Owner's Manual

HR Hanger System

HR Hanger System

DR Hanger System

Model: **CAN 3D**

(Plywood / ABS Blade)

SPIN

(Plywood / ABS Blade)

WARNING: Read and follow these instructions carefully and be mindful of all warnings shown throughout.

READ AND SAVE THESE INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, PLEASE OBSERVE THE FOLLWING:

1]. To ensure the success of the inatallation, be sure to read the instructions and review the diagrams thoroughly before beginning.

2]. To avoid possible electric shock, be sure electricity is turned off at the main power box before wiring.
All electrical connections must be made in accordance with local cods, ordinances and/or the national electric code.
If you are unfamiliar with the methods of installing electrical wiring and products, secure the services of a qualified and licensed electrician as well as someone who can check the strength of the supportive ceiling members and make the proper installations and connections.

3]. Make sure that your installation site will not allow rotating fan blades to come in contact with any object.
Blades should be at least 2.3m from floor when fan is in operation.

4]. If possible, mount ceiling fan on a ceiling joist - the joist must be able to support the motion and weight of the moving fan.
Ifthe fan will be mounted on a ceiling outlet box, a 4" x 2-1/8" deep METAL octagon box is required; one UL listed as " suitable for fan support " .
The box and its supproting members must not be able to twist or work loose.
DO NOT USE PLASTIC BOXS.
Installation on a concrete ceiling should be performed by qualified personnel.

5]. Blades should be attached after motor housing is hung and in place.
Fan motor housing should be kept in carton until ready to be installed to protect its finish.
If you are installing more than one ceiling fan, make sure that you do not mix fan blade sets.

6]. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box.
The wires should be spread apart with the grounded conductor and the equipment - grounding conductor on one side of the outlet box and the "HOT" wires on the other side.

7]. Electrical diagrams are for reference only .
Light kits that are not packed with the fan must be UL listed and should be installed per the light kit's installation instructions.

8]. After fan is completely installed, check to make sure that all connections are secure to prevent fan from falling and/or causing damage or injury.

9].The fan can be made to work immediately after installation - the bearings are adequately charged with grease.
So that, under normal conditions, further lubrication should not be necessary.

10].The fan must be turned off and stopped before reversing fan direction.

11].This fan is suitable for indoor location use.

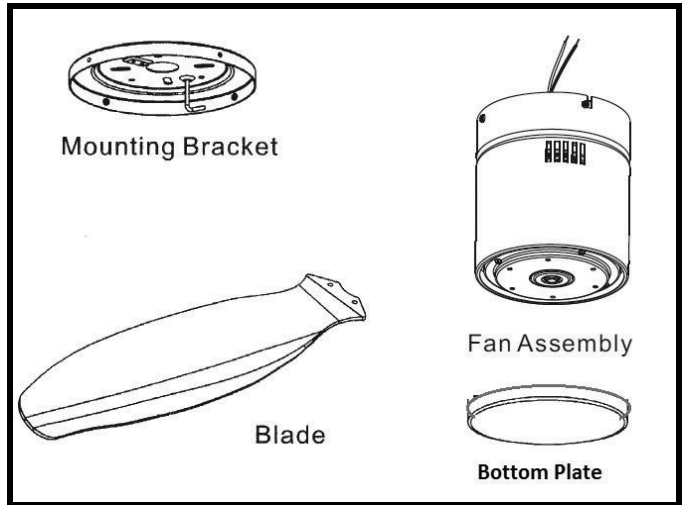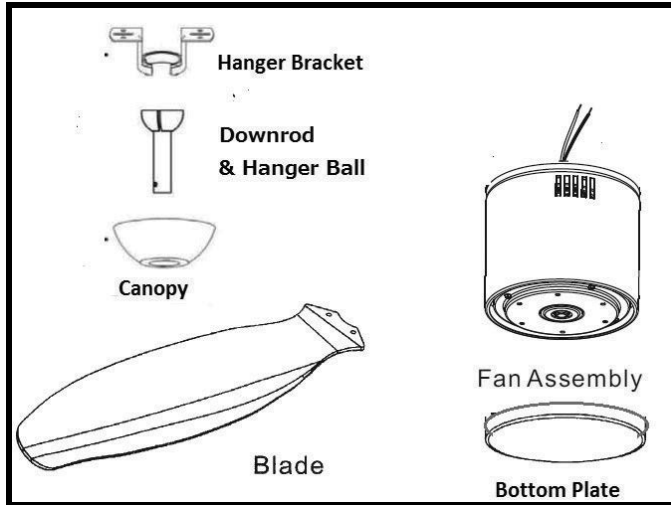# Unpack and inspect fan carefully to be certain all contents are included.

