THE AVALON SMART CEILING FAN INSTALLATION INSTRUCTIONS

Please read and save these instructions

These instructions are to be used in the installation of the following OXYGEN fans...

The Avalon 52"
Smart Celiling Fan

oxygen

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201 Railhead Rd • Fort Worth, TX 76106 • (877) 607-0202 • FAX (877) 607-0203   IO355-01/23

OXYGEN'S UNIQUE LIMITED LIFETIME WARRANTY

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WHAT IS COVERED-
Except as specified below, the manufacturer of this product warrants it to be free of all defects in workmanship and material.

WHAT IS NOT COVERED BY THIS WARRANTY-
1. All costs of removal or reinstallation of the fan.

2. Damage resulting from failure to follow instructions contained herein.

3. Damage occurring during shipment of the product (claims must be presented to the carrier).

4. Damage resulting from accident, misuse, abuse, or neglect.

5. Damage resulting from the application of any exterior coating, or by the addition of any unapproved accessories.

6. Damage resulting from repair or attempted repair by anyone other than the manufacturer.

7. Damage resulting from causes other than product defects, including lack of technical skill, competence, or experience of the user.

8. Light bulbs, glass or acrylic components or accessories.

9. Minor occurrences of wobble are accepted as normal and should not necessarily be considered a defect.

WHO MAY ENFORCE WARRANTY-
This warranty may be enforced only by the original purchaser. The end user must possess a dated proof of purchase from an authorized Oxygen dealer to establish a warranty claim.

LENGTH OF THE WARRANTY -
1. For the fan motor - for the lifetime of the original purchaser.

2. For everything else, except blades and finish - one year from the date of purchase.

3. For fan blades and finish - 90 days from the date of purchase.

WHAT WE WILL PAY FOR -
We agree to correct defects outlined in the warranty without charge, or at our option replace the fan with an equivalent or superior product if the defective unit is returned prepaid to us.

TO GET WARRANTY SERVICE -
To obtain warranty service, the product must be returned prepaid to Oxygen. (This warranty is not enforceable outside the United States.) Details regarding return shipment are explained elsewhere in this manual. Whenever warranty service is required, *you must present a copy of the original dated sales receipt as proof of coverage.*

There is no other express warranty. Oxygen hereby disclaims any and all implied warranties, including but not limited to those of merchantability of fitness for a particular purpose to the extent permitted by law. Oxygen shall not be liable for incidental, consequential, or special damages arising out of or in connection with the product use or performance except as may otherwise be accorded by law. The duration of any implied warranty which cannot be disclaimed is limited to the periods specified above in the express warranty.

WARRANTY SERVICE

1. Most problems can be handled by our customer service agents over the telephone. Customers seeking warranty repair or replacement for any fan or component are encouraged to call us for assistance. All returns must be issued a Return Goods Authorization number (RGA) prior to returning the defective unit or part. Call (877) 607-0202 - Monday thru Friday 8:00 a.m. - 5:00 p.m. CST to obtain a RGA number.

2. Arriving shipments will be refused if they do not bear a valid RGA number on the outside packaging.

3. A dated proof of purchase must accompany any fan or component clearly indicating the name of the original purchaser.

4. To avoid damage in transit, the product should be returned in its original box and packaging. Oxygen will not bear responsibility for any shipping damage.

5. Any return of a fan or component must be shipped freight and insurance prepaid.

FOR YOUR RECORDS
Purchased From _____
City _____ State _____
Fan Model No. _____
Date Purchased _____

Complete and mail the enclosed warranty card within 10 days to ensure your warranty is registered.

If you have any questions regarding the warranty, or the procedures for obtaining service, please call us at (877) 607-0202 - Monday thru Friday 8:00 a.m. - 5:00 p.m. CST.

1. SAFETY RULES

1. To avoid possible electric shock, **turn off the electricity** at the main fuse box or circuit panel before you begin the fan installation or before servicing the fan or installing accessories.

2. Read all instructions and safety information carefully before installing your fan and **save these instructions.**

3. Make sure all electrical connections comply with local codes or ordinances as well as the National Electrical Code. If you are unfamiliar with electric wiring, please use a qualified and licensed electrician.

4. Make sure you have a location selected for your fan which allows clear space for the blades to rotate, and at lease seven (7) feet of clearance between the floor and the fan blade tips.

5. The outlet box and ceiling support joist used must be securely mounted, and **capable of supporting at least 35 pounds.** To reduce the risk of fire, electric shock, or personal injury, use only an outlet box clearly labeled **"Acceptable For Fan Support".**

6. To reduce the risk of personal injury use only approved hanging brackets and screws supplied with the outlet box for mounting to the outlet box.

7. After installation is complete, check that all connections are absolutely secure.

8. Do not insert anything into the fan blades while they are rotating.

9. Do not attempt to control the operation of the fan (or an optional light kit) from any wall control that is not approved by Oxygen for use with its fans. Do not use solid state wall controls. The use of any unapproved control voids the fan's warranty.

