



# HR600 SUPPLY & EXTRACT VENTILATION SYSTEM WITH HEAT RECOVERY USER'S INSTRUCTIONS

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## WARNING - THIS APPLIANCE MUST BE EARTHED

### 1. GENERAL INFORMATION

- 1.1 Warm, humid, stale indoor air flows through the heat recovery unit before being discharged to the outside. Cold incoming fresh air is heated by passing through the heat recovery unit before distribution to the various areas via ducting. The unit is controlled by a fan speed controller which varies the rates of extract of stale air, and the supply of fresh air.
- 1.2 Care must be taken to ensure that any flue gasses from fuel burning equipment are not drawn into occupied areas.
- 1.3 If any area where air is extracted contains a fuel burning appliance, such as a central heating boiler, then either:  
Its flue must be of the room sealed or balanced flue type, or  
Allowance must be made for an adequate supply of air into the area.

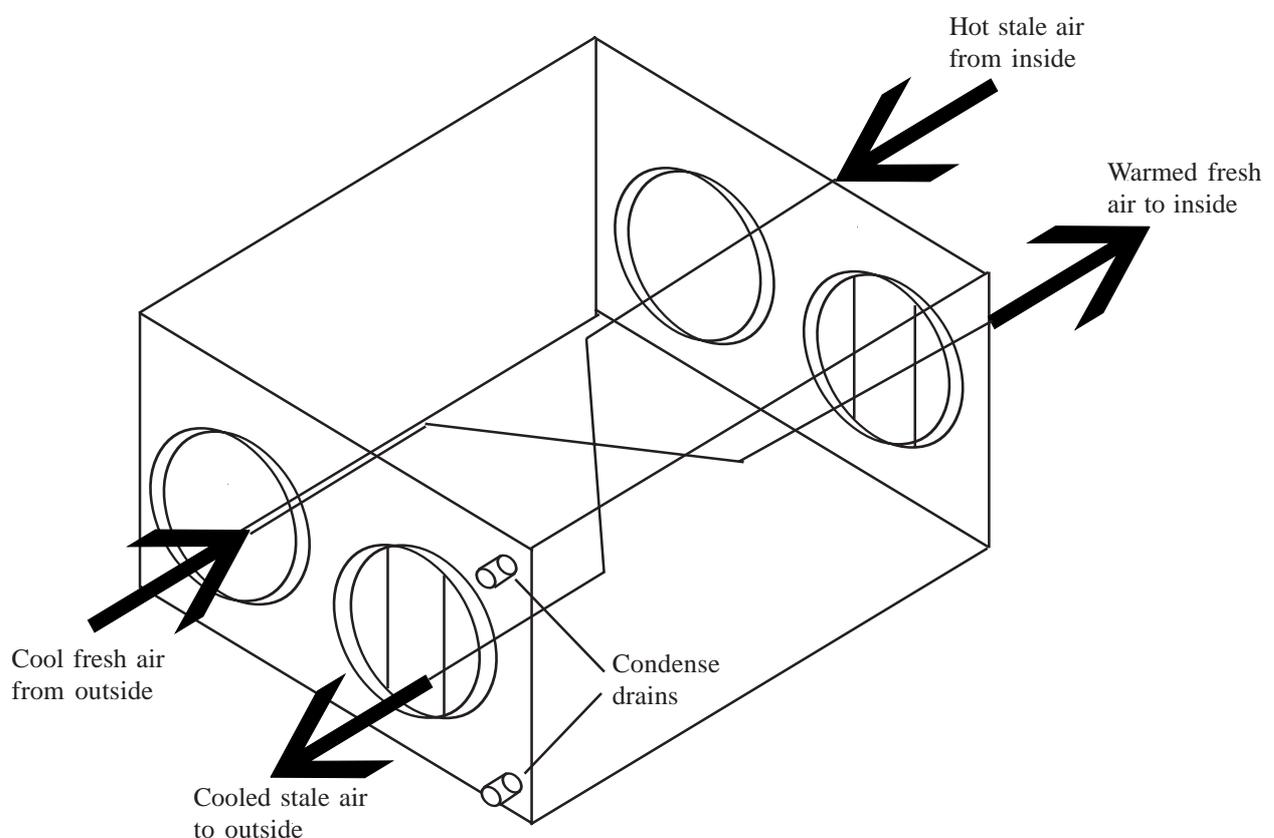
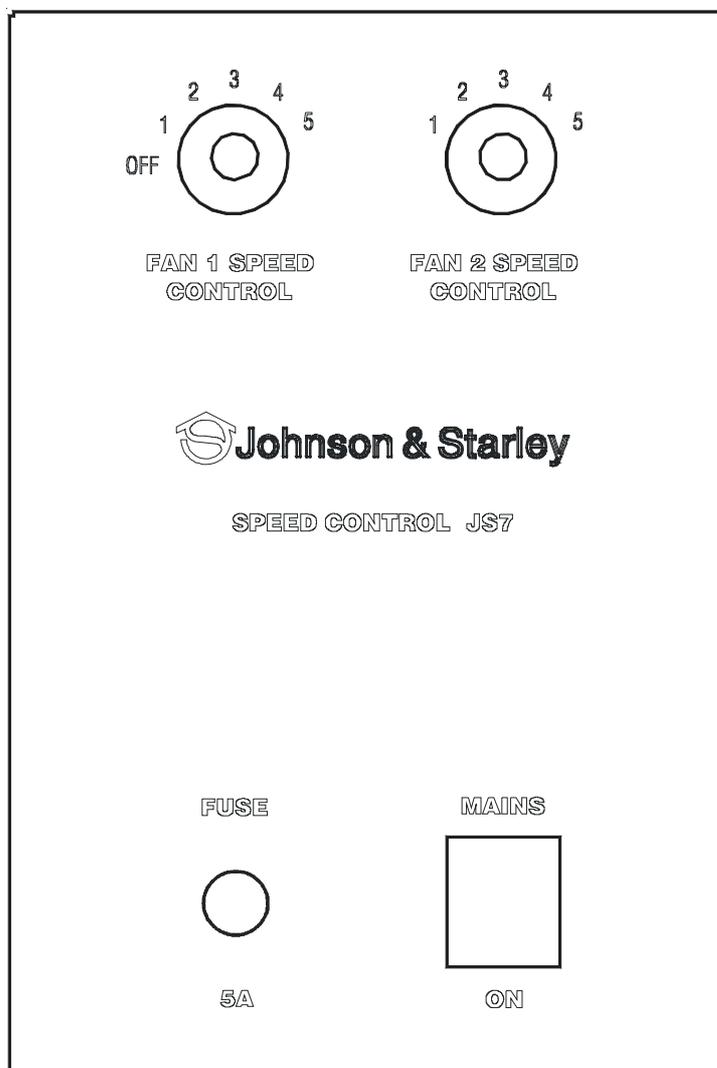


