

FV15 COOKER CANOPY
for use with:
HR150 HR155 & HR250
HEAT RECOVERY SYSTEMS
INSTALLATION and USER INSTRUCTIONS

Warning: Do not flambé whilst using this appliance!

The FV15 cooker canopy is part of a whole house mechanical ventilation system with heat recovery. You should read these instructions in conjunction with the instructions provided with the heat recovery unit.

WARNING - THIS APPLIANCE MUST BE EARTHED.

1. **HOW THE COOKER CANOPY WORKS**
- 1.1 Warm, humid, stale air from the kitchen is drawn through the cooker canopy by the exhaust fan of the heat recovery unit, before being discharged to the outside. The extract rate through the cooker canopy has three settings from trickle rate to maximum extract where the damper is fully open.
- 1.2 **IMPORTANT:**
 - 1.2.1 Care must be taken to avoid the dangers of flue gases from fuel burning appliances from being drawn into the living area.
 - 1.2.2 If the cooker canopy is fitted in a room containing a fuel burning appliance, such as a central heating boiler, then:
 - a. the flue of the fuel burning appliance must be either of the room sealed, or balanced flue type, or
 - b. allowances must be made for an adequate supply of air into the room.
 - 1.2.3 The exhaust from the cooker canopy must be connected to the heat recovery system and not discharged into any other flue that is being used for the exhaust of any fumes from fuel burning appliances.
 - 1.2.4 The requirement of all authorities and official bodies concerned with the discharge of exhaust air must be observed.

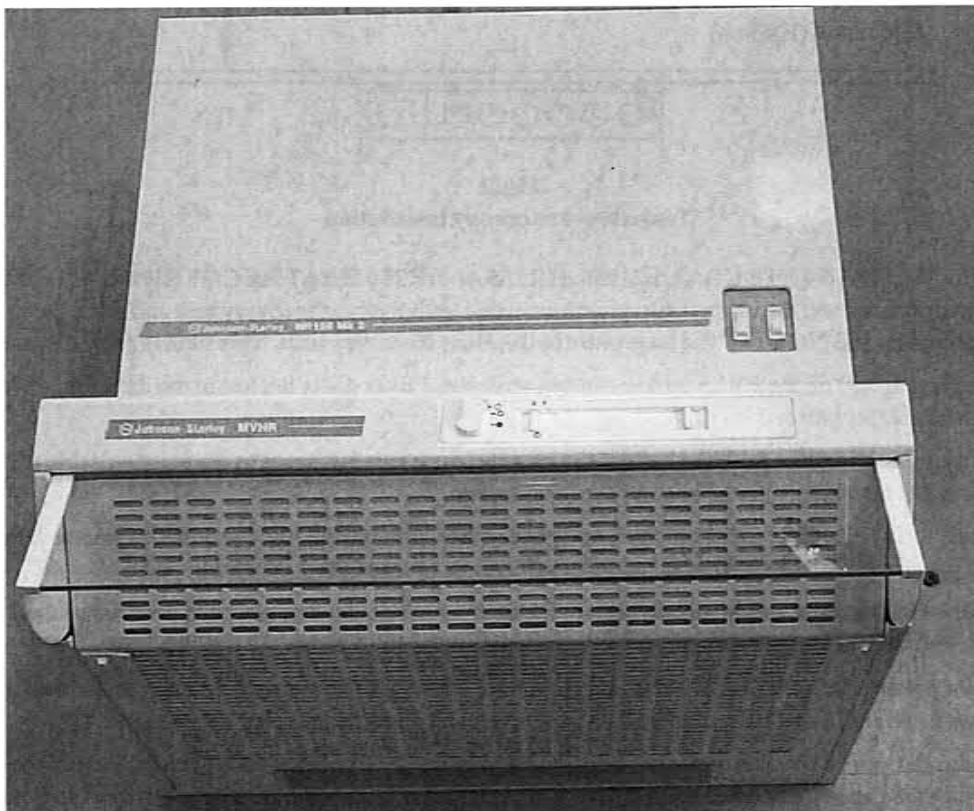


Fig. 1
FV15 Cooker Canopy

INSTALLATION

2.