TOOLS REQUIRED FOR INSTALLAITON

Phillips Screwdriver
Wire Cutters
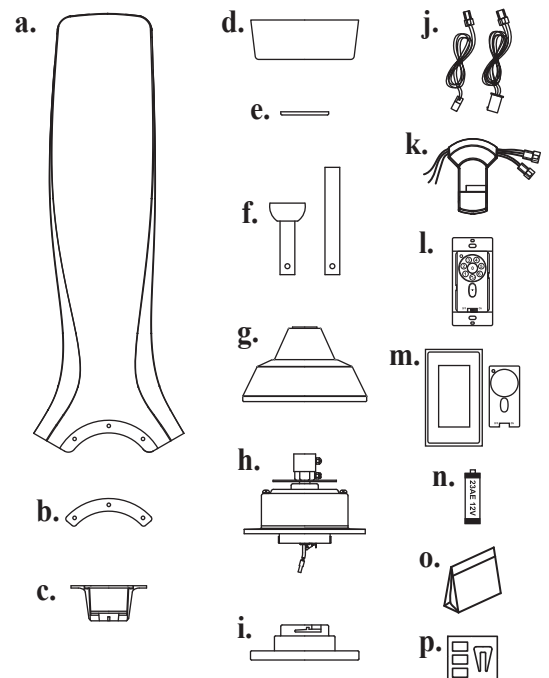Electrical Tape
Step Ladder

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2. UNPACKING YOUR FAN

Unpack your fan and check the contents. Do not discard the carton. If warranty replacement or repair is ever necessary the fan should be returned in original packaging. Remove all parts and hardware. Do not lay motor housing on its side - because the decorative casing may shift. Check all visible screws, bolts and nuts for tightness. Examine all parts. The following parts should be included:

NOTE:
Some Oxygen fan models will have slightly different parts than what is shown here depending upon the design you have chosen. Basic installation procedures are similar for all models.

1. Set of blades (a)
2. Blade support plates (b)
3. Hanging bracket (c)
4. Ceiling canopy (d)
5. Canopy cover (e)
6. Downrod assembly (6") and Alternate downrod (4") (f)
7. Yoke cover (g)
8. Fan motor assembly (h)
9. Decorative cover (i)
10. 2-pin and 3-pin extension cord (j)
11. Receiver (k)
12. Wall transmitter incl. 2 mounting screws and 6 wire nuts (l)
13. 2 wall plates (white and beige), 1 face plate (beige),
    2 sets of mounting screws, and machine screws (m)
14. Battery (n)
15. Parts bags (o) containing:
    • Blade attachment hardware
      (Screws/washers, washers may be attached to screws)
    • Mounting hardware (wire nuts, wood screws, machine
      screws, lock washers, spring washers, metal washers.)
16. Blade balancing kit (p)

IF YOU FIND THAT PARTS ARE MISSING. CONTACT YOUR DEALER FOR REPLACEMENT, OR CALL OXYGEN DIRECTLY AND WE WILL MAIL REPLACEMENTS TO YOU IMMEDIATELY.

3. MOUNTING OPTIONS

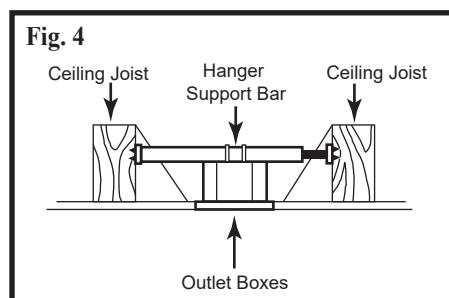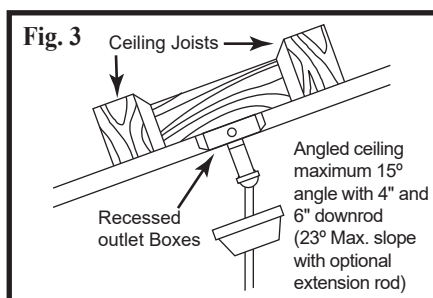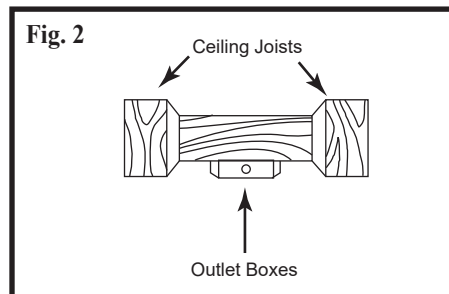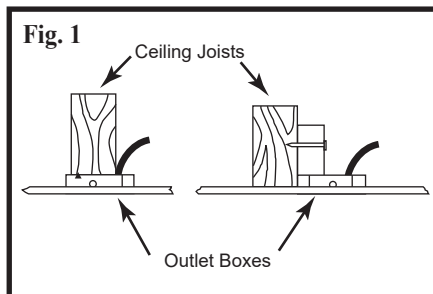**1.** Disconnect the power by removing fuses or turning off circuit breakers.

2. If there is an existing outlet box, ensure it is clearly marked "Acceptable for Fan Support of 15.9 kg (35 lbs) or Less". If it is not so marked, it must be replaced with an approved one.