Fig. 1  
HR600 Heat Recovery Unit

### 2. OPERATION

- 2.1 Turn on the electrical supply to the appliance.
- 2.2 Set the 'MAINS' switch to 'ON', 'FAN SPEED CONTROLS' to the position recommended by the installation engineer to provide normal circulation.
- 2.3 To boost ventilation rates (i.e., to quickly expel foul air), set the 'FAN SPEED CONTROLS' clockwise to a setting which provides the desired boost. When the boost is no longer required, reset the 'FAN SPEED CONTROLS' to their original positions.
- 2.4 During periods when the premises are unoccupied, or when full circulation is not required, set the 'FAN SPEED CONTROLS' to '1' to conserve energy.
- 2.5 In warm weather, when heat recovery is not required, the 'FAN 1 SPEED CONTROL' may be set to 'OFF', thus only allowing the extract fan to operate, drawing fresh air in through open windows, etc.
- 2.6 To turn off the unit, set the 'MAINS' switch to 'OFF'.



**Fig. 2**  
**JS7 Remote Switch Unit Controls**

### 3.

#### CLEANING

**NOTE: It is important that the following instructions are observed:**

- 3.1 Every 2 months, check and clean the air filters/electronic air cleaner as follows:
- 3.1.1 Remove the screws securing the filter cover, and withdraw the cover.
  - 3.1.2 Withdraw the filter from its slides and clean by using a soft brush or vacuum cleaner.
  - 3.1.3 If electronic air cleaners are fitted, refer to the Cleanflow Instructions provided with that product.
  - 3.1.4 Refit the air filters/electronic air cleaners in reverse order to removal.

### 4.

#### MAINTENANCE

- 4.1 Maintenance of the HR600 unit is required annually. Contact your installer or the manufacturer for details.

### 5.

#### TROUBLESHOOTING

- 5.1 If your unit will not run:
- 5.1.1 Switch off the unit, unscrew the fuse holder and replace the fuse **using a fuse rated at 5A only**.
  - 5.1.2 Switch the unit on, and if the fuse blows immediately, or if the unit will not run, contact your installer or electrical engineer.

**In the event of this product being sold or ownership transferred, THESE instructions MUST be provided.**

**Johnson and Starley prides itself on its ability to supply spare parts quickly and efficiently. If your service engineer indicates a problem in obtaining a spare part, advise him to contact Johnson and Starley Spares Department at the address below.**

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