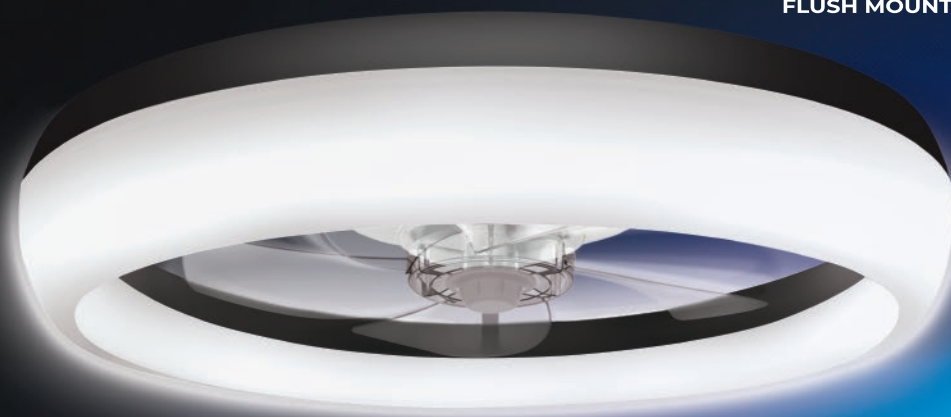


BELL+HOWELL® CANNON X™

14" CEILING FAN LIGHT

3100
LUMENS

FLUSH MOUNT



Shine Bright, Stay Cool.™

3 LIGHTING MODES



3500K
WARM



4500K
DAYLIGHT



5500K
COOL



FAN SPEEDS
0.8M/S/DISTANCE 2.3M



TIMER SETTINGS
2 HOURS / 4 HOURS



REVERSE / FORWARD
FAN FUNCTIONS



REMOTE CONTROL
PROGRAMMABLE



EASY TO INSTALL

INSTRUCTIONS

BELL+HOWELL® CANNON X™ 14" CEILING LIGHT FAN BLACK ITEM NO. 6410
DISTRIBUTED BY EMSON® NEW YORK, NY 10001, USA
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IMPORTANT SAFEGUARDS

PLEASE READ AND FOLLOW THESE INSTRUCTIONS. READ AND SAVE THESE INSTRUCTIONS.

- To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker or fuse box before beginning.
- All wiring must be in accordance with the National Electrical Code “ANSI/NFPA 70-1999” and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
- The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg) or less. Use only UL-listed outlet boxes marked “FOR FAN SUPPORT.”
- The fan must be mounted with a minimum of 10 ft (3.05m) clearance from the trailing edge of the blades to the floor.
- Avoid placing objects in the path of the blades.
- To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.
- Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.
- After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the 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 ungrounded conductor on the other side of the outlet box.
- All setscrews must be checked and re-tightened where necessary before installation.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.



WARNING: To reduce the risk of electric shock or fire, do not use this fan with any solid-state fan speed control device. It will permanently damage the electronic circuitry.



WARNING: To reduce the risk of personal injury, do not bend the blade arms (also referred to as flanges), when installing the brackets, balancing the blades or cleaning the fan.



WARNING: Do not insert foreign objects between rotating fan blades.



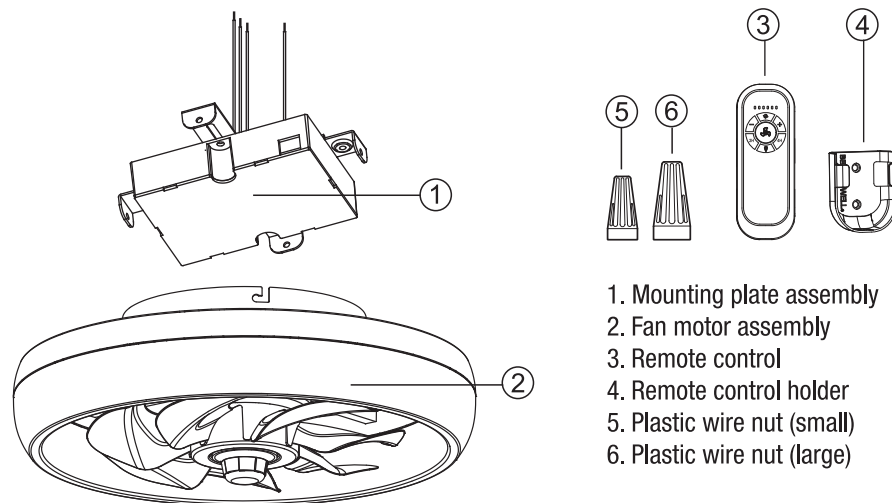
WARNING: To reduce the risk of fire, electric shock or personal injury, mount the fan to the outlet box marked acceptable for fan support with the screws provided with the outlet box.



