



# Ceiling Fans

A breath of fresh air



## INSTALLATION INSTRUCTIONS

Dear Customer

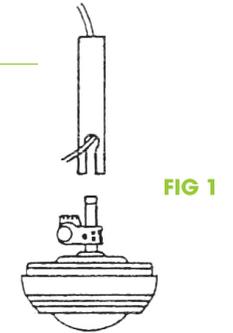
Thank you for purchasing a Solent ceiling fan. Please read through this installation instruction sheet to assist you with the installation of your ceiling fan.

### 1. PRECAUTIONS

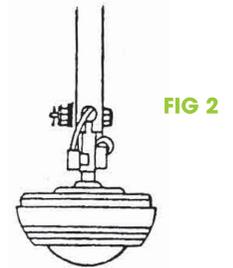
- 1.1 Remove the packaging and check the contents to make sure that **nothing is damaged or missing**.
- 1.2 **Read all the instructions** carefully and **study the wiring diagram**.
- 1.3 Ensure that the **supply power is isolated** before assembling and installing the ceiling fan and wall regulator/remote.
- 1.4 Check that your **electrical voltage and frequency correspond** to those on the ceiling fan rating label.
- 1.5 Regulations stipulate that the **installation and wiring must be carried out by a qualified and licensed electrician**.
- 1.6 Attach the fan to a stout beam or an equivalent firm fixing position.
- 1.7 The fan must be **mounted with a minimum of 2300mm clearance** from the bottom of the motor to the floor.
- 1.8 **Do not use water or detergents when cleaning** the fan or fan blades. A dry dust cloth or a lightly dampened cloth will be suitable for most cleaning.
- 1.9 **Do not use solid state electronic variable regulators** with the Solent fans, they will cause the fans to **make a whinning noise**.

### 2. INSTALLATION AND WIRING INSTRUCTIONS

2.1 **Cut three lengths of 1.5mm (Earth, Neutral, Live) supply leads** and pass the three wires **through the down rod** from the split hole and **take the ends out from the top side** as shown. (FIG 1)



2.2 **Slide the down rod over the motor shaft** and insert the **bolt through the down rod and shaft hole**. Place the **washer, spring washer** and **tighten the nut**.



Pass the **split pin through the hole** in the bolt and **spread the projected ends**. (FIG 2)

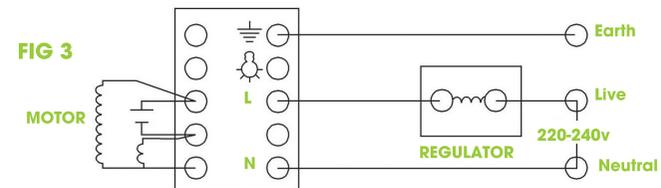
2.3 **Connect the supply lead wires** as per the wiring diagrams.

- a) **Secure the wiring** so that they **do not touch the motor**.
- b) The **remote receiver must be installed into the ceiling canopy** and not in the canopy that sits onto the motor.

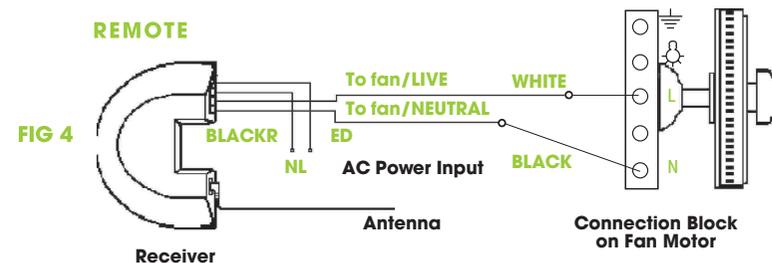
2.3.1 **Forward Direction connection (downward airflow)** (FIG 3 &4)

#### REGULATOR

##### CONNECTION BLOCK IN MOTOR



#### REMOTE



2.3.2 Forward and Reverse Direction connection (upward airflow) (FIG 5&6)

**REGULATOR**

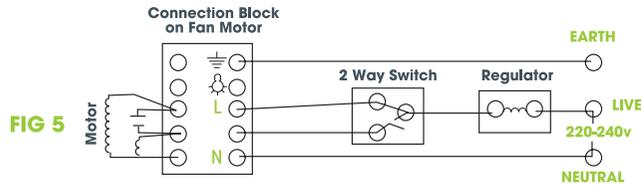


FIG 5



**REMOTE**

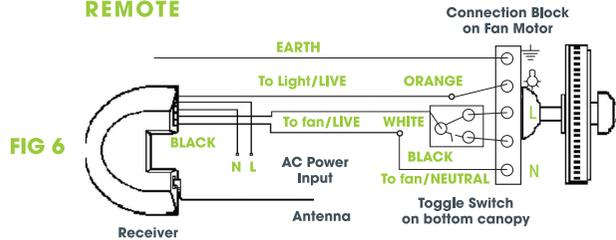


FIG 6



Forward/reverse toggle switch

2.3.3 Under light connection (FIG 7&8)

The light kit wires must be clamped into position in the light kit base.