3. Secure the outlet box (or make sure the existing box is secured) directly to the building structure. Use appropriate fasteners and building materials.

4. Figures 1,2 and 3 are examples of different ways to mount the outlet box in different situations. A longer downrod may be required in sloped ceiling situations to maintain proper blade clearance.

5. To hang the fan in locations where no ceiling joist is available, a hanger support bar may be required (Figure 4). Contact your local dealer for support bars and outlet boxes.

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, FIRE, OR PERSONAL INJURY, MOUNT THE FAN ONLY TO AN OUTLET MARKED ACCEPTABLE FOR FAN SUPPORT AND USE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX.

Fig. 1
Ceiling Joists
Outlet Boxes

Fig. 2
Ceiling Joists
Outlet Boxes

Fig. 3
Ceiling Joists
Recessed outlet Boxes
Angled ceiling maximum 15º angle with 4" and 6" downrod (23º Max. slope with optional extension rod)

Fig. 4
Ceiling Joist
Hanger Support Bar
Ceiling Joist
Outlet Boxes

CAUTION: TO REDUCE THE RISK OF PERSONAL INJURY, INSTALL THE PRIMARY MOUNTING MEANS AND USE ONLY THE HARDWARE PROVIDED WITH THE FAN.

4. HANGING YOUR FAN

WARNING - *Turn off the power!*
DO NOT fasten the blades to the fan until it is assembled and hanging from the ceiling. To do so now will likely bend the blade arms and almost certainly cause wobble.

1. Align the holes from the blade to the holes from the blade bracket on the motor and secure the blade in place with blade support plate and blade attachment screws with lock washers provided. (Fig. 5)

2. If not already affixed to the hanger bracket, place the rectangular rubber isolators between the hanger bracket and outlet box. Secure the hanger bracket to the outlet box using the 2 long steel screws supplied with the outlex box. (Fig. 6)
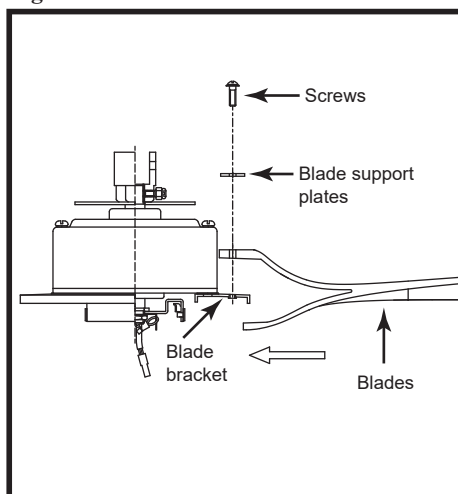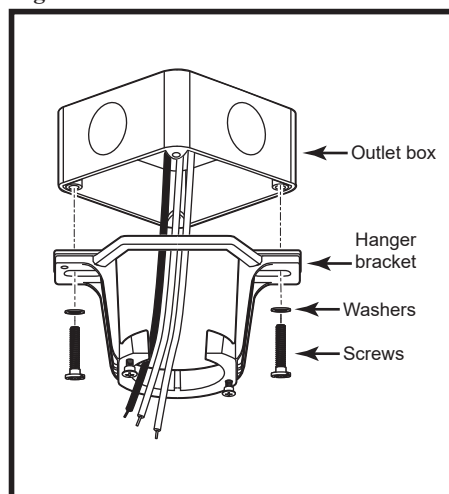
Fig. 5
Screws
Blade support plates
Blade bracket
Blades

Fig. 6
Outlet box
Hanger bracket
Washers
Screws

3. Take out the set screw located in the hanger ball, lower the hanger ball and remove the cross pin. Remove the hanger ball from the hanger ball/downrod assembly (Fig. 7).

4. Remove the set pin, safety lock clip and set screws from the yoke on top of the motor assembly. (Fig. 8)

5. Feed the wires from the fan motor through the downrod. Align the holes at the bottom of the downrod with the holes in the collar on top of the motor housing. Carefully insert the set pin through the holes in the collar and downrod. Be careful not to jam the pin against the wiring inside the downrod. Insert the safety lock clip through the hole near the end of the set pin until it snaps into its locked position. (Fig. 8)

6. Tighten the two set screws on top of the fan motor firmly. (Fig. 8)

7. Slip the yoke cover, the canopy cover, and the canopy onto the downrod. (Fig. 9)

8. Carefully reinstall the hanger ball onto the downrod. Being sure that the cross pin is in the correct position, the set screw is tightened and wires are not twisted. (Fig. 10)

NOTE: If a longer downrod (not included) is needed, take out the screw located in the hanger ball, lower the hanger ball and remove the pin. Remove all three pieces from the downrod and assemble them onto the new longer downrod before proceeding to the downrod installation. Be sure to snap together the 2-pin and 3-pin connectors, the two male plugs from the fan and female plugs from the extension cord.

