



TRAK

EDGE

INSTALLATION GUIDE

9886

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INSTALLATION

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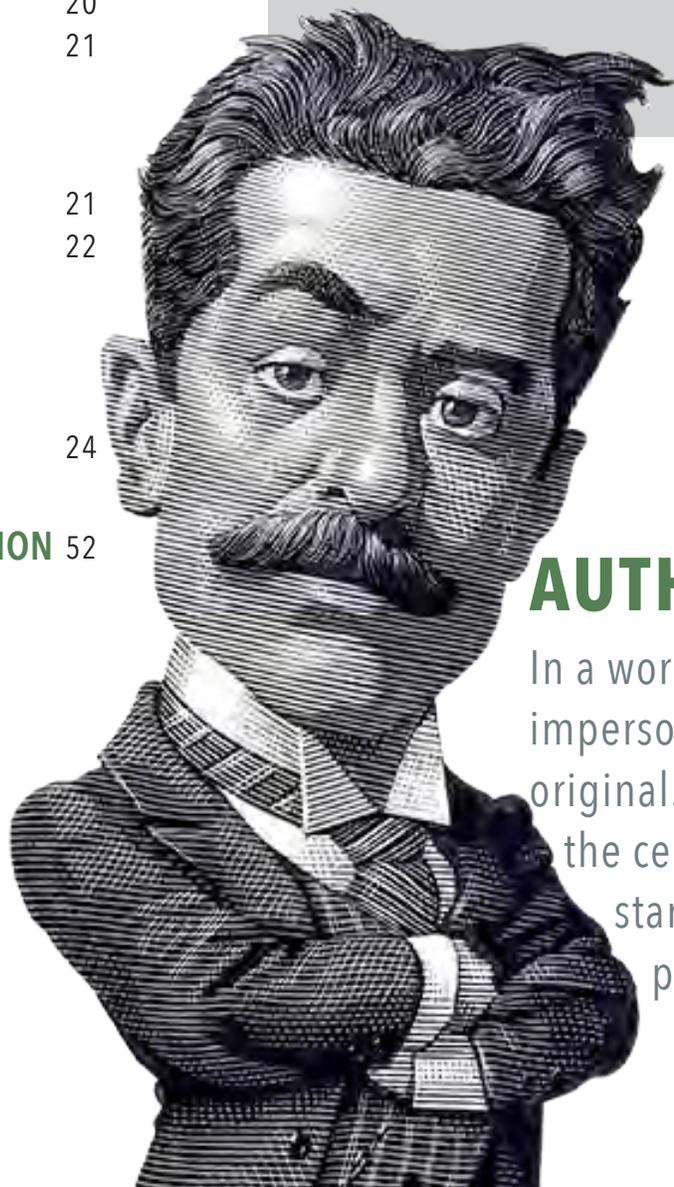
HMI CONTROLS 24



LIGHT KIT INSTALLATION 52

LEGACY

The Hunter legacy is not only about quality—it's about longevity. We invented the ceiling fan. We build fans that last, fans that are designed as fans. We design our fans while considering each person in the process—from the installer to the owner.



AUTHENTICITY

In a world full of impersonators, be an original. We invented the ceiling fan, and we stand behind our products.

Hunter



BEFORE YOU BEGIN

SAFETY & PRECAUTIONS

Important Safety Information

To prevent SERIOUS INJURY, DEATH, and PROPERTY DAMAGE, you should read, understand, and follow the warnings and instructions in this manual before installing or operating the fan.

 **READ AND SAVE THESE INSTRUCTIONS.** This manual must always be kept with the fan and should remain with the fan if it is transferred or sold. Always give manual to fan owner following installation.



WARNING



FIRE, ELECTRIC SHOCK AND CRUSH HAZARDS.

