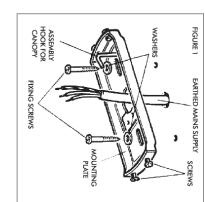
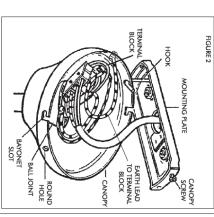


# ASSEMBLY & FITTING INSTRUCTIONS

## CEILING FAN







## IMPORTANT

Please read these instructions carefully before attempting to install this ceiling fan. It is also advisable to keep these instructions in a safe place for future reference. Before installing and using this ceiling fan, read the list of Do and Don'ts on Page 3.

with an electrical self-certification scheme. Further information is available online or from If in any doubt, or where required by the law, consult a competent person who is registered your Local Authority. For your safety, this product must be installed in accordance with local Building Regulations

### CAUTION

Do not use the ceiling fan and open gas heating appliances in the same room at the same time. It is important that the correct electrical connections are made and that the mounting plate is fitted to an adequate ceiling support. Ceiling fans are heavy, so it is important that they should be suspended This product must be installed in accordance with national building regulations. securely. If in any doubt about the installation of this product consult a qualified electrician.

### LOCATION

When deciding on the location for your ceiling fan, make sure that there will be plenty of room for the rotation of the fan blades and that no obstacles are likely to get in their way. The distance between the fan blades and the floor should be at least 2.3 metres (71/2feet).

### UNPACKING

the polystyrene cover, or on a soft padded surface to protect it during the installation procedure. Remove the upper polystyrene cover from the box. Take the motor out of the box and place it on

## CEILING FAN CONTENTS LIST

- 4 x Mounting plate screws and washers 2 x Mounting plate fixing screws and washers x Mounting plate
- 4 x Reversible fan blades 1 x Fan body with pre-fitted downrod 1 x Ceiling canopy
- 4 x Fan blade holder arms
- 13 x Screws, washers and nuts for fitting blade to holder arms to fan blade
- 8 x Screws and washers for fitting blade holder arms to fan body
- 3 x Lamp shade securing screws 1 x Lamp shade
- x Pull chain for speed control with
  x Pull chain for light control

## TOOLS AND MATERIALS REQUIRED

Step ladder Insulating tape Crosshead and slotted screwdrivers

## INSTALLING THE MOUNTING PLATE

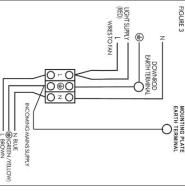
Unscrew the four screws on the ceiling canopy to release the mounting plate. (See Figure capable of safely and securely holding the moving weight of the fan. Note that additional two wood fixing screws and washers supplied. The support for the mounting plate must be 1). Secure the mounting plate to a ceiling joist, or equally secure ceiling structure using the strengthening of the joist might be necessary.

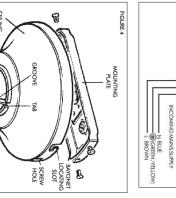
For best fan performance and safety, make sure the mounting plate is fitted to a level ceiling joist or ceiling support. If the mounting position is not level, hard packing material should be used to make the plate level

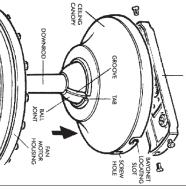
## **INSTALLING THE FAN**

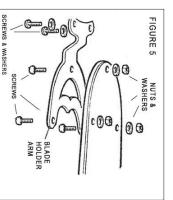
mounting plate (See Figure 2). With the fan suspended in this manner you can now make the appropriate electrical conections. See the CONNECTION TO THE LIGHTING CIRCUIT section below. In addition, the Green and Yellow Earth wire from the ball joint Engage one of the screw holes at the top of the ceiling canopy with the hook on the must be connected to the Earth terminal in the terminal block supplied

4. When the electrical connections have been made, take the fan off the hook. Slide the ceiling canopy entry hole tab. Slide the bayonet slots on the ceiling canopy onto the screws at either end of the mounting plate, secure with the four screws provided (See Figure 4) ceiling canopy up the downrod, making sure that the ball joint groove engages with the









## CONNECTION TO THE LIGHT CIRCUIT

Fan and light controlled by independent wall switches. (Not supplied) Fan controlled by pull switch, light controlled by wall switch. (Not supplied) Ensure electricity is switched off at the mains before installing or maintaining this fitting. The ceiling fan can be installed to operate in several different modes: 1. Fan controlled by pull switch, light controlled by pull switch.

means of wiring the ceiling fan (mode 1 above) use the following procedure: you are not sure how to wire the ceiling fan consult a qualified electrician. For the basic Any switches connected to the ceiling fan must conform to the necessary British Standard. If

code for wiring. (Figure 3). the wires from the lighting circuit to the terminal block connector using the following colour This ceiling fan must be installed in accordance with current IEE wiring regulations. Connect

Brown or Red (Live) to the terminal marked L. Blue or black (Neutral) to the terminal marked N.

