

## HCF Ceiling Fan

Installation and Maintenance Instructions.

**THESE INSTRUCTIONS MUST BE READ FULLY BEFORE COMMENCING INSTALLATION.**

**Owner / installer:** The life of this apparatus and its efficiency will be increased if its use and maintenance is carried out in accordance with these instructions and current statutory requirements. The installation and initial adjustments should be carried out by a qualified and competent technician. Hydor Limited should be consulted before substituting or fitting parts from another manufacturer. It is the responsibility of the installer to verify that the installation is in accordance with the following standards and the owner is given the current User's Manual.

**Any modifications to the fan or its installation, even the smallest modification, change or elimination of security components or pieces that influence the efficiency or loss of ventilation, will result in the CE Certification and Hydor's warranty being cancelled.**

All sizes are supplied with 2 downrod lengths 400mm downrod fitted giving 610mm overall drop (from ceiling to base of motor body) 150mm downrod supplied loose giving 360mm overall drop (from ceiling to base of motor body).

### **1. General**

- 1.1 The fan must be sited and connected in accordance with current IEE regulations (UK) or the appropriate standards in your country.
- 1.2 This appliance must be earthed.
- 1.3 The appliance is not intended for use by young children or infirm persons without supervision.
- 1.4 Young children should be supervised to ensure that they do not play with the appliance.
- 1.5 Check that the voltage and frequency on both the fan motor and controller (if fitted) rating labels correspond with your electrical supply.
- 1.6 The installation must be provided with a double pole isolator switch having a contact separation of not less than 3mm and protected with a 5 Amp fuse (UK).
- 1.7 Ensure that the safety wire is connected to the J-hook bracket before operating the fan.

## 2. Installation

**Ensure that the mains supply is isolated before proceeding**

- 2.1 Decide on the position the fan is to be sited; it must be a minimum of 2.3m from the floor to the lowest point on the fan. (A shorter 150mm long downrod is supplied with the fan if required. Refer to the section on installing the shorter downrod).
- 2.2 Fix the ceiling J-hook (supplied) firmly to a timber joist or concrete ceiling with the screws supplied (or similar). Ensure that the fixing bracket in the ceiling is able to support a hanging weight of 15kg minimum. (Fig A)
- 2.3 Fit the three blades to the fan body. (Fig B)
- 2.4 Hang the fan on the hook with the safety wire, then hook up the fan on the black rubber roller making sure that all wires are clear.
- 2.5 Connect supply wires to the fan using the terminal block at the top of the downrod. (Fig C)
- 2.6 Secure upper canopy with screws fitted to cover the wiring connections.
- 2.7 Tighten all screws including the earth connections.
- 2.8 Switch on supply and check fan function.