TO PREVENT SERIOUS INJURY OR DEATH:

- To reduce the risk of fire, electrical shock, or personal injury, mount fan directly from building structure and/or an outlet box marked acceptable for fan support of 70 lbs (31.8 kg) and use the mounting screws provided with the outlet box.
- To avoid possible electrical shock, before installing or servicing your fan, disconnect the power by turning off the circuit breakers to the outlet box and associated wall switch location. If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the service panel.
- To reduce the risk of electric shock, this fan must be installed with an isolating wall control/switch.
- To reduce the risk of personal injury, do not insert foreign objects in between rotating fan blades.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. It is recommended that children be supervised to ensure that they are not using the appliance improperly.
- To reduce the risk of fire or electric shock or injury to persons, do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

Installation, Adjustment, Repair or Maintenance Must Be Performed By Qualified Personnel.

Follow all safety practices and instructions during the installation, operation and servicing of the fan. Failure to apply these safety practices could result in death or serious injury. If you do not understand the instructions, please call our Technical Department at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com for guidance.

Always Check Federal, State and Local Codes Before Installing Fan.

Code compliance is the responsibility of the installer. Check all relevant codes to make sure that all product certifications, product listings and building regulations are met.





BEFORE YOU BEGIN

SAFETY & PRECAUTIONS

WARNING **ELECTRIC SHOCK HAZARD**

TO PREVENT SERIOUS INJURY OR DEATH:

- **BEFORE** installing or servicing your fan, **ALWAYS** disconnect the power by turning off the circuit breaker or breakers, to the fan locations and confirm Lockout/Tagout procedures are in place. If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the electrical panel.
- All wiring must be in accordance with national and local electrical codes, including ANSI/NFPA 70. If you are unfamiliar with wiring or in doubt, consult a qualified electrician.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. Input current is 0.13A for the 240V and 0.25A for the 120V, Power factor is >0.9 for the contained light source.
- Do not use an extension cord with fan.
- Do not remove covers while power is on.
- Do not use improper voltage source.

All fan controls and incoming power should be installed only by qualified technicians familiar with the requirements of the National Electrical Code and local codes. Failure to follow these guidelines will void the manufacturer's warranty.

All electrical controls are configured at the factory and are ready to use. No user adjustments are available. Follow the included installation instructions when installing this device to ensure proper operation. Do not make any changes to any part of the fan without first consulting Hunter Industrial. Installation is to be in accordance with ANSI/NFPA 70: National Electrical Code and local codes.

The user is responsible for compliance with all international and National Electrical Code requirements with respect to grounding of all equipment. Many of the parts of this unit operate at line voltage.

Before installing, servicing, or cleaning the unit, switch power off at the service panel, lock the service disconnecting means, and confirm Lockout/Tagout procedures are in place to prevent power from being switched on accidentally. When the service disconnect means cannot be locked, securely fasten a prominent warning sign, such as a tag, to the service panel.

To reduce the risk of electric shock, serious injury, and death, only use this unit as intended by the manufacturer. If you have any questions, call our Technical Department at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com.





BEFORE YOU BEGIN

SAFETY & PRECAUTIONS



WARNING



CRUSH HAZARD

Important Safety Information

To prevent **SERIOUS INJURY, DEATH, and PROPERTY DAMAGE**, you should read, understand, and follow the warnings and instructions in this manual before installing or operating the fan.

To prevent serious injury or death, ALWAYS attach the Retention Cable to the fan motor and secure to the building structure on EVERY fan.

The Retention Cable, if installed per Hunter Industrial specifications, can limit the distance the fan could fall in the unlikely event of mounting system failure. Failure to install and to secure the retention cable will void your warranty.

Weight and Torque Considerations

Hunter Fan provides guidelines for mounting fans; however, it is the sole responsibility of the building owner and installer to ensure the safety of the mounting system and Retention Cable, the building structure is sound, and the installation complies with all federal, state and local codes.

Always use Personal Protective Equipment

You should always wear Personal Protective Equipment, such as a Hard Hat, Safety Glasses, and a Fall Harness when installing industrial fans.

Damaged Equipment

Never operate or install any fans or fan accessories that appear to be damaged. Failure to follow this instruction can result in death, serious injury or equipment damage.

