

Contents

| Section | Page |
|------------------------------|----------|
| 1.0 Introduction | 4 |
| 2.0 Site Requirements | 5 |
| 3.0 Installation | 6 |
| 4.0 Electrical | 8 |
| 5.0 Maintenance | 9 |

4.0 Electrical

4.1 Electrical Connections

230V 50Hz 100W max

1. Wiring must be via a 3A fused switched spur with a 3mm contact separation in each pole. The wiring should be suitably (Basec or Har) approved cable of appropriate current carrying capacity.

2. Ensure that the mains power supply is isolated prior to installation.

3. Remove the plug from the socket and connect incoming wires to the appropriate terminals (Figs. 7 & 8).

4. Replace plug into socket.

5. Slide the heat exchanger into the unit (Fig. 9).

6. Locate the connection spigot plate on to the front of the unit and secure with the four screws provided (Fig. 9).

7. Connect ducting to the 150mm spigots.

NOTE: Ensure the controller to be used is wired in accordance with the instructions supplied with the controller.

8. Switch on the mains electrical supply and check the operation of the unit.

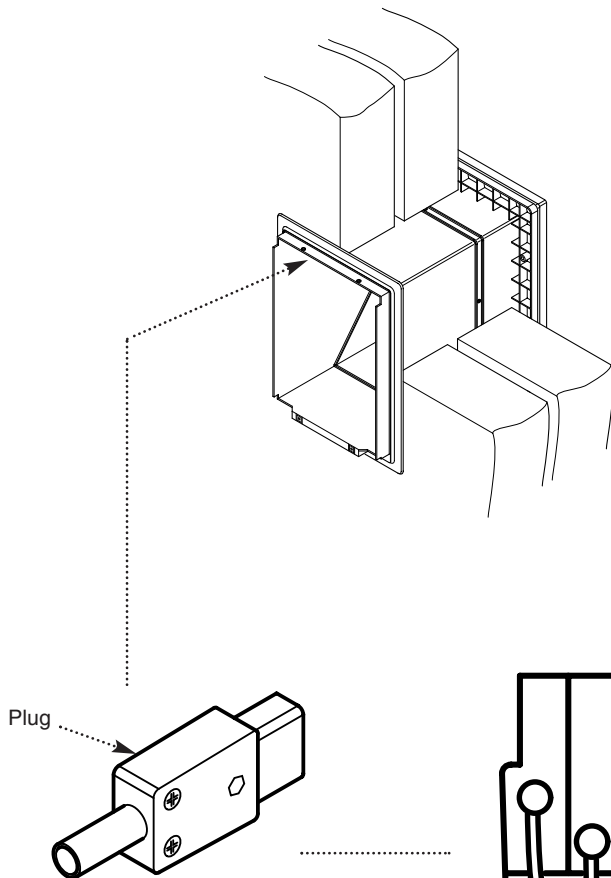


Fig. 7

Fig. 8

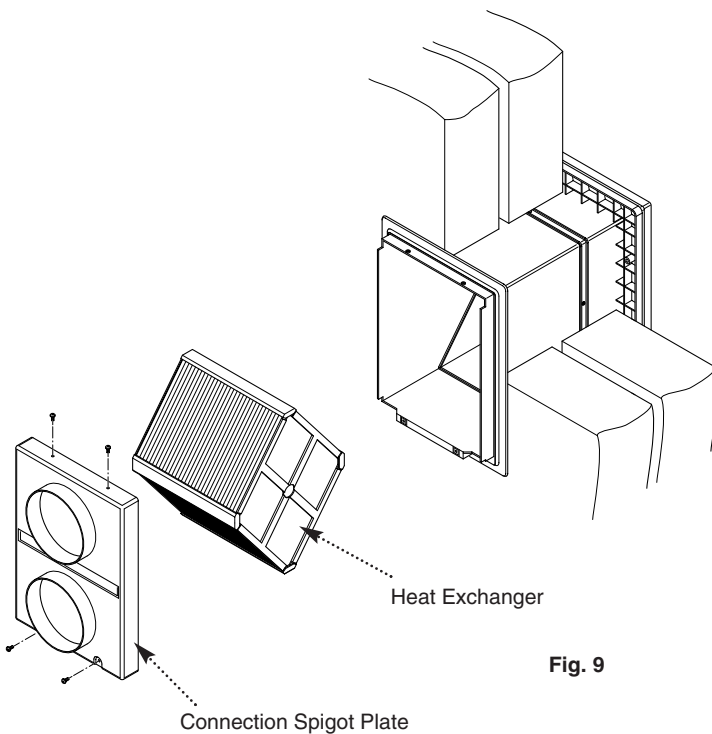


Fig. 9

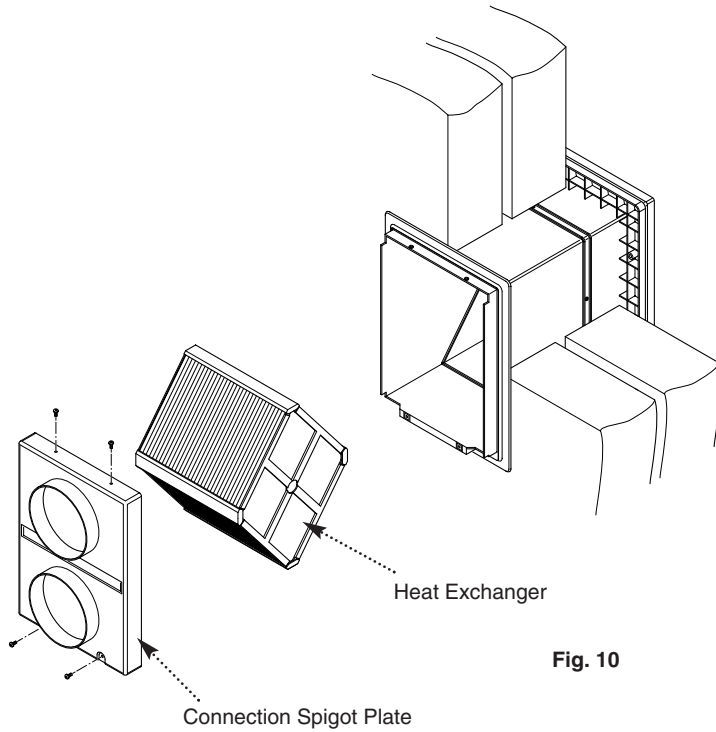


Fig. 10

5.0 Maintenance

5.1 Cleaning the Unit

1. To ensure optimum performance, the unit should be inspected every 6 months for build up of dust or debris and washed every 12 months or at periods determined by the level of contamination experienced and according to the following procedure.
2. Isolate the mains power supply.
3. Undo the four securing screws and remove the connection spigot plate (Fig. 10).
4. Slide out the heat exchanger (Fig 10). The heat exchanger should be washed in warm soapy water and dry thoroughly.
5. Reassemble in reverse order ensuring the heat exchanger is seated correctly.
6. Switch power supply on and check the operation of the unit.

NOTE: In heavy polluted internal environments it is recommended that internal grilles are fitted with simple washable filters (ESG150). These filters should be removed and washed on a regular basis (1-3 months) or as conditions dictate.