CAUTION: To reduce the risk of personal injury, use only the screws provided with the outlet box.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The fixing means for attachment to the ceiling such as hooks or other devices shall be fixed with a sufficient strength to withstand 4 times the weight of the ceiling fan.
- The mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons. The fan is to be installed so that the blades are more than 3.05 m above the floor.
- **WARNING:** To Reduce The Risk Of Personal Injury, Do Not Bend The Blade Brackets When Installing The Brackets, Balancing The Blades, Or Cleaning The Fan. Do Not Insert Foreign Objects In Between Rotating Fan Blades.

PARTS IDENTIFICATION



1. Mounting plate assembly
2. Fan motor assembly
3. Remote control
4. Remote control holder
5. Plastic wire nut (small)
6. Plastic wire nut (large)

INSTALLATION

NOTE: These are approximate measures. They do not include amps and wattage used by the light kit.



WARNING: Electrical installation should be performed by a qualified licensed electrician.

**TOOL
REQUIRED**



Phillips
screwdriver



Flat blade
screwdriver



Adjustable
wrench



Step
ladder



Electric
drill



5 mm
drill bit



Wire
stripper



Electrical
tape



WARNING: To reduce the risk of fire, electric shock or personal injury, mount the fan to an outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or less using the screws provided with the outlet box. An outlet box commonly used for the support of lighting fixtures may not be acceptable for fan support and may need to be replaced. If in doubt, consult a qualified electrician.

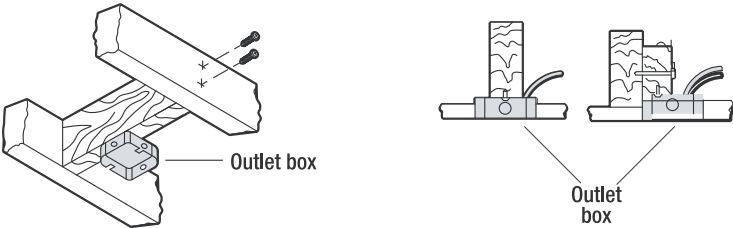
MOUNTING OUTLET BOX (if needed)

Note: Total weight of fan and light is 3.3lbs (1.5Kg).

The installation is to be in accordance with the National Electrical Code, ANSI/NFPA 70 and local codes. If your ceiling fan does not have an existing UL-listed mounting box, then install one using the following instructions:

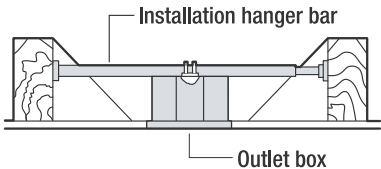
- Disconnect the power by removing the fuses or turning off the circuit breakers.
- Secure the outlet box (not included) directly to the building structure. Use appropriate fasteners and materials (not included). The outlet box and its bracing must be able to fully support the weight of the moving fan (at least 35 lbs.). Do not use a plastic outlet box.

The illustrations below show two different ways to mount the outlet box (not included).



Check that the outlet box is securely installed in place such that it is able to support at least the fan weight.

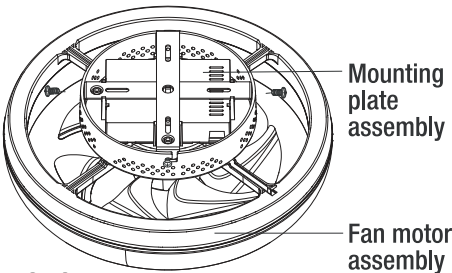
To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar (not included) as shown below.