Fan Hanger System with Downrod	Fan Hanger System with Mounting Bracket

(DR Hanger System Kit)   (HR Hanger System Kit)

Hanger Bracket

Downrod & Hanger Ball

Canopy

Fan Assembly

Blade

Bottom Plate

Mounting Bracket

Fan Assembly

Blade

Bottom Plate

Remark : Optional LED Light Kit (C12(12W) / C13 (13W))
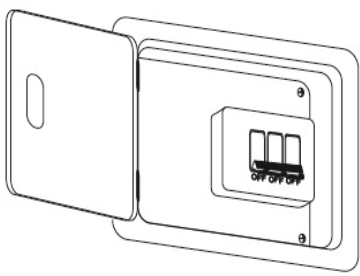
Hardware bag for SPIN Models

Hanger Wood Screw	2(4) pcs
Spring Washer	6 pcs
Motor Screw	6 pcs
Bracket Screw	2(4) pcs
Screw Paper Washer	9 pcs
Blade Holder Screw	9 pcs
Cooper Nut	9 pcs
Blade Holder	3 pcs
Wire nut	3 pcs
Blade Balance Kit	1 pc
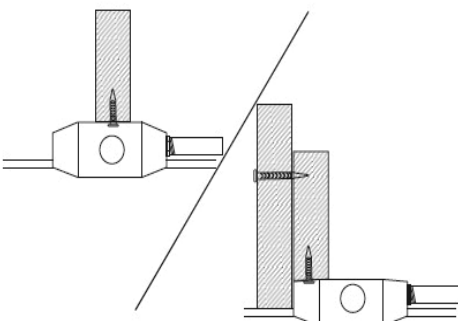
Hardware bag For CAN-3D

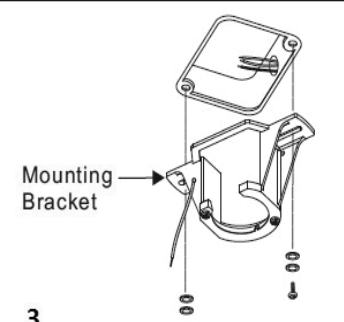| Hanger Wood Screw	2(4) pcs
Bracket Screw	2(4) pcs
Spring Washer	6 pcs
Motor Screw	6 pcs
Blade Balance Kit	1 pc
Wire nut	3 pcs
Motor Fixture Pad	3 pcs

INSTALLATION INSTRUCTIONS

1.

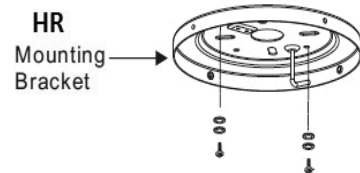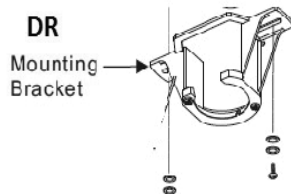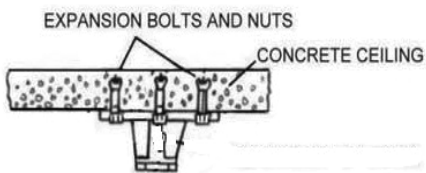Turn off power at breaker box to avoid possible electrical shock.

2.

Use metal outlet box suitable for fan support.
Secure outlet box directly to the building structure using wood screws (included).
Outlet box must support 40 lbs min.

Mounting Bracket

3.

Install mounting bracket to Outlet box in ceiling using washers and the mounting screws provided with the outlet box.

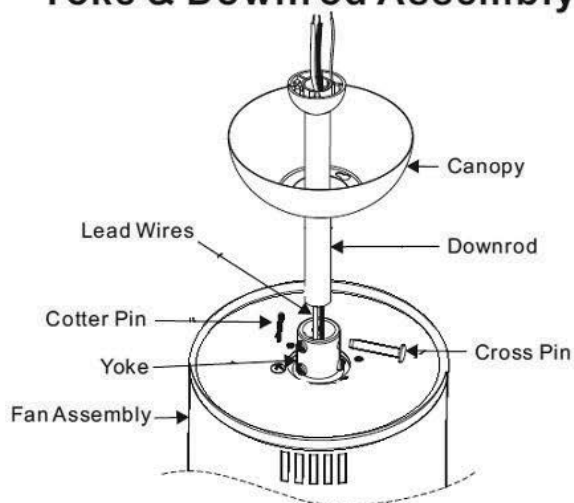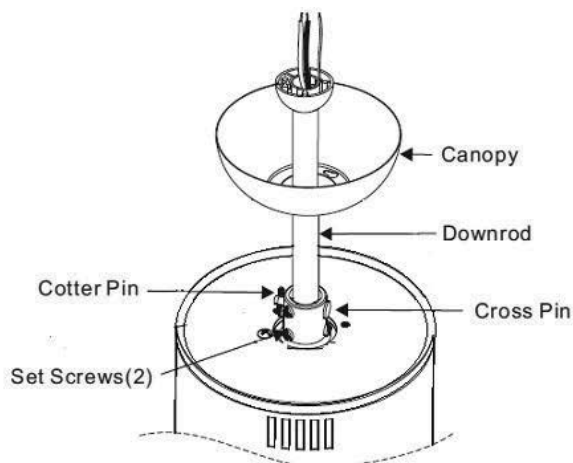**Do not use existing mounting bracket, replace it with new mounting bracket from box.**

