



# HR150 Mk.2, HR155 & HR250 VENTILATION and HEAT RECOVERY SYSTEM USER INSTRUCTIONS

Publication No. ZZ 712/5  
March 2003

## 1. HOW THE SYSTEM WORKS

Warm, humid, stale indoor air flows through the heat recovery unit before being discarded to outside. Incoming fresh air is heated by being passed through the heat recovery unit before being distributed to the various rooms via ducting. The unit is simply to control via a pair of switches. The first controls the fan speed, which varies the rate of extraction of stale air and supply of fresh air. The second enables you to stop the supply of incoming air, for example in very cold weather, and thereby use the unit in extract mode only.

### FOR YOUR SAFETY, PLEASE NOTE:

- 1.1 Care must be taken to ensure that flue gases from fuel burning equipment are not drawn into living areas.
- 1.2 If any room where air is extracted contains a fuel burning appliance, such as a central heating boiler, then the following must be noted.
  - 1.2.1 Ideally the flue should be of the 'room sealed' or 'balanced' type.
  - 1.2.2 If the appliance uses an 'open' flue, then allowance **MUST** be made for an adequate supply of air to the room.
  - 1.2.3 If you are in doubt, seek advice from a qualified, competent person (ie. CORGI registered).

## 2. HOW TO OPERATE THE SYSTEM

- 2.1 Turn the electrical supply on so that the unit starts to operate.
- 2.2 Set the NORMAL/BOOST switch to the '**NORMAL**' position on the fan speed control, (see Fig. 1). The unit will now operate at the minimum ventilation rate.
- 2.3 To increase the ventilation rate (e.g. when cooking), set the NORMAL/BOOST switch to the '**BOOST**' position on the fan speed control.
- 2.4 **FOR EXTRACT ONLY:** set the EXTRACT AND SUPPLY/EXTRACT ONLY switch to '**EXTRACT ONLY**'.
- 2.5 **TO TURN THE UNIT OFF:** turn off the electrical supply to the unit.

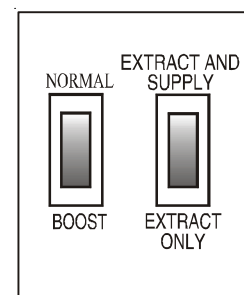


Fig.1  
SWITCH IDENTIFICATION

## 3. CLEANING

- 3.1 The only components of the HR unit that require regular cleaning are the extract filter and grilles. The grilles are push fit, which are simply pulled out and washed and then pushed back into place. The integral filters are exposed when the grilles are removed.

**NOTE: to ensure efficient operation of your HR unit, the extract filter and grilles should be cleaned monthly.**

- 3.2 When a cooker canopy extract is fitted, read the instructions provided with the canopy.

## 4. MAINTENANCE

- 4.1 Maintenance should be carried out by your installer, or your local authority/housing association contractor.

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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