To reduce the risk of personal injury, do not bend the blades or blade holders when installing or cleaning the fan.

Do not insert foreign objects in between rotating fan blades.

Service

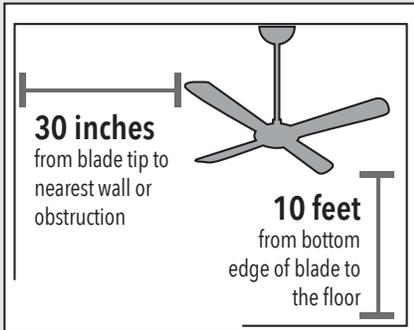
If the fan does not operate properly using the procedures in this manual, remove all power to the unit and contact our Technical Department for further assistance at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com.



BEFORE YOU BEGIN

CHOOSE THE RIGHT LOCATION

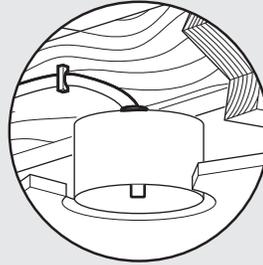
Check the room dimensions:



NOTICE

Ensure fans distance is twice the diameter of the fan from the air discharge locations.

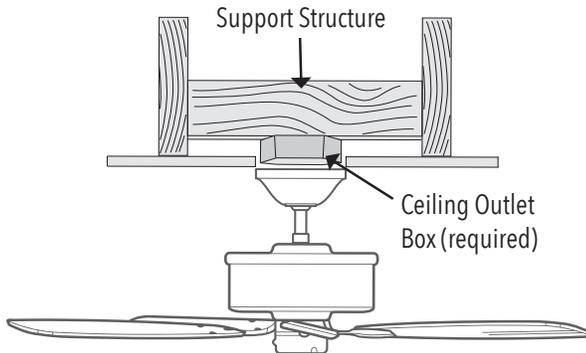
Check the outlet box:



You must be able to secure the fan to building structure or fan-rated outlet box and clearly marked acceptable for fan support of 70 lbs (31.8 kg) or less.

Checking the Ceiling Angle:

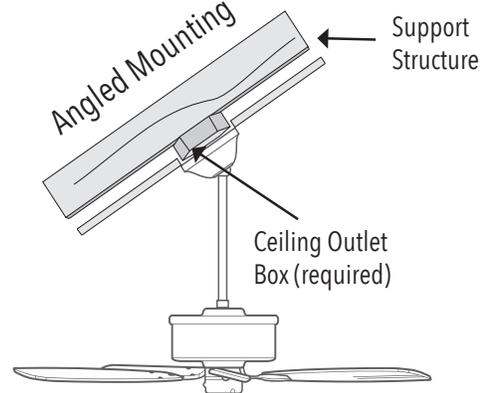
Standard Mounting



If you have a flat ceiling:

1. Hang your fan by a standard downrod. For tall ceilings you may need a longer downrod.

Angled Mounting



If you have an angled or vaulted ceiling:

1. You will need a longer downrod.

Angled Mounting

A little more information on Angled Mounting:

For optimum performance and appearance, a longer downrod should be used with your Hunter ceiling fan when installing on high or angled ceiling.

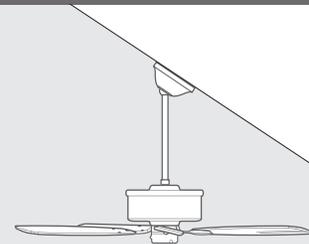
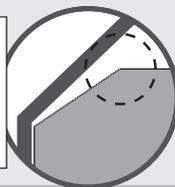
NOTICE

Fan can not be mounted on to a ceiling with an angle greater than 34°

Hunter Pro Tip:

Determining angle of ceiling:

Fold on the dotted line. Place long edge against the wall. Slide towards the ceiling. If the guide touches the wall but not the ceiling, your ceiling is greater than 34°.