EXPANSION BOLTS AND NUTS
CONCRETE CEILING

DR

Mounting Bracket

HR

Mounting Bracket

Hanger System with Downrod (DR Hanger system)

·· Yoke & Downrod Assembly

Canopy

Lead Wires

Downrod

Cotter Pin

Yoke

Cross Pin

Fan Assembly

Canopy

Downrod

Cotter Pin

Cross Pin

Set Screws(2)

(1)
Feed motor lead wires through canopy and downrod and insert downrod into yoke.
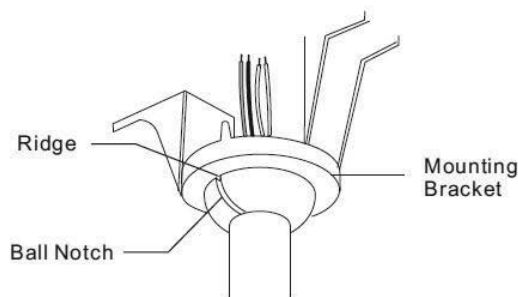
(2)
Insert the cross pin through yoke & downrod and secure with cotter pin.

(3)
Use L type small screw driver (flat) provided in hardware bag and tighten both downrod set screws to further secure downrod.

Hanging the fan

Mounting Bracket

Ridge

Mounting Bracket

Ball Notch
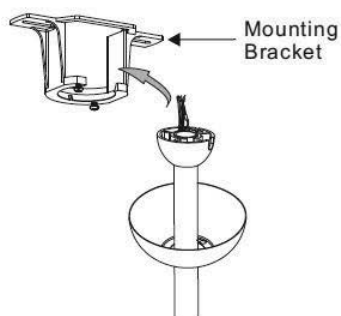
(1)
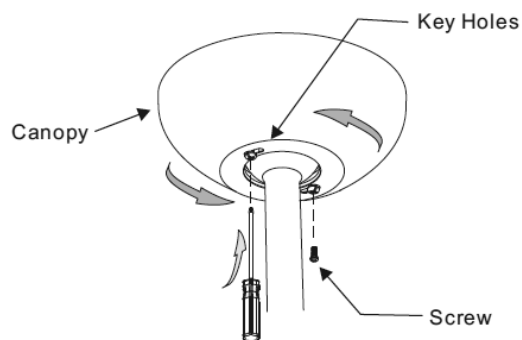Lift fan assembly onto mounting bracket.

(2)
Carefully lift fan assembly onto mounting bracket. Rotate fan so that the notch on the ball engages the ridge in the mounting bracket.
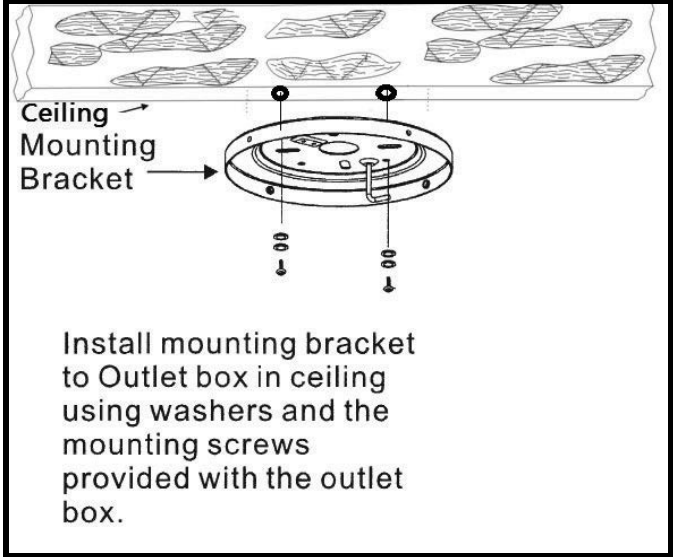
Install the canopy

(1).
Push up the Canopy until the two screws on mounting bracket are engaged with Key Holes in canopy.

(2).
Rotate the canopy slightly until the two screw heads are in the small end of the Key Holes.
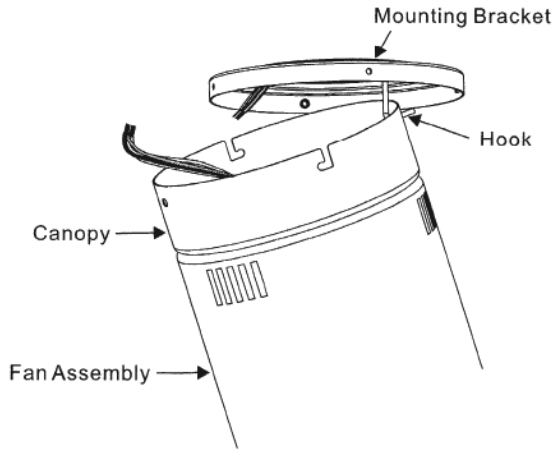
(3).
Tighten both screws.