HANGING THE FAN

STEP 1: LOOSEN THE MOUNTING SCREWS

Unscrew the two screws of the round hole fixing the mounting plate assembly on the fan motor assembly and unscrew the two screws of the L-shaped hole, and then remove the mounting plate assembly.



STEP 2: MAKING THE ELECTRICAL CONNECTIONS



WARNING: To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.



WARNING: Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire nuts (except for the ground wire).



WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.

If you feel you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

Follow the steps below to connect the fan to your household wiring. Use the plastic wire nuts (5+6) with your fan. Secure the plastic wire nuts (5+6) with electrical tape. Make sure there are no loose strands or connections.

1. Make wire connections as follows, using the wire nuts (5+6).

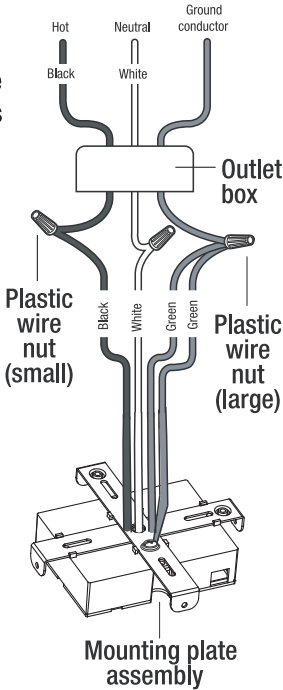
From Fan	To Outlet Box
Black Wire	Black Wire (Hot)
White Wire	White Wire (Neutral)
Green Wires*	Green or Bare Wire (Ground)

* There are two green grounding leads: one from the mounting plate assembly and one from the mounting bar.

2. Turn the wire nut connections upward, spreading them apart so the green (ground) and white wires will be on one side of the outlet box and the black and blue wires will be on the other side. Carefully tuck the connections up into the outlet box.

3. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.

The splices after being made should be turned upward and pushed carefully up into the outlet box.

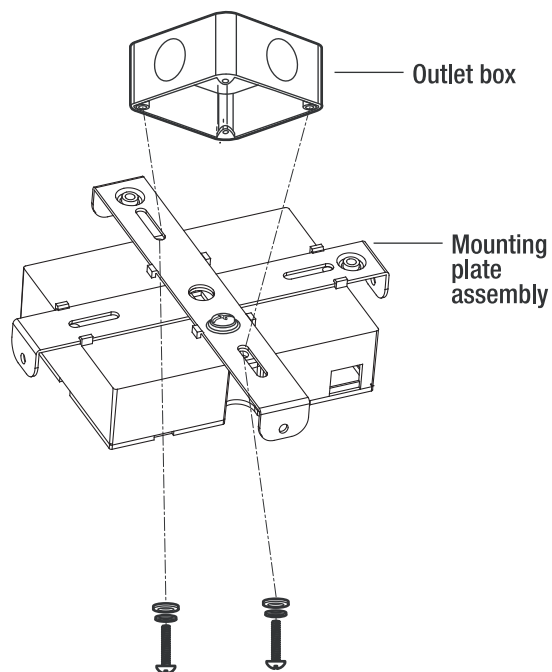


STEP 3: ATTACHING THE MOUNTING PLATE TO THE ELECTRICAL BOX

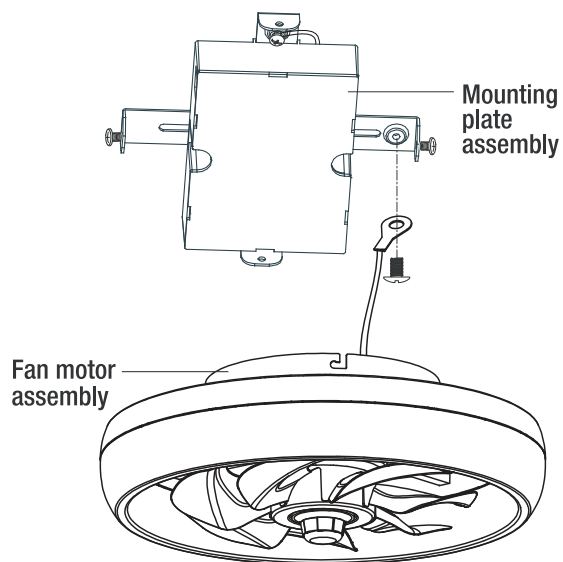


WARNING: To reduce the risk of fire, electric shock or other personal injury, mount the fan only to an outlet box or supporting system marked acceptable for fan support and use the mounting screws provided with the outlet box.