WALL

34°

CEILING



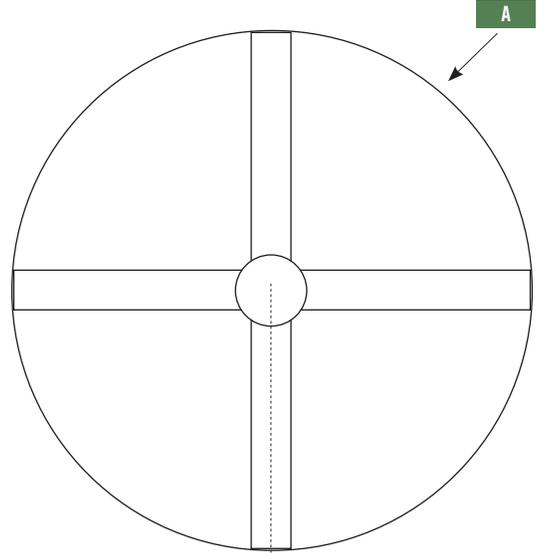
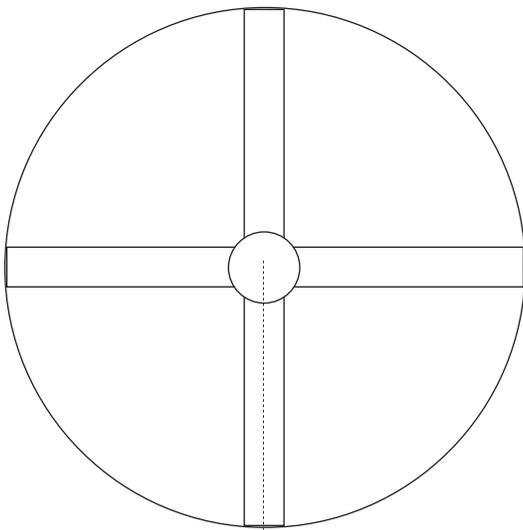
BEFORE YOU BEGIN

FAN PLACEMENT

FAN PLACEMENT

FAN SPACING CHART

TRAK EDGE	
A	B
DIA	MIN-MAX
8 ft (96")	20ft - 32ft
7 ft (84")	18ft - 28ft
6ft (72")	16ft - 24ft
5ft (60")	14ft - 20ft



**▲ ALWAYS MOUNT FAN SO THE BOTTOM EDGE OF BLADE TO THE FLOOR IS AT LEAST 10 FEET.**

Always mount fans away from the following:

Sprinkler Systems

Prior to installing fans, review all codes applicable to sprinkler systems and fans to ensure code compliance and refer to NFPA 13: Fire Sprinkler System Installation. In any installation where fire sprinklers are present, the fan should not interfere with their operation.

- Fans should be located at least 3 feet below a sprinkler deflector.
- Fans should be centered between 4 adjacent sprinklers.

It is your responsibility that the installation complies with the applicable codes. For assistance, please call our Technical Department at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com.

Walkways and Mezzanines

If the building has elevated walkways or mezzanines, mount the fans so that a person cannot reach the rotating blades in any way. Position fans so that the tips of the blades are at least 5 feet away from any area where a person may be able to extend outward to reach them.

Lights and Skylights

If possible, avoid mounting fans directly below lights or skylights to avoid any strobe effect caused by moving blades.

There should be a minimum of 2 feet between the blades and any light fixture.

Air Discharge Locations

Fans should not be located directly beneath or in line with any air discharge. This includes air conditioning units and evaporative coolers. Such equipment can be used effectively in conjunction with ceiling fans however the discharge of the unit must be located outside the swept area of the fan and at a distance of at least two times the diameter.