Key Holes

Canopy

Screw

Ceiling Mounting Bracket

Install mounting bracket to Outlet box in ceiling using washers and the mounting screws provided with the outlet box.
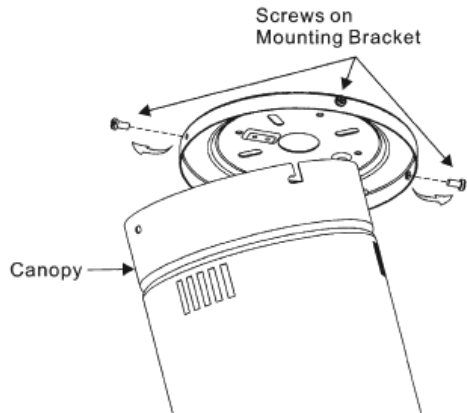
Hanging the fan

Mounting Bracket

Hook

Canopy

Fan Assembly

Lift the fan assembly and hang onto the hook on mounting bracket. This will permit you to make the electrical connections without having to hold the fan up as well.

Canopy installation and attachment

Screws on Mounting Bracket

Canopy

Canopy

(1)
Take off side screws (one of each across) on mounting bracket first, then loosen the other two.

(2)
Push up the canopy until the two screws on mounting bracket are engaged with L type slot holes on canopy.
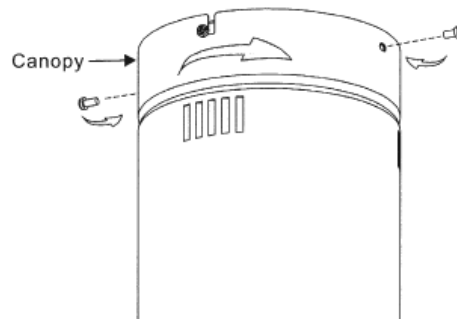
(3)
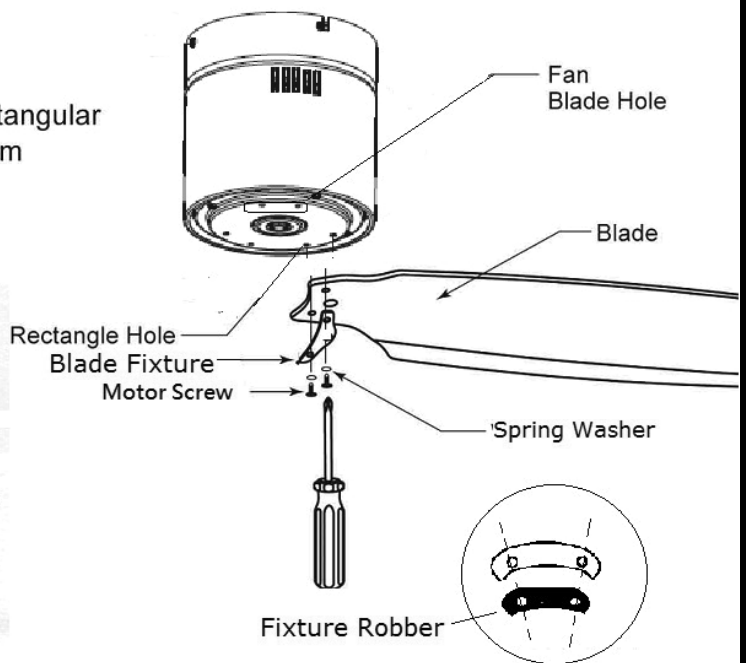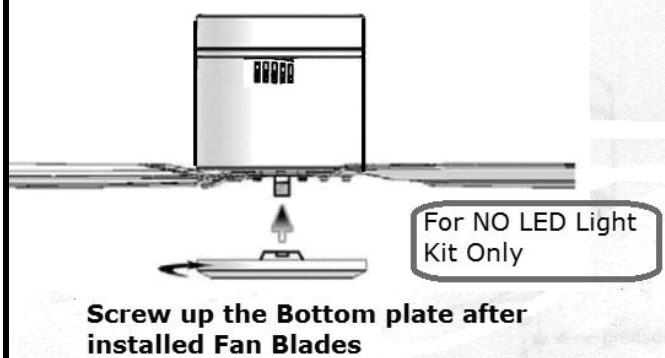Rotate the canopy slightly until the two screw heads are in the L type slot holes.

(4)
Tighten 4 screws firmly.