- 2.1 The installation height is subject to local regulations, but **MUST NOT BE LESS THAN 450mm** from the top of an electric cooker, or 700mm from the top of a gas cooker.
- 2.2 A fused spur box, or double pole switch having a minimum contact separation of 3mm, must be fitted for isolation of the unit.
- 2.3 **INSTALLATION WITH A REMOTELY FITTED HEAT RECOVERY UNIT:**
- 2.3.1 Determine the location and height of the cooker canopy and using the template provided, mark off the 2 fixing hole positions identified as '1'.
- 2.3.2 **For masonry walls:** drill 2 x 7.5mm holes and secure the canopy in the required position to the wall using the plugs and screws provided.
- 2.3.3 **For surfaces other than masonry:** a purpose made fixing is to be used.
- 2.4 With the cooker canopy fitted in position, attach an approved fusible link fire damper to the top of the outlet spigot.
- 2.5 Connect the extract duct over the fire damper and spigot and secure in position.
- 2.6 Connect the pre-wired electrical cable to the fused spur or double pole switch, which is to be fused at 3A.

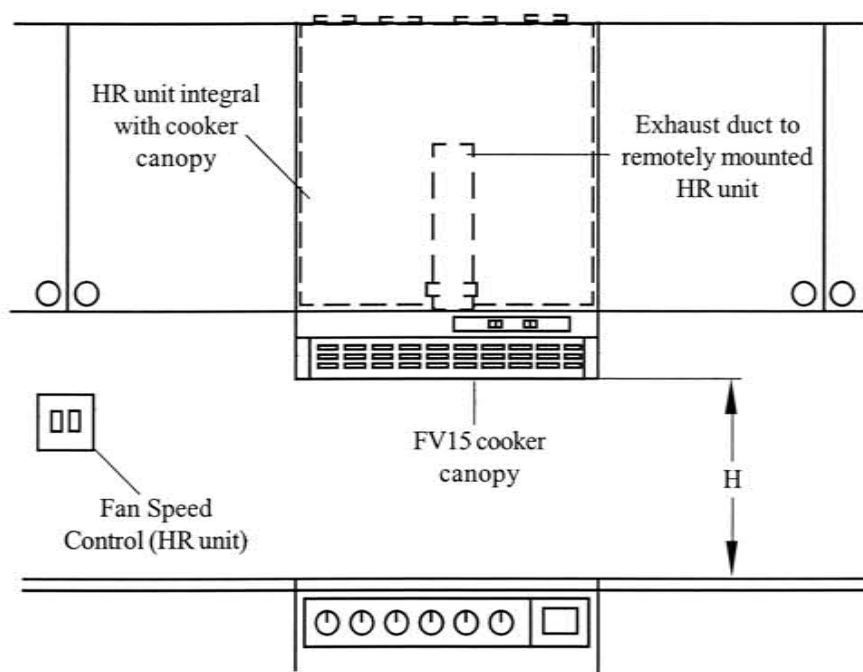


Fig. 2

Typical cooker canopy installation

- 2.7 **INSTALLATION WITH AN INTEGRAL HR150, HR155 or HR250 HEAT RECOVERY UNIT:** refer to the Installation, Commissioning and Servicing instructions provided with the heat recovery unit and fit in the predetermined position above the cooker. **DO NOT FIT the base plate to the Heat Recovery unit. This item is to be discarded!**
- 2.7.1 Raise the glass shield on the FV15 cooker canopy, slide the 2 filter grille latches in the direction of the arrows and hinge down the filter grille.
- 2.7.2 Remove the blind grommet from the base of the heat recovery unit (adjacent to the existing cable exit) and replace with a grommet provided with the heat recovery unit pack.
- 2.7.3 Gain access to the electrical panel on the heat recovery unit, remove the blind grommet from the left hand side of the electrical panel and replace with the remaining grommet from the heat recovery unit pack.
- 2.7.4 Offer up the FV15 cooker canopy to the base of the heat recovery unit and mark the position of the 2 x wall mounting keyholes. Remove the cooker canopy.
- 2.7.5 For masonry walls, drill 2 x 7.5mm holes and secure the canopy in the required position to the wall using the plugs and screws provided. For surfaces other than masonry, a purpose made fixing is to be used.
- 2.7.6 Referring to Fig. 3, drill 4 x 2.9mm holes as marked and fit the FV15 cooker canopy to the base of the heat recovery unit, feeding the canopy electrical cable through the grommets in the heat recovery unit base and electrical panel and secure the canopy to the heat recovery unit at the positions shown, using 4 x self tapping screws included in the HR unit kit.
- 2.7.7 Connect the cooker canopy to the heat recovery unit in accordance with the heat recovery unit Installation instructions.