BEFORE YOU BEGIN

PRE-INSTALLATION CHECKLIST



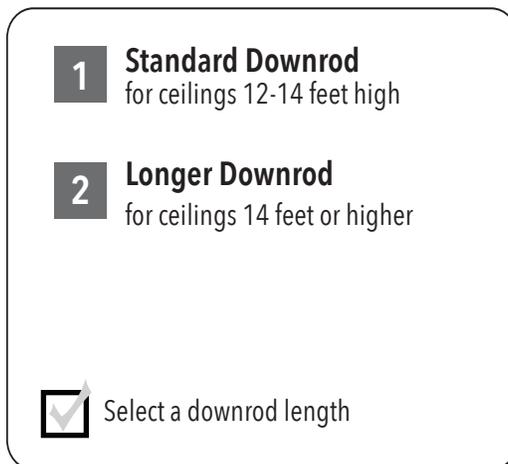
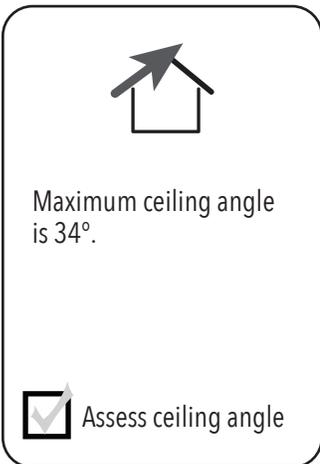
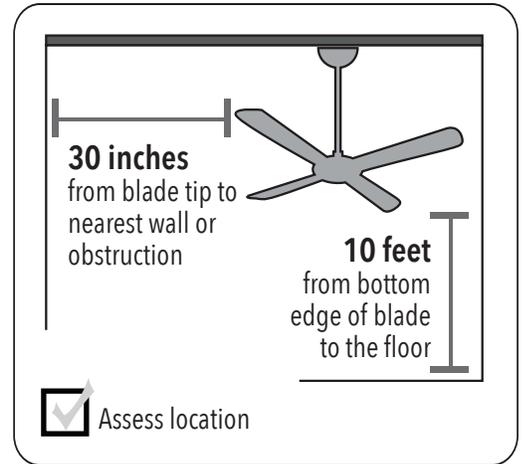
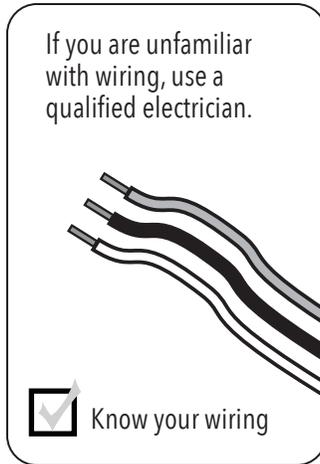
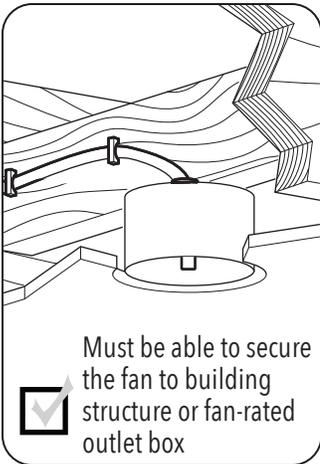
The location of the fan will allow for a minimum of 2 feet of blade clearance from any obstruction and at least 10 feet of clearance above the floor.



If installing multiple fans, reference the fan placement chart for optimal spacing.



The control panel voltage markings (either 100-120VAC or 220-240VAC at 50/60Hz) should match your buildings supply power.