1. Attach the mounting plate assembly to the outlet box (not included) with two screws and washers provided with the outlet box. Ensure the mounting plate assembly is tight and secured.

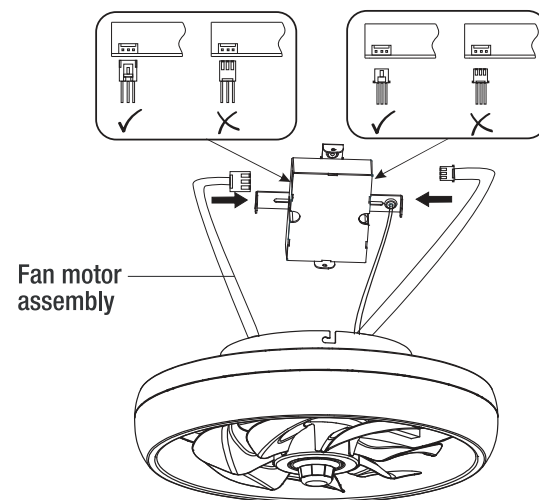


2. Unscrew two screws on the mounting plate assembly to secure the safety cable on fan motor assembly to the mounting plate assembly.



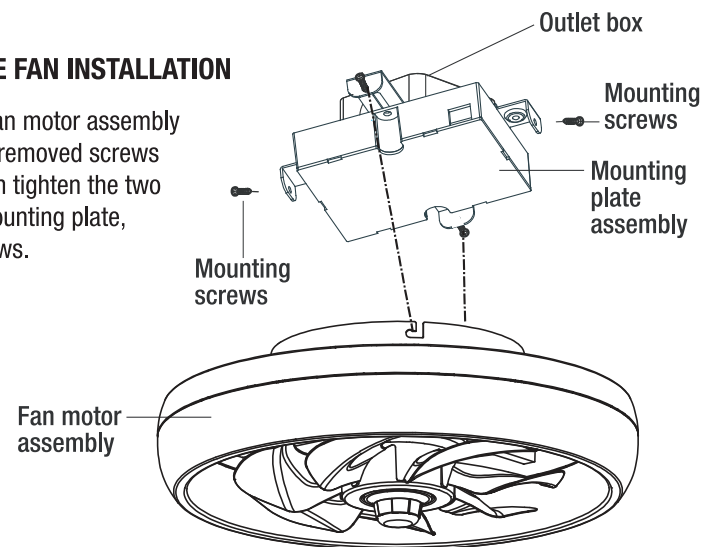
STEP 4: THE FAN MOTOR ASSEMBLY IS CONNECTED TO THE RECEIVER

Connect the light wire and motor wire on fan motor assembly to the receiver of the mounting plate assembly to the shape.



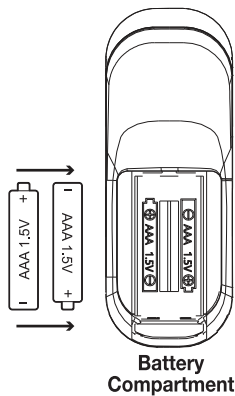
STEP 5: FINISHING THE FAN INSTALLATION

Align the key hole of the fan motor assembly with the loosened but not removed screws of the mounting plate, then tighten the two removed screws to the mounting plate, and tighten the other screws.



REMOTE BATTERY PLACEMENT

1. Press and slide down the battery compartment to open it.
2. Insert 2 new AAA batteries (included), following the correct polarity.
3. Once the batteries are inserted, place the cover back on.



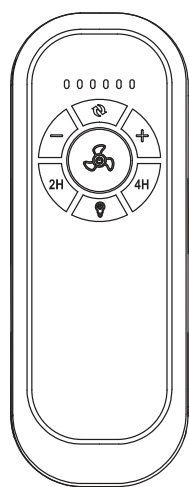
USING THE REMOTE

Remote working distance: up to 16 feet (5m)

NOTE: The remote has been pre-paired in the factory for your convenience.