9. Lift the fan motor place into the hanger bracket, rotating the ball until the groove engages the tab on the hanger bracket. This locks the ball mount and fan motor, preventing fan rotation during operation. (Fig. 11)

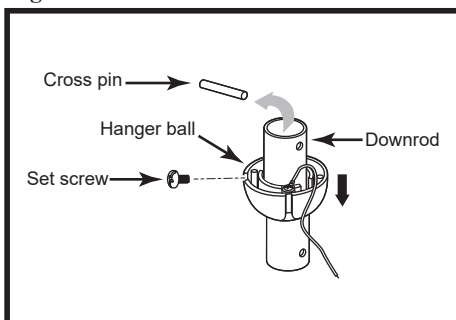**10.** Secure the safety cable to the building structure using a wood screw (not included). (Fig. 11)
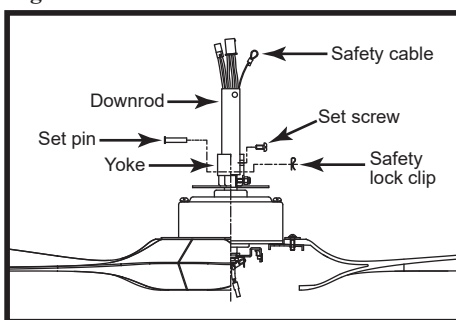
Fig. 7

Cross pin
Hanger ball
Set screw
Downrod

Fig. 8

Safety cable
Downrod
Set pin
Yoke
Set screw
Safety lock clip

Fig. 9

Safety cable
Downrod
Canopy
Canopy cover
Yoke cover

Fig. 10

Safety cable
Hanger ball
2-pin and 3-pin extension cord
Downrod
Canopy
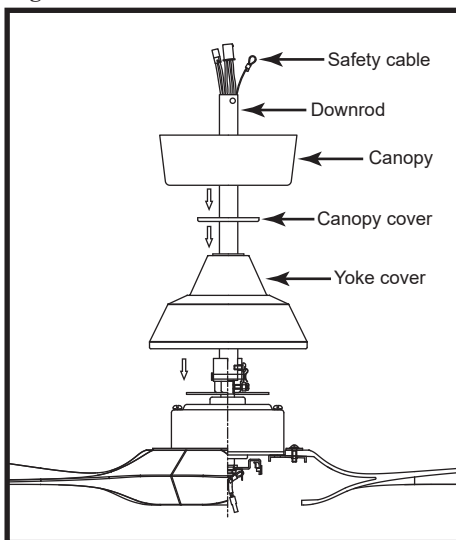Canopy cover
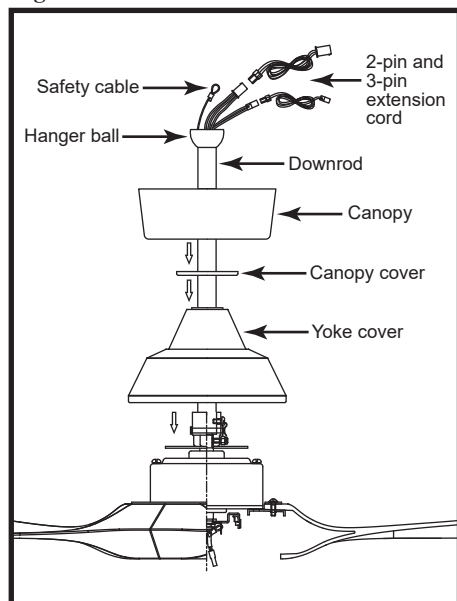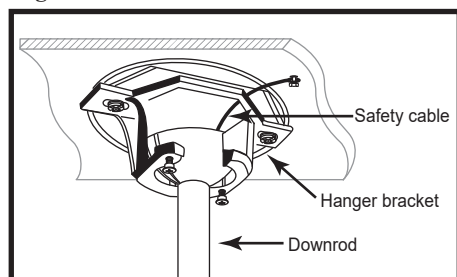Yoke cover

Fig. 11

Safety cable
Hanger bracket
Downrod

5. ELECTRICAL CONNECTIONS

*REMEMBER - Turn off the power! **NOTE** - Control must be installed within 30 feet of fan.*

Use the wire nuts supplied with your fan when making connections. Secure the connectors with electrical tape and make sure there are no loose connections or wire strands.

1. Make wire connections from the fan to the receiver. (Fig. 12)

- Connect the 2-pin connector from fan to the 2-pin connector from receiver.
- Connect the 3-pin connector from fan to the 3-pin connector from receiver.

2. Connect the wiring from the ceiling to the receiver unit. (Use the 2 wire bundle on the receiver.) Secure with supplied wire nuts.

- Connect the BLACK building supply wire to the BLACK receiver wire.
- Connect the WHITE receiver neutral wire to the WHITE building neutral wire.
- Connect the COPPER building ground wire to the YELLOW / GREEN fan ground wire. Also connect the two GREEN wires (from fan) to building ground wire.