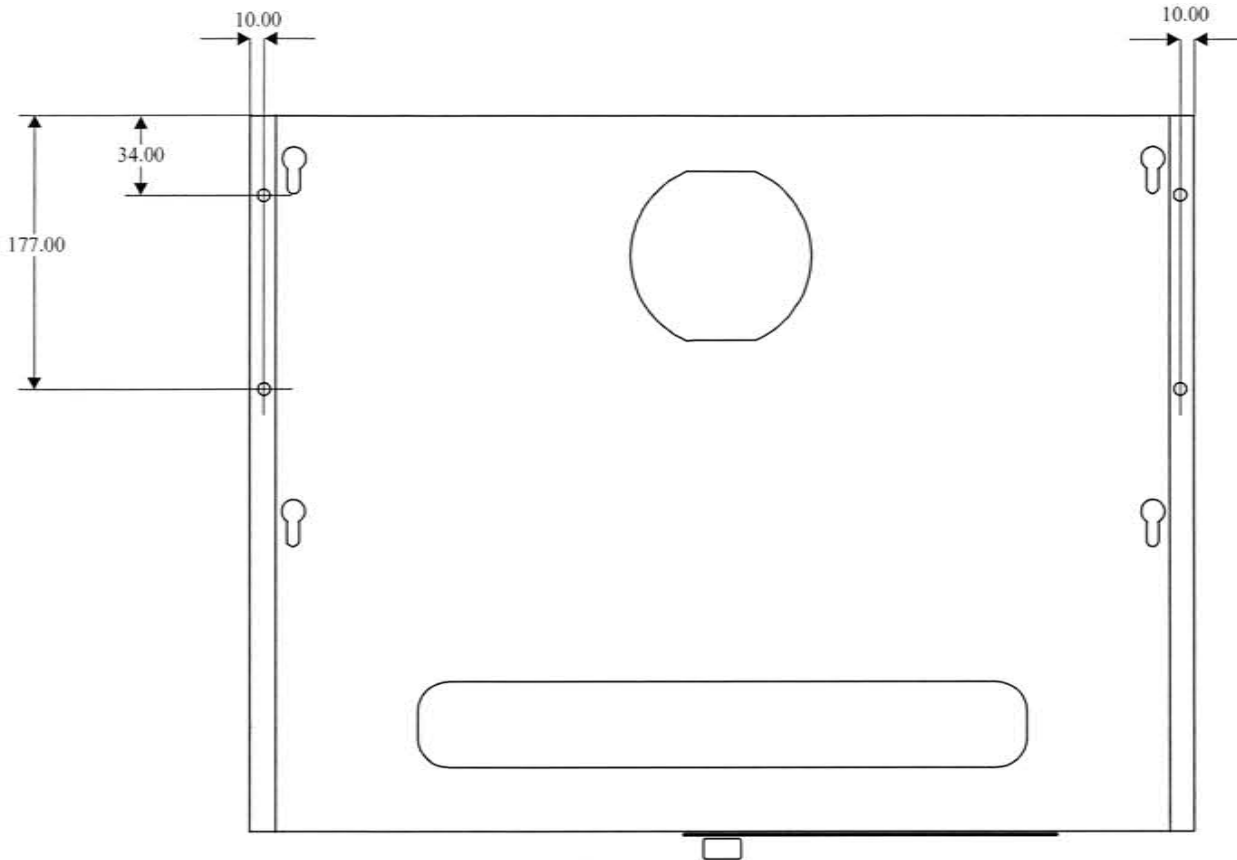


Fig. 3
Canopy fixing points

COMMISSIONING

- 3.
- 3.1 Raise the glass shield on the FV15 cooker canopy, slide the 2 filter grille latches in the direction of the arrows and hinge down the filter grille.
- 3.2 Switch on the electrical supply to the unit.
- 3.3 Switch on the heat recovery unit and ensure that air is being drawn through the cooker canopy.
- 3.4 Check that the damper control on the cooker canopy (fig. 4) operates the damper and set to the trickle rate.
- 3.6 Set the lamp switch (☼) to '1' (fig. 4) and ensure that both lamps illuminate.
- 3.7 Set the lamp switch (☼) to '0' (fig. 4) and ensure that both lamps extinguish.
- 3.8 Hinge up and secure the canopy filter grille.

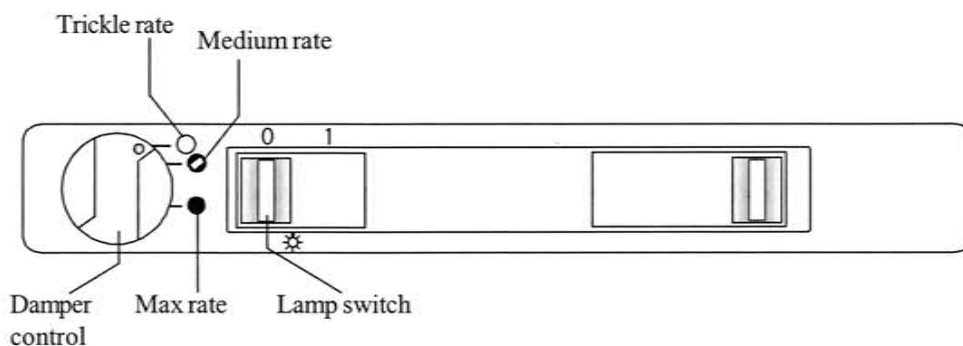


Fig. 4
Cooker canopy controls

4. OPERATION

- 4.1 The cooker canopy will not extract unless the heat recovery unit is operating.
- 4.2 **FOR NORMAL VENTILATION:** the glass shield should be closed.
- 4.3 **FOR INCREASED VENTILATION:** set the damper control to medium or maximum rate.
- 4.4 **WHEN COOKING:** open the glass shield.
- 4.5 **COOKER TOP LIGHTING:** set the lamp switch (-ⓘ-) to '1'.

5. CLEANING

- 5.1 **WARNING: Cleaning instructions must be followed to prevent danger of fire!**
- 5.2 Cleaning of the cooker canopy and inspection of the filter must be carried out at least once per month, but ideally on a weekly basis. Contamination of the filter will depend upon the amount and type of cooking, but it is recommended that the filter be changed approximately every 4 months, or when heavily contaminated.
- 5.3 **Filter Access:** raise the glass shield on the FV15 cooker canopy, slide the 2 filter grille latches in the direction of the arrows and hinge down the filter grille.
- 5.3 Replacement filters can be ordered using J&S Part No. S00981.
6. **LAMP REPLACEMENT:**
- IMPORTANT: The maximum wattage for each lamp is 40W.**
- 6.1 Isolate the power supply to the cooker canopy
- 6.2 Raise the glass shield on the FV15 cooker canopy, slide the 2 filter grille latches in the direction of the arrows and hinge down the filter grille.
- 6.3 Unscrew the lamps to remove them from their holders and fit new lamps.
- 6.4 Replacement lamps can be ordered using J&S Part No. S00980

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.

Telephone: 01604 762881

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