inlet screwed ½Rp to BS21, outlet screwed 3/8" BSP male to BS2779. Suitable outlet elbow can be supplied if required.

Installation

The unit should be mounted with the axis vertical (see diagram). **It is IMPORTANT to prevent possible seepage, that vent pipe work be connected to the outlet (optional elbow may be utilised) in order to discharge any air and water seepage to a suitable safe point.** The pipe work layout should allow for any future maintenance that be may required. In order to reduce maintenance it is recommended that a strainer is fitted prior to the inlet of the unit, this is especially useful if access to the unit is restricted.

Maintenance

If an isolator has been fitted, this should be closed using a suitable tool. Remove the discharge pipe work from the top of the unit and carefully unscrew the top cover using a suitable spanner. Withdraw the float and needle assembly from the body ensuring care is taken not to bang or stress the seating needle. Inspect the needle for debris or damage and rectify as necessary, inspect the needle seating within the head for any debris or damage, clean as necessary. Ensure the body is clean and free from debris before re assembly, at this stage it is wise to purge the system to avoid further problems. Assembly is the reverse of dismantling but care should be taken to ensure all parts are clean and any damaged seals are replaced as necessary. Before opening the isolating valve, it is essential the discharge pipe work be reconnected.

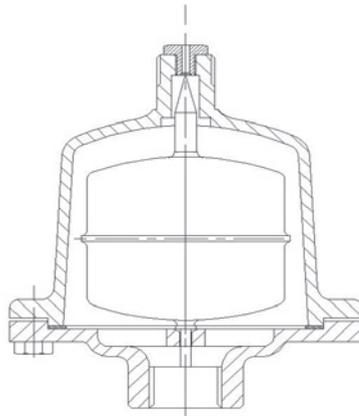


Diagram shown in vertical position

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