Green/Yellow or Green (Earth) to the terminal marked

terminal block. Ensure that mounting plate earth terminal is securely connected to the earth pole of the

terminal block. Cover the terminal block with insulating tape. Ensure that all electrical conections are tight and that no loose strands are left out of the

connection. Ask a qualified electrician to provide an Earth facility. Earth. Under no circumstances should you wire up this fitting without using an Earth Warning: If there are only two wires in your existing mains wiring, this means that there is no

disconnection with a separation of at least 3mm The power supply must incorporate a 5 amp fuse and must have means of a double pole

## ASSEMBLY OF THE FAN BLADES

1. Attach the fan blades to the blade holder arm. Three screws, washers and nuts supplied should be used to attach each blade to each blade holder arm (See Figure 5).

2. Attach the other end of the blade holder arm to the fan motor housing using two screws and washers supplied, for each blade holder arm (See Figure 5).

flush with the fan motor housing. These screws should be firmly fitted and the blade holder arm must seat itself completely

## SPEED CONTROL

A pull chain switch controls the three speed settings. The operation of the switch follow this order: OFF, HIGH SPEED, MEDIUM SPEED, LOW SPEED and OFF (See Figure 6).

## **REVERSE CONTROL**

fan must be switched off before this slide switch, located on the side of the switch

housing, is operated. (See Figure 6). Switch upwards for REVERSE winter operation.

Switch downwards for FORWARD summer operation.

## INSTALLING LAMP SHADE

Insert max.30W E14 bulb or 6W SES LED Golfball (not included) into the lampholder.

- Secure lamp shade to the switch housing using the screws supplied. Be careful not to over Do not use a higher wattage lamp.
- The light is switched on and off by the use of the pull chain switch on the side of the switch housing (See Figure 6). -tighten these screws - hand- tighten only (See Figure 7).

### CLEANING

water or moisture gets into the ceiling fan. Do not use water to clean the ceiling fan. Wipe with a soft dry cloth or use a soft brush to remove dust. Care should be taken that no

Do not use metal polish or abrasive cleaning materials on any part. A small amount of furniture polish can be used to clean the fan blades. When cleaning the fan blades do not apply too much pressure on them. It is recommended that you support the ends of the fan plades when you clean them.

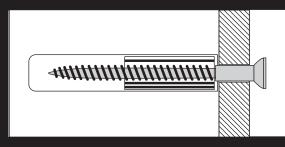
The fan motor is permanently lubricated so it does not require additional oil or maintenance.

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### A Guide to

### Wall Mounting & Fixings



#### **IMPORTANT:**

When drilling into walls always check that there are no hidden wires or pipes etc. Make sure that the screws and wall plugs being used are suitable for supporting your unit. Consult a qualified tradesperson if you are unsure.

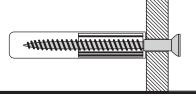
#### HINTS:

- 1) General Rule 🖄 Always use a larger screw and wall plug if you are not sure.
- 2) Ensure you use the recommended drill bit to match the wall plug and hole size.
- 3) Ensure you drill the hole horizontally, do not force the drill or enlarge the hole.
- 4) Take extra care when drilling high walls, ceilings and ceramic tiles. Ensure the plug is fitting below the ceramic tile to avoid splitting or cracking.
- 5) Ensure wall plugs are well fitted and are a tight fit in the drilled hole.

#### **Types Of Walls**

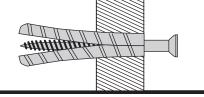
You can use one of the following types of wall plug if your walls are made of brick, breeze block, concrete, stone, wood or plaster board.

#### No.1 "Standard" Wall Plug General Wall Materials



These come in various sizes and are made from plastic or sometimes wood fiber.

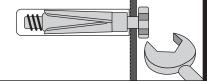
#### No.2 "General Purpose" Wall Plug Aerated / Breeze Block



Generally aerated blocks should not be used to support heavy loads, use a specialist fitting in this case.

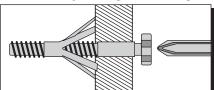
For light loads, a General Purpose Plug can be used.

#### No.3 "Shield Anchor" Wall Plug Heavy Loads



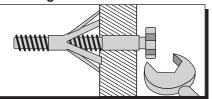
For use with heavier loads such as TV & HiFi Speakers and Satellite Dishes etc.

#### No.4 "Cavity Fixing" Wall Plug

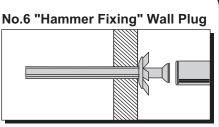


For use with plaster board partitions or hollow wooden doors.

#### No.5 "Cavity Fixing - Heavy Duty" Wall Plug



For use when fitting or supporting heavy loads such as shelving, wall cabinets, coat racks.



For use with walls stuck with plaster board. The hammer fixing allows it to be fixed to the wall rather than the plaster board. Always check the fixing is secure to the retaining wall.

#### **CARE & MAINTENANCE**



Always check the fitting and location to ensure your safety in and around the home.

### FITTING

From time to time check the fitting to ensure the wall plugs or screws do not become loose.