3. Connect the wiring from the wall switch receptacle to wall transmitter unit.

- Remove the existing wall plate and switch from the wall junction box.
- Connect one BLACK wire from the wall to one BLACK wire (labeled "TO FAN") from the wall transmitter.
- Connect the other BLACK wire (labeled "TO POWER SUPPLY") from the transmitter to the remaining BLACK wire from the wall (A/C supply source).
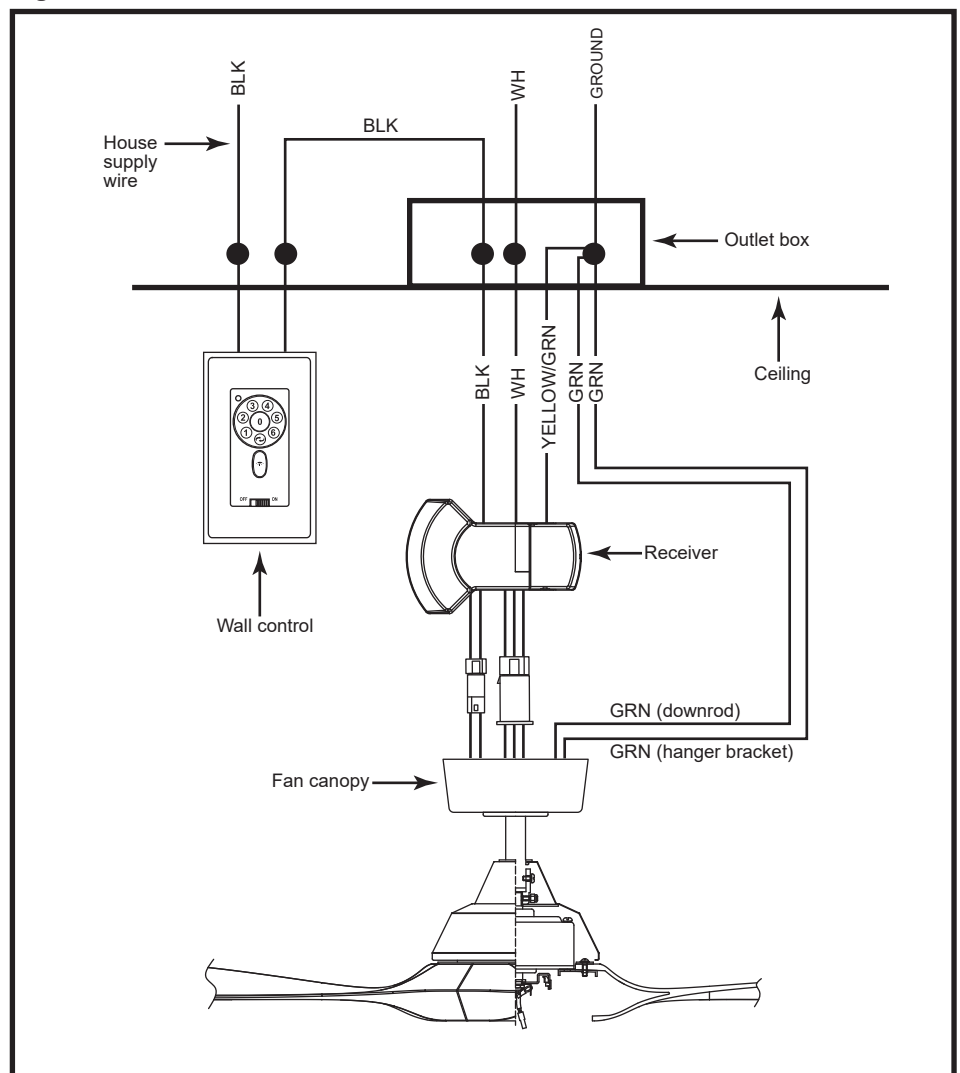
If your junction box has a ground wire (green or bare copper), connect the transmitter's ground wire to it. Otherwise, connect the transmitter ground wire directly to one of the screws from the outlet box.

Carefully tuck the connected wires inside the junction box. Secure the transmitter with the two screws provided. Attach the face plate over the transmitter with the two screws provided.

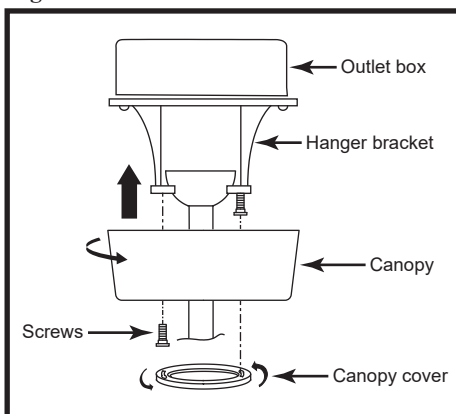**4.** Put the receiver unit inside the canopy. Proceed to Step 6 - Completing the Installation.

Use **ONLY** wall controls approved by Quorum. Use of unapproved wall controls will cause unacceptable humming noise, and avoids the fan warranty.