**REGULATOR**

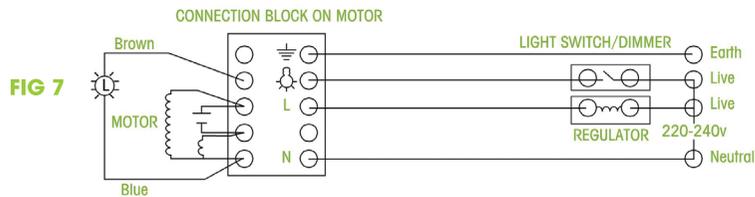


FIG 7



**REMOTE**

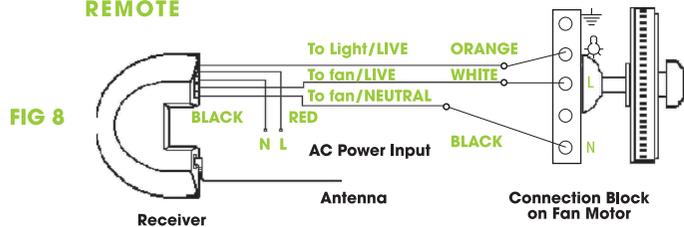


FIG 8

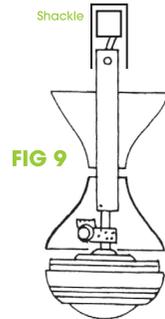


FIG 9

2.4 Slide bottom canopy cover over the down rod and tighten the grub screw leaving approximately a 3mm gap above the motor. Slide the top cover over the down rod and fix the shackle to the down rod.

(FIG 9)

2.5 Fix the "U" hook to the firm ceiling fixing position. (FIG 10)

2.6 For sloped ceilings build a landing that provides a horizontal mounting surface. (FIG 11)



FIG 10

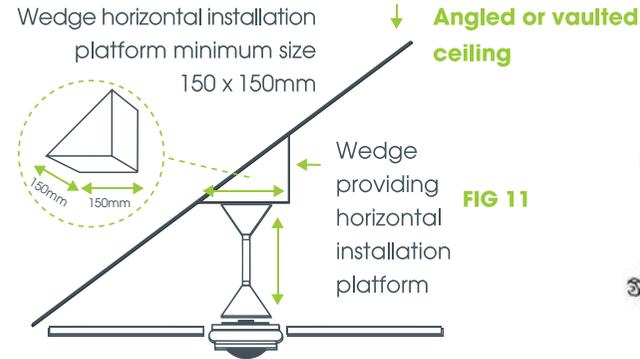
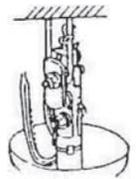
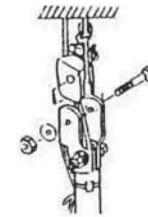


FIG 11

FIG 12

FIG 13



2.7 Pass the shackle insulation through the "U" hook.

2.8 Align the down rod and shackle insulator and pass the bolt through matched holes and tighten the nut in the sequence shown in the diagrams above. (FIG 12)

2.9 Connect the fan supply lead wires to the electrical installation supply wires. Slide the top canopy up against the ceiling and tighten the grub screw. (FIG 13)

**3. INSTALLATION OF THE BLADES**

3.1 Attach the blades to the motor only after the motor has been securely fixed to the ceiling.

3.2 Put the leatheroid paper between blade shank and fan motor and tighten the screws and spring washer.

3.3 Take care while handling the blades and do not install the blades the wrong way up. (FIG 14)

**4. INSTALLATION OF BLADE RING FOR 4 BLADES**

4.1 Place the 4 blade ring (FIG 15) on to the motor and rotate it until the three holes match with three holes on the motor.

4.2 Fix the blade ring to the top of the motor with the three screws supplied. Fit the blades to the blade ring. (FIG 15)



FIG 15

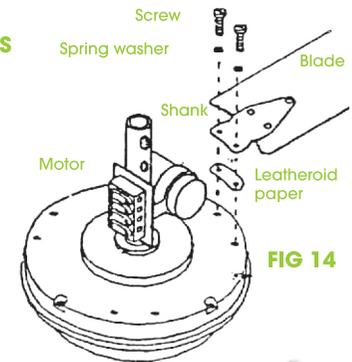


FIG 14