★ BLADE Installation
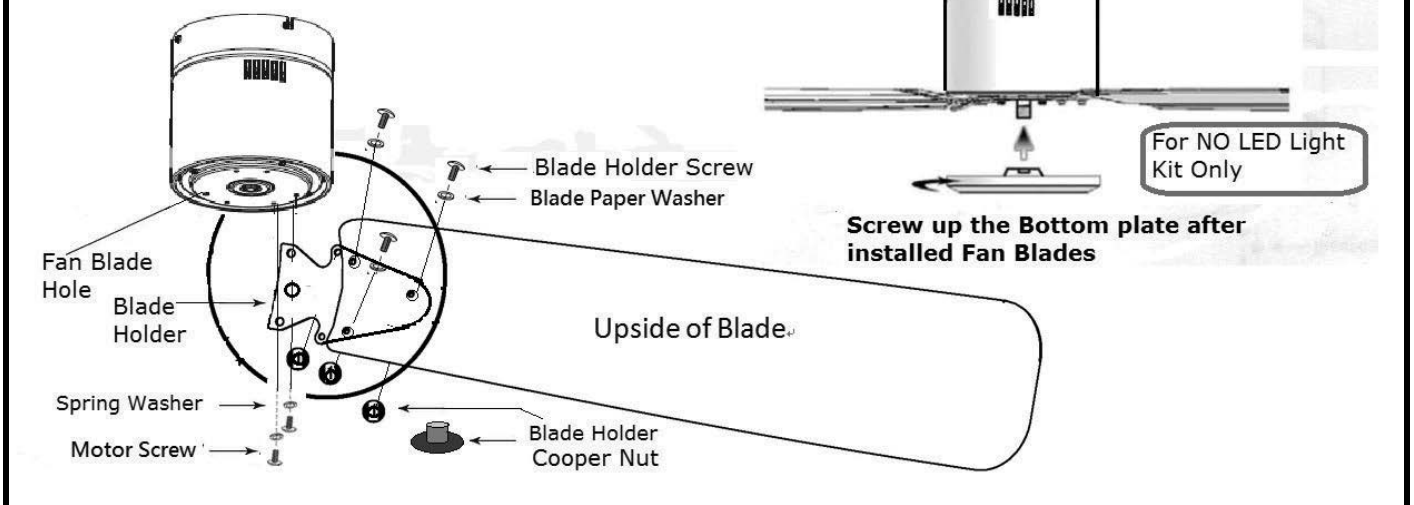
◎ CAN 3D models without Light Kit ◎

Blade installation:

1. Insert blade into fan blade hole.
2. Fasten blade onto motor assembly through rectangular hole using wahers & motor screws provided from hardware bag.

Fan Blade Hole

Blade

Rectangle Hole
Blade Fixture
Motor Screw

Spring Washer

For NO LED Light Kit Only

Screw up the Bottom plate after installed Fan Blades

Fixture Robber

◎ SPIN models without Light Kit ◎

Blade Installation for SPIN Models

Blade Holder Screw
Blade Paper Washer

Fan Blade Hole
Blade Holder

Upside of Blade

Spring Washer
Motor Screw

Blade Holder Cooper Nut

For NO LED Light Kit Only

Screw up the Bottom plate after installed Fan Blades

★ BLADE Installation ★

◎ Models　with C13 LED Light Kit ◎

Blades installation For Models with 13W LED Light Kit

Light Kit Fitter Glass

Screw off Cover Fitter

C13 LED Liight Kit

Blade

Blade

(1).
Remove the light kit fitter

(2).
Insert blade into fan blade hole.

(3).
Fasten blade onto motor assembly through rectangular hole using the washer & motor screws provided from hardware bag.
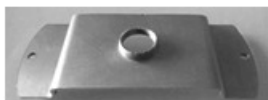
C13 LED Light Kit

LED Chip Board
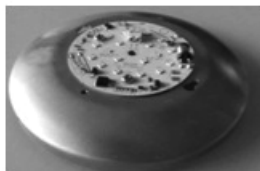
Light Kit Fixture

LED Driver
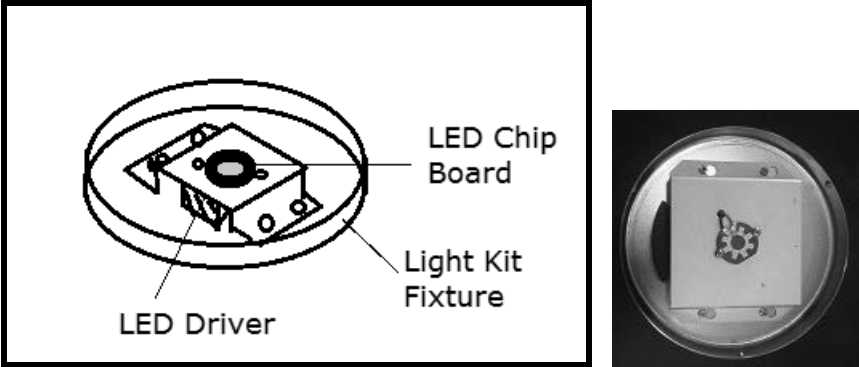
Ceiling Fan LED Light Kit Installation Manual

**TO PREVENT ELECTRICAL SHOCK,
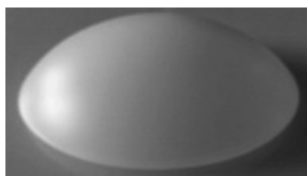POWER SHOULD BE TURNED OFF AT THE FUSE BOX BEFORE INSTALLATION.**
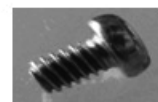
Step 1. Unpack light kit from your box.