NOTE: Batteries will weaken with age and should be replaced before leaking takes place as this will damage the remote control. Dispose of used batteries properly and keep them out of the reach of children.

NOTE: Each time a button is pressed on a remote, a short beep will sound.



o o o o o o The blue light shows the fan speed range.

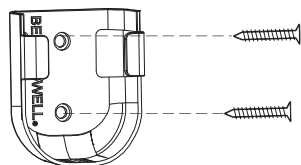
- Turn the fan forward or reverse.
- Turn the fan on/off.
- Press to decrease the fan speed.
- Press to increase the fan speed.
- Press to set 2 hour timer. Fan and lights will turn off after 2 hours.
- Press to control the light:
ON / 3500K (Warm) / 4500K (Daylight) / 5500K (Cool) / OFF
- Press to set 4 hour timer. Fan and lights will turn off after 4 hours.

MOUNTING OF REMOTE HOLDER

Using screws/anchors (included):

Insert each screw into the openings of the remote holder. Tighten to secure.

When the holder is installed, slide the remote into the holder.



FOR TWO OR MORE FANS

NOTE: If you have two or more fans, please follow steps below to control each fan independently.

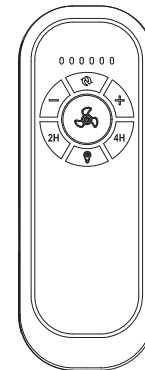
The learning process causes any installed fan within range to memorize a remote control.

To add a remote to your fan's memory, use the steps below:

- Ensure AC power to the fan is OFF to begin the learning process.
- Turn the fan's AC power ON.

NOTE: If installing multiple fans on separate remotes, only the fan being programmed should have AC power turned ON. All other fans, even if they have already been programmed, should have AC power OFF so they do not memorize other remotes during the learning process. Separate the fan power switches by approximately 2 meters.

- Turn on power supply switch. Long press the key within 3 seconds. If the fan makes a "bip" sound, means the fan is paired successfully. If the fan pairing fails, please try again after 10 seconds of shutting down the power.
- The fan will now accept commands from the added remote.



MAINTENANCE / CLEANING

- DO NOT use water when cleaning. Water could damage the motor, or the wood, or possibly cause an electrical shock.
- DO NOT apply oil to your fan or motor. The motor has permanently-lubricated sealed ball bearings.
- Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure. Because of the fan's natural movement, some connections may become loose over time. It is not necessary to remove the fan from the ceiling.
- Clean your fan periodically. Use only a soft brush or sealed with a lacquer to minimize discoloration or tarnishing.
- (Optional) Apply a light coat of furniture polish to the wood blades.
- (Optional) Cover small scratches with a light application of shoe polish.

SPECIFICATIONS

- 110-120V, 60Hz, 0.5A, Motor 12W, LED 24W
- 3100 Lumens
- Size: 14 inches
- 144 High Intensity LEDs
- 3 light settings: 3500K (Warm), 4500K (Daylight) and 5500K (Cool)

TROUBLESHOOTING



WARNING: Make sure the power is off at the electrical panel box before you attempt any repairs. Refer to step 3 “Making the electrical connections” on page 4.

Problem	Solution
The fan will not start.	• Check the main and branch circuit fuses or breakers. • Check the line wire connections to the fan and switch wire connections in the switch housing.
The fan sounds noisy.	• Make sure all motor housing screws are snug. • Make sure the screws that attach the fan blade arm to the motor hub are tight. • Make sure the wire nut connections are not rattling against each other or the interior wall of the switch housing. • Allow a 24-hour "breaking-in" period. Most noises associated with a new fan disappear during this time. • If using the ceiling light kit, make sure the screws securing the glassware are tight. Check that the light bulbs are also secure. • Make sure there is a short distance from the ceiling to the canopy. It should not touch the ceiling. • Make sure your ceiling box is secure and that rubber isolator pads are used between the mounting bracket and outlet box.

CAUTION: The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.