Fig. 12

6. COMPLETING the INSTALLATION

1. Make sure the wiring is safely inside the outlet box as instructed in **Step 5 - Electrical Connections**. To install the canopy, remove one of the two screws from the bottom of the mounting bracket and loosen the other one half turn. Slide the canopy up to mounting bracket and place the key hole on the canopy over the screw on the mounting bracket, turn canopy until it locks in place at the narrow section of the key holes. Secure by tightening the two set screws. (Fig. 13)
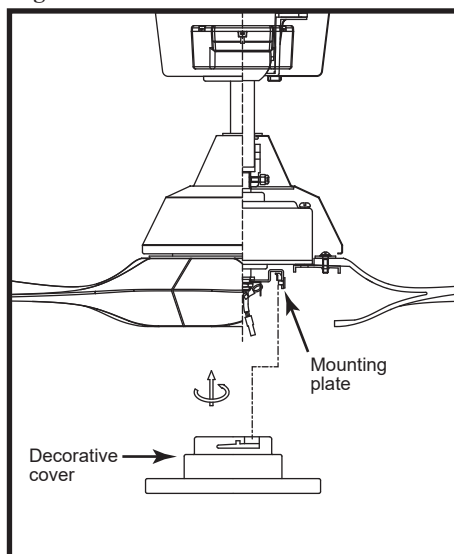
2. Attaching the Decorative Cover (Fig. 14)
Position the notches in the the decorative cover so they line up with the tabs on the mounting plate. Secure it to the fan by turning the decorative cover clockwise until snug.

A certain amount of wobble may be considered normal, especially if the fan is on a downrod long than 12".

Fig. 13

- ← Outlet box
- ← Hanger bracket
- ← Canopy
- Screws →
- ← Canopy cover

Fig. 14

- Mounting plate
- Decorative cover →

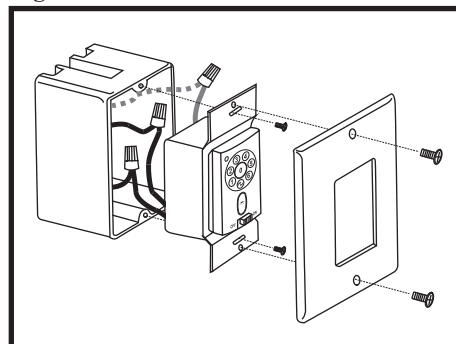# 7. INSTALLING THE WALL CONTROL

REMEMBER - *Turn off the power!* **NOTE** - *Control must be installed within 30 feet of fan.*

1. Remove the existing wall plate and switch from the wall junction box.

2. If your outlet box has a ground wire (green or bare copper) connect the wall control's ground wire to it; otherwise connect the wall control's ground wire directly to one of the screws from the outlet box.

3. (Fig. 15) Carefully tuck the wire connections inside the junction box. Secure the wall control with the two screws provided. Attach the wall plate over the wall control and secure with the two screws provided.

Fig. 15

8. OPERATING YOUR TRANSMITTER

This unit is equipped with an automatically learned type wall control. There are no frequency switches on the receiver and transmitter; the receiver unit will automatically scan the frequency from the handheld remote if any changes are made. This unit has 65,000 different code combinations. The frequency settings on the transmitter should be changed only in case of interference or if a second or more ceiling fans with the same type of control system are installed in the same structure. Please refer the **"D" "SET"** code setting button section.

Remove the panel from the transmitter and then install one 23A/12V battery (included). To prevent damage to transmitter, remove the battery if not use for long periods of time (Fig. 16).

A. **1, 2, 3, 4, 5** and **6** buttons:
These six buttons are used to set the fan speed as follows:
1 = minimum speed
2 = low speed
3 = medium low speed
4 = medium speed
5 = medium high speed
6 = high speed

B. **"0"** button:
This button turns the fan off.

C. ↻ Reverse button:
This button is to control fan direction. This button must be pressed while fan is running (suggested speed 4)

D. 👁 Light button:
This button is to control optional light. (Fig. 16)

E. **"SET"** code setting button:
Follow the below steps to use the set button. (Fig. 16)

F. **ON - OFF** Slide button: Power switch. (Fig. 17)

G. **Signal light** (Fig. 17)

Pairing Process

With the fan's power off, restore power to the fan. Press and hold **"SET"** button for about 5 seconds and release. the signal light on the wall control will come on when the button is pressed. The fan has completed the pairing process with the wall control and is ready for use.

NOTE: A single fan can be controlled with as many as 3 wall controls in one room. Every control will need to repeat the pairing process based on instructions above and all controls must be within 30 feet of the fan.

NOTE: If multiple fans are installed on the same circuit, each fan must have it's own switch leg. Each fan and wall control pair must have its own wire from the control to the fan(the wire from the control to the fan can NOT be shared). There can NOT be a jumper wire running from fan to fan.

NOTE: The **"SET"** button must be pressed within 60 seconds of restoring power.

The receiver provides the following protective function:

1. **Lock position:** The DC motor has a built-in safety against obstruction during operation. The motor will be locked operation and disconnect power after 30 seconds of interruption. Please remove obstacles before re-set.