LED Kit Bracket
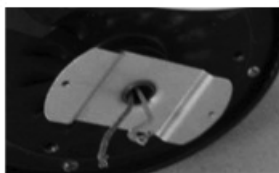1 pc

LED Board Plate
1 pc

Lighting Shade
1 pc

Screws
5 pcs

Step 2. Remove the switching washer from Motor Axis after finished the ceiling fan blades installed.
Screw the bracket into the ceiling fan shaft until the bracket is tight.

Step 3. Insert two wires from ceiling fan to the power connector
in backside LED board plate. Make sure the wires are fasten and not loose.

Power From Fan
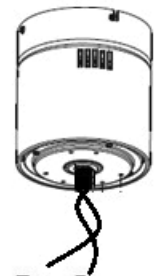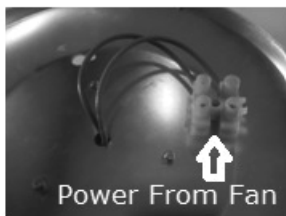
Step 4. Placed the LED board plate on the bracket then tighten with two screws.

Fan Power
For Light

Step 5. Place the lighting shade to LED board plate.
Tighten the 3 screws and make sure lighting shade is in position tightly.

Turn on the power - your fan and light kit are ready for operation.

★★ Electronic Wiring Connections

◇ For Wall Controller/Speed Regulator: (AC220~240V / 50Hz)

Make wire connection

Without Light
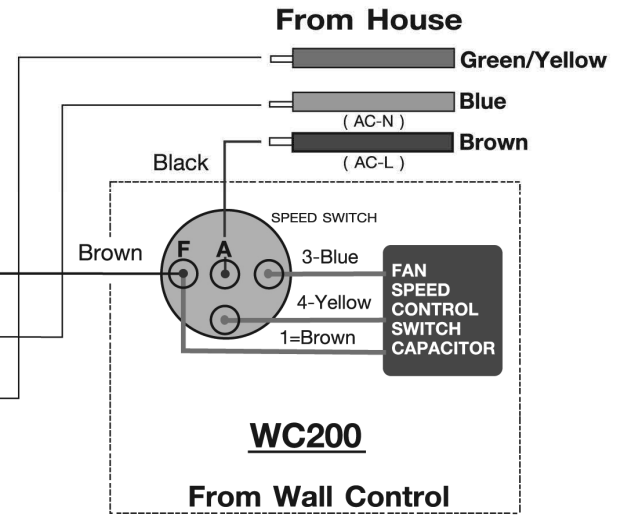
From House
- Green/Yellow
- Blue (AC-N)
- Brown (AC-L)

Black

From Fan

Brown	
Blue	
Green/Yellow	

Brown

SPEED SWITCH

F A

3-Blue

4-Yellow

1=Brown

FAN SPEED CONTROL SWITCH CAPACITOR

WC200
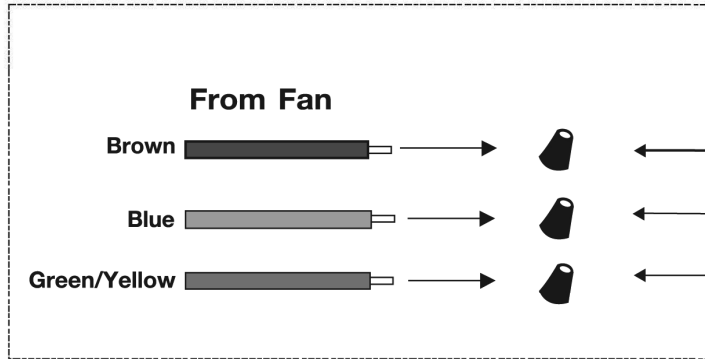
From Wall Control

Secure with twist - lock wire nuts. (Included)

Without Light
Wall Control Unit

Outlet Box

Without Light

From House
- Green/Yellow
- Blue (AC-N)
- Brown (AC-L)