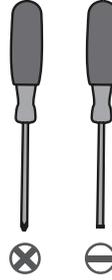


BEFORE YOU BEGIN

TOOLS NEEDED

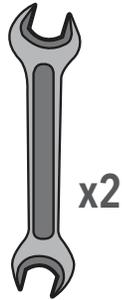


Ladder

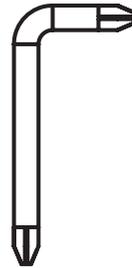


Screwdrivers

Included



1/2" M4 Wrench



Right Angled Screwdriver



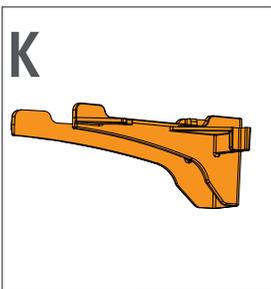
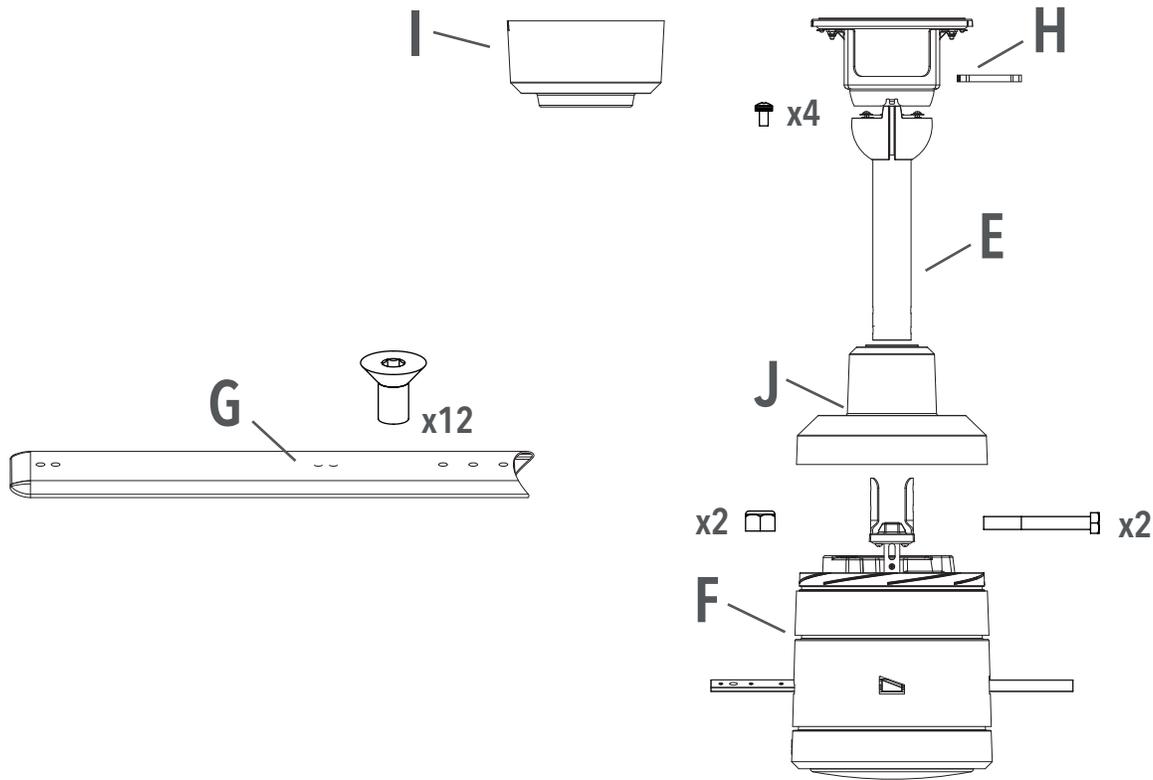
Allen Wrench



BEFORE YOU BEGIN

IN THE BOX

FAN COMPONENTS



- E (1) Downrod
- F (1) Motor
- G (4) Blades
- H (1) Ceiling Bracket
- I (1) Canopy
- J (1) Motor Housing Cover

- K (1) Hanger Bracket Guide
- L (1) Installation Manual (not shown)