2. **Over 80W protection:** When the receiver detects motor power consumption which is greater than 80W, the receiver power will be stopped and operation will immediately discontinue. Turn the receiver power on after 5 seconds.
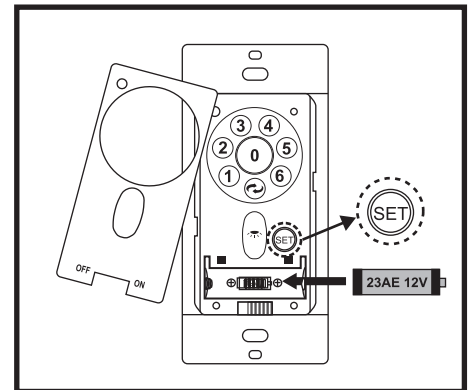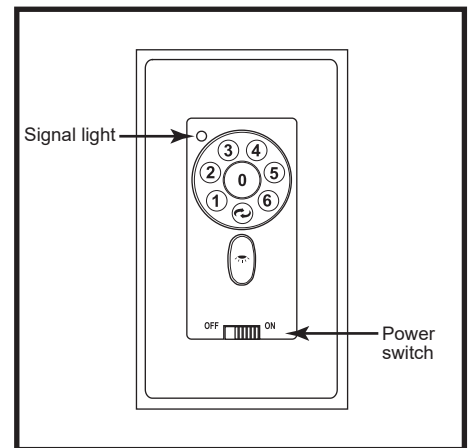
Fig. 16

Fig. 17

9. FAN OPERATION AND CARE

1. A ceiling fan is an environmentally smart choice to cool as well as to help warm your home or office. Adjust your HVAC thermostat during fan use to save additional energy and money on your air conditioning and heating utility bills. You should see a significant reduction in both your heating and cooling costs by regular use of your fan.

Do not hesitate to use your fan during summer and winter months. In summer, (Fig. 18) using the reverse switch, adjust the fan's direction so cool air is blown down, producing a cooling breeze. In winter, (Fig. 19) reverse the fan so that an upward airflow will push warm air off the ceiling and circulate it downwards into the living area. In winter months, use the fan at a lower speed than summer.

2. Periodically check tightness of all screws securing the blades to the blade arm attachment points. A clicking or a rattling noise is a sure indication of loosening screws. Since screws will invariably work loose over time, at least once a year, tighten all the screws attaching blades to blade arms. **Do not bend blade arms when cleaning or servicing the fan.**

3. Clean you fan periodically using only a cloth dampened with a mild detergent solution for all hardware - never use solvents. The finish plating is lacquered to prevent tarnishing. Use a lint-free cloth with clean water to clean blades.

4. You will never need to oil or lubricate your fan. Its permanently sealed bearings will provide trouble free, silent operation for many years.

5. If repairs or servicing are ever required, to avoid possible electric shock, **turn off the electricity** at the main fuse or circuit panel before you begin.
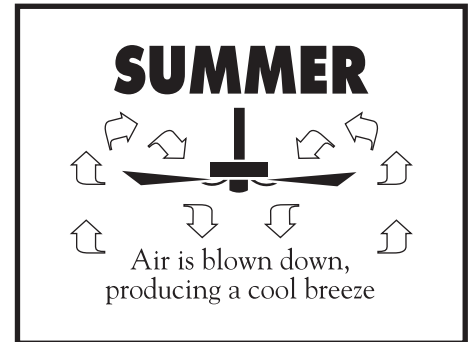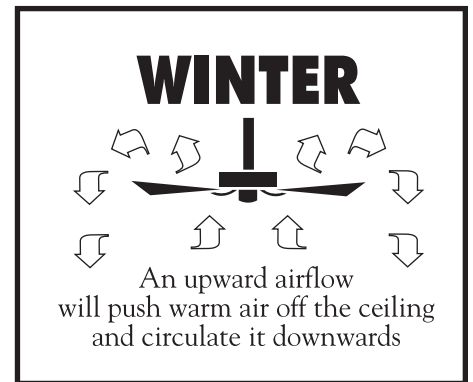
Fig. 18

SUMMER

Air is blown down, producing a cool breeze

Fig. 19

WINTER

An upward airflow will push warm air off the ceiling and circulate it downwards

10. TROUBLESHOOTING

FAN WILL NOT START

1. Check that the electricity has been turned on at the circuit breaker which had probably been turned off during installation.

2. Turn off the electricity. Check all connections in the wiring of the fan at the ceiling and make sure it follows the wiring instructions outlined in this manual.

3. Check that the dip switch settings match in both the receiver unit and wall control.

NOISE

NOTE: Always allow a day or two "run-in" time for any new fan at medium or high speed. When attempting to diagnose noise, listen carefully from several sides to try and isolate the location of the noise (blade, upper end, motor, light kit, etc.)

1. Tighten all screws attaching blades to blade arms. Remember to tighten these screws at least once a year because they may loosen slowly over time and cause a clicking noise.

2. Turn off the power. Loosen the canopy and check that the wiring and/or wire nut connectors are not resting against the canopy, possibly vibrating while the fan is on.

3. Use of a standard light rheostat or an unapproved fan wall control to control the fan speed will always cause an annoying "hum". Many fan motors do not work quietly with solid state variable speed controls.

4. Check that the rubber gasket on the mounting bracket has been installed if called for in the installation instructions.