Black

From Fan

Orange	
Brown	
Blue	
Green/Yellow	

Blue
Brown

Switch

SPEED SWITCH

F A

3-Blue

4-Yellow

1=Brown

FAN SPEED CONTROL SWITCH CAPACITOR

WC250

From Wall Control

With Light
Wall Control Unit

Outlet Box
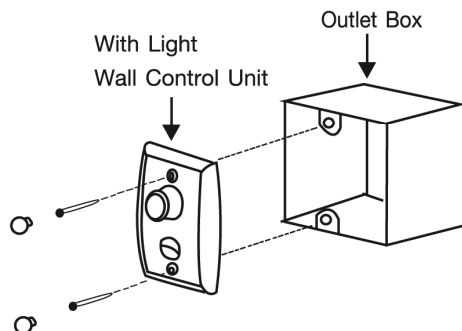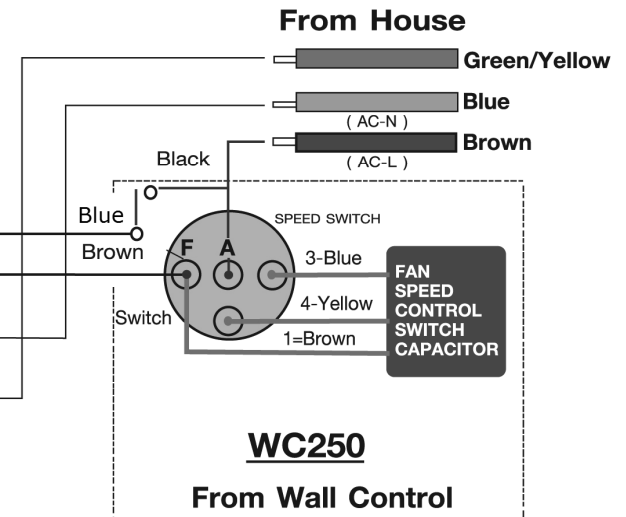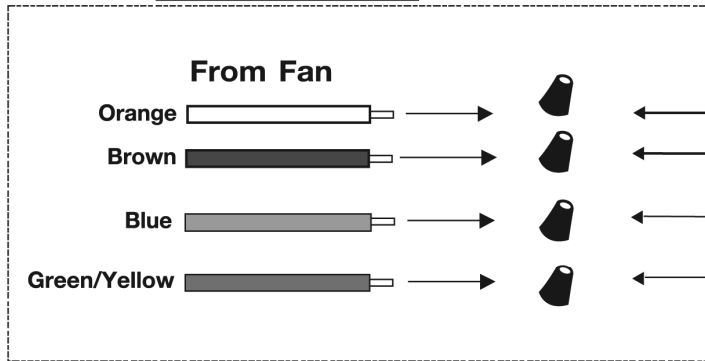
CEILING FAN WALL CONTROL WIRING INSTRUCTIONS

LIVE (Active) from Mains Supply

AC IN L (BLACK)

WALL CONTROLLER

NEUTRAL from Main Supply

EARTH Conductor **from Main supply**

E (Green/Yellow)

TO FAN N (Blue)

TO MOTOR L (BROWN)

MR.KEN

Hanger Bracket
Terminal Blocks

Chassis Earth

E (Green/Yellow)

N (Blue)

FAN L (Brown)

FAN E
(Green/Yellow)

CEILING FAN (WITHOUT LIGHT)
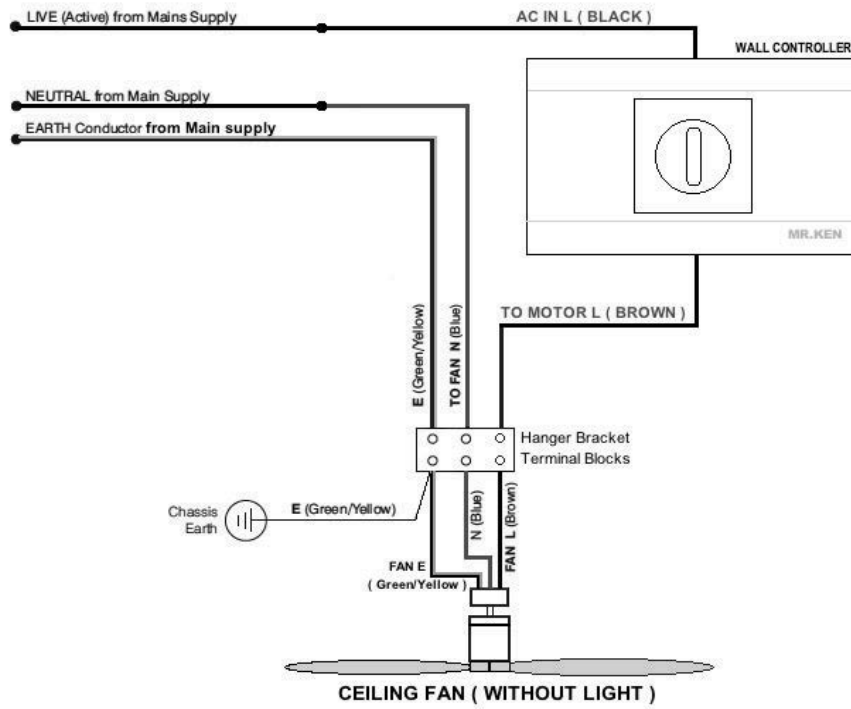
◎ **DC Motor models included Remote Receiver inside:**

Make wire connections (For DC motor with Remote Controller only)

Follow diagram below and make sure that all exposed wires are secured inside wire nuts.
Note : Wires from house may vary in color and may not include ground wire (green).
After wiring is completed, gently push wires into junction box with nuts pointing upward.