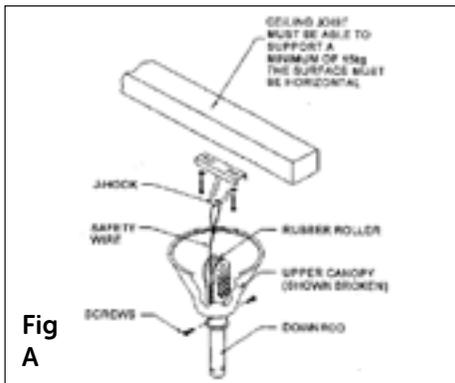


Fig A

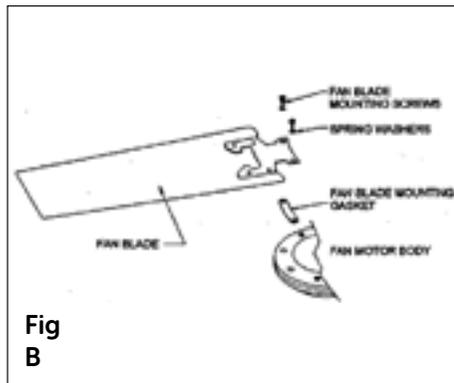


Fig B

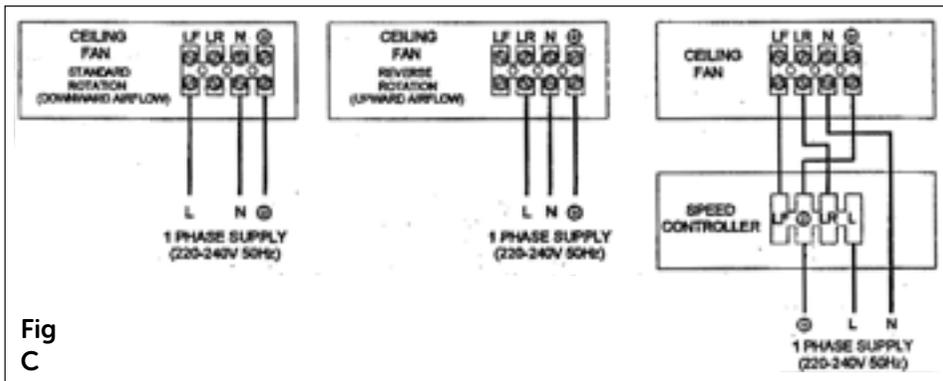
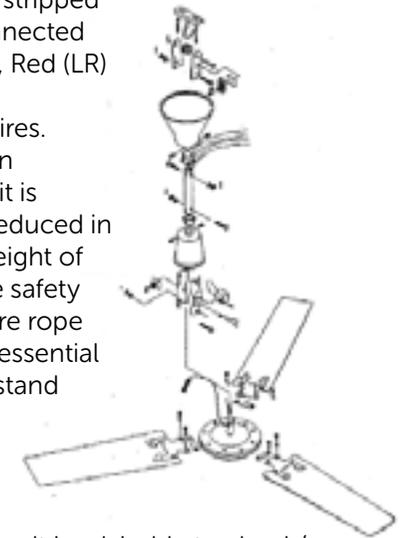


Fig C

## 3. Instructions for changing to shorter 150mm downrod

**Ensure that the mains supply is isolated before proceeding**

- 3.1 Loosen the lower canopy screws and slide the canopy up the downrod.
- 3.2 Disconnect the Brown (LF), Red (LR) and Blue (N) wires, which run up the downrod from the lower terminal block located just above fan motor body.
- 3.3 Disconnect the Earth (Green/Yellow) wire from the lower mounting bracket which also runs up inside the downrod.
- 3.4 Carefully remove the split pin and the downrod securing bolt.
- 3.5 Loosen the upper canopy screws and slide canopy down the downrod.
- 3.6 Carefully remove the split pin and downrod securing bolt and then disconnect the Earth wire.
- 3.7 Carefully remove the existing downrod passing the disconnected feed wires through the rod along with the safety wire.
- 3.8 Replace with the 150mm long downrod supplied.
- 3.9 Pass the feed wires through the new Rod along with the safety wire.
- 3.10 Replace the upper and lower downrod securing bolts and split pins.
- 3.11 The feed wires will need to be cut and stripped to suit the shorter rod and then re-connected to the lower terminal block Brown (LF), Red (LR) and Blue (N).
- 3.12 Re-connect all Earth (Green/Yellow) wires.
- 3.13 Because the shorter downrod has been required for our particular installation, it is recommended that the safety wire is reduced in length to protrude 75mm above the height of the 150mm downrod. The loop for the safety wire will need re-making by using a wire rope grip or crimp (Supplied by others). It is essential that the new safety wire loop will withstand the weight of the fan in the event of it falling.



### Important

All fixings must be tight before operating the fan. It is advisable to check/inspect all the fixings annually, and re-tighten as necessary.

This fan is guaranteed for one year from the date of purchase against faulty material or workmanship. In the event that any part is found to be defective please contact your local supplier stating the nature of the fault and providing evidence of the date and source of purchase.

## **Guarantee**

Hydor or its agents will, within a period of one year from the date of dispatch from their works, at its option, replace any goods, which are proven to have defects as a result of defective materials or workmanship. The goods must be inspected by a Hydor official and if necessary returned, with a Returns Note Number, carriage paid, for further examination.

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