5. Check that the canopy in not touching the ceiling.

6. Check that all screws on the motor housing and the bottom housing are tight.

FAN TURNS, BUT DOES NOT MOVE MUCH AIR

1. The fan may be running in reverse. Press the reverse button on transmitter to set the fan in forward operation.

2. The distance from the ceiling to the blades may be too small. For downrod fans, optimal placement would be 8-9 feet from the floor.

3. The room may contain items which obstruct the air flow.

4. The fan may be too small for the size of the room.

EXCESSIVE WOBBLE

NOTE: A small amount of wobble is considered acceptable and should not be considered a defect.

1. Make certain all blades are tightly attached to each blades' respective blade arm.

REPLACEMENT PARTS
For replacement parts, contact your local dealer.
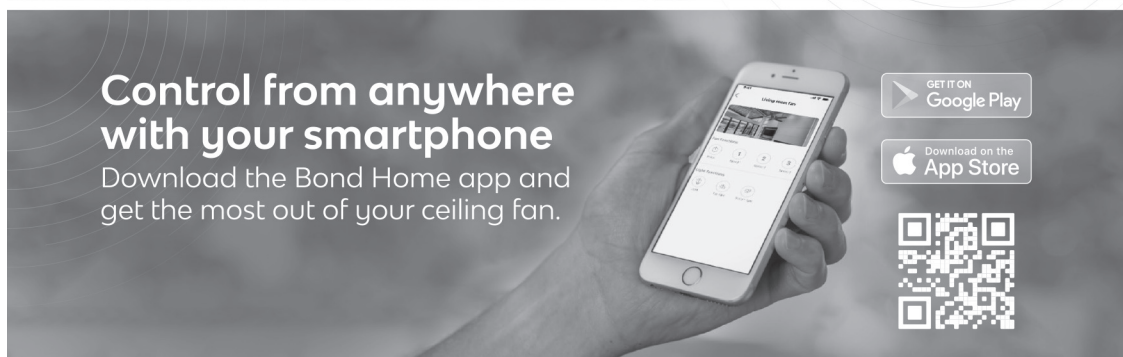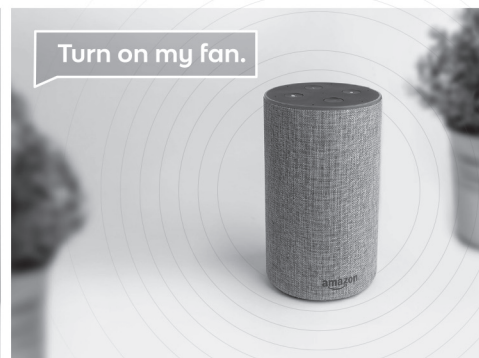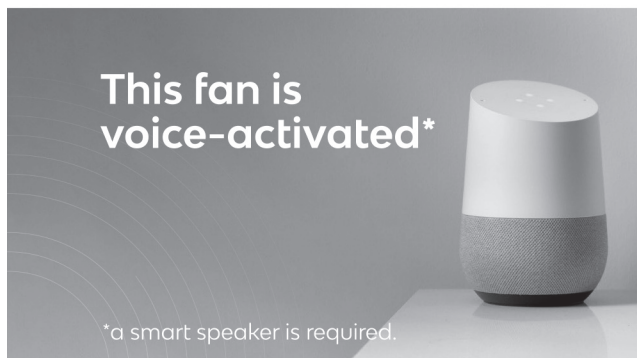

Scan QR Code

Scan QR code to download the BOND app

THIS IS A SMART CEILING FAN

Connect to Wi-Fi and activate your fan to enjoy the following app-only features:

✓ Define convenience and put this beauty on a schedule: customized or dawn to dusk.

✓ Enhance comfort with the breeze feature.

This fan is voice-activated*

*a smart speaker is required.

Turn on my fan.

Control from anywhere with your smartphone

Download the Bond Home app and get the most out of your ceiling fan.

GET IT ON
Google Play

Download on the
App Store

Step 1	Step 2	Step 3	Step 4
Install the ceiling fan	Download the **Bond Home** app	Activate your ceiling fan step by step in app instructions	Enjoy!

Need help or have a question?
Live chat in the Bond Home app is available for assistance.

Smart by
bond

TROUBLESHOOTING

Smart by bond

TO PERFORM A FACTORY RESET:
The Factory Reset will erase all fan settings, schedules, and disconnect from your Wi-Fi network. However, the fan will remain paired with the remote control.

1. Turn off the breaker or wall switch.

2. Turn the vreaker/switch back on.

3. Immediately press and hold the Fan Speed 1 button on your ciling fan's remote control for 20 seconds, or until the ceiling fan light flashes five times. (**NOTE:** You must start holding the button within 15 seconds of turning the breaker or wall switch back on.)

BOND CONFIG NETWORK DOES NOT SHOW UP IN MY WIFI LIST
If your fan is already connected to WiFi, the Bond Config network will disappear. To cause it to reappear, hold down the Power button on the remote control for 10 seconds and refresh your WiFi network list on your phone or tablet.