From House   **From Fan**

Blue ——— (AC-N) ——→   ←——— (MOTOR-N) **Blue**

Brown ——— (AC-L) ——→   ←——— (MOTOR-L) **Brown**

Green ——— (for ground wire) ——→   ←——— (from downrod) **Green**
                                       ←——— (from mounting bracket) **Green**

Secure with twist - lock wire nuts (Included).

◎ **AC Motor models :**
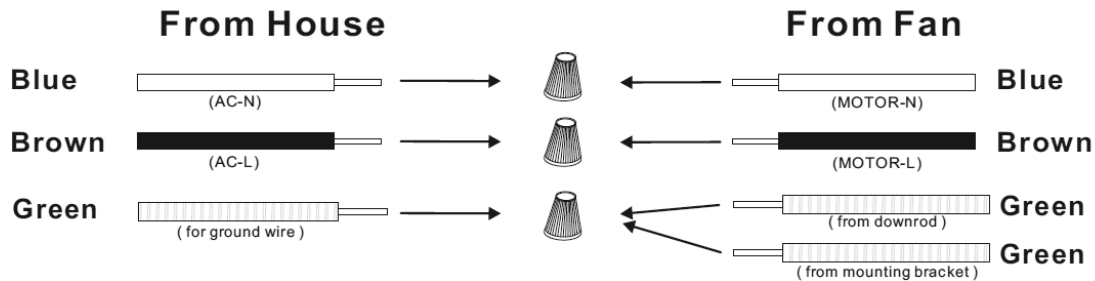
Make wire connections
For use with remote controller

1. Prepare Remote Control

Transmitter Code Switches
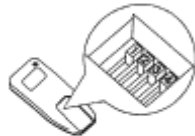
Receiver Code Switches

This unit has 16 different code combinations.
1. Setting the code on the TRANSMITTER
   A. Remove battery cover.
   B. Slide code switches to your choice of ON or OFF position. Use a small screwdriver or ball point pen to slide each switch firmly up or down.
   C. Install 9V DC battery (not included).
   D. Install battery cover on transmitter.
2. Slide code switches on the receiver to be the SAME POSITIONS as set on your transmitter.

2. Make wire connection - (for 220~240VAC/50Hz)

Follow diagram below and make sure that all exposed wires are secured inside wire nuts or terminal block.
Note : Wires from house may vary in color and may not include ground wire (green). After wiring is completed, gently push wires into junction box with wire nuts pointing upward.
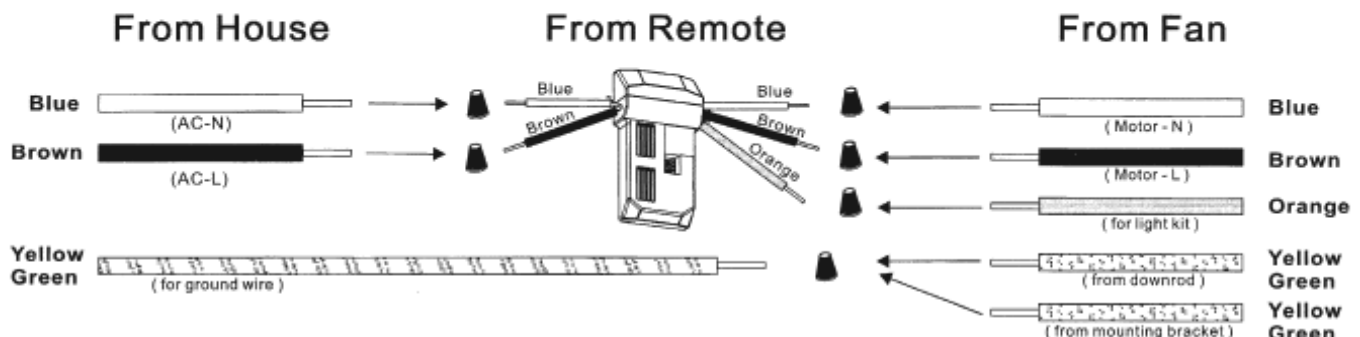
From House   **From Remote**   **From Fan**

Blue ——— (AC-N) ——→   Blue   Blue   ←——— (Motor - N) **Blue**

Brown ——— (AC-L) ——→   Brown   Brown   ←——— (Motor - L) **Brown**

                       Orange   ←——— (for light kit) **Orange**

Yellow Green ——— (for ground wire) ——→   ←——— (from downrod) **Yellow Green**
                                           ←——— (from mounting bracket) **Yellow Green**

Secure with twist - lock wire nuts (Included).