INSTALLATION

STEP 1: CEILING BRACKET

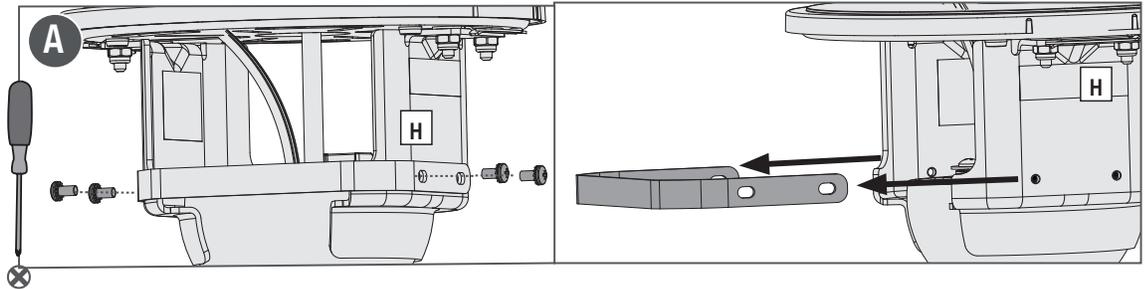
⚠️ WARNING CRUSH HAZARD

To prevent **SERIOUS INJURY** or **DEATH**, **ALWAYS** mount fan directly from building structure or outlet box marked acceptable for fan support of 70 lbs (31.8 kg).

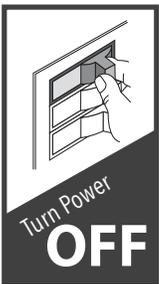
- For any questions or concerns regarding the building structure, consult a structural engineer.

A

Remove the four screws from the restraining bracket and set aside. Remove the restraining bracket from the hanging bracket (H) and set aside.

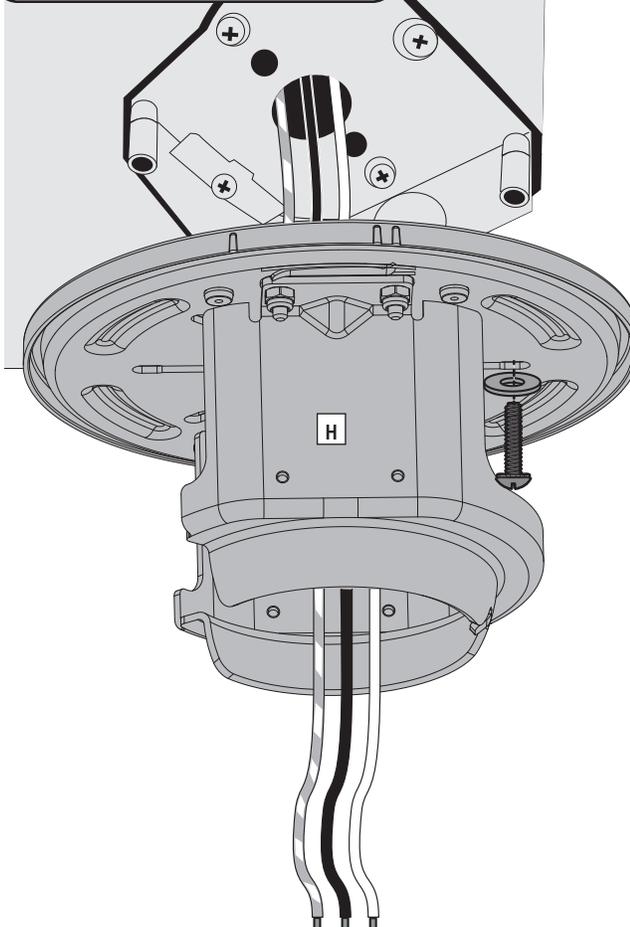


Remove any existing bracket prior to installation. **Only use the provided Hunter ceiling bracket that came in your fan's box.**



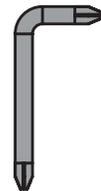
Do this first!

⚠️ WARNING 
To avoid possible electrical shock, before installing your fan, disconnect the power by turning off the circuit breakers to the outlet box associated with the wall switch location.



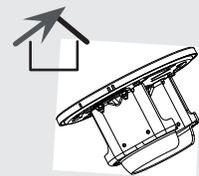
Machine Screws

Use machine screws (provided with outlet box) and washers when securing to existing ceiling fan-rated outlet box. Make sure it is securely installed and is acceptable for fan support of 31.8 kg (70 lbs) or less.



ANGLED MOUNTING TIP

For angled ceilings, point opening toward peak.



If you are unable to do this, call Technical Department at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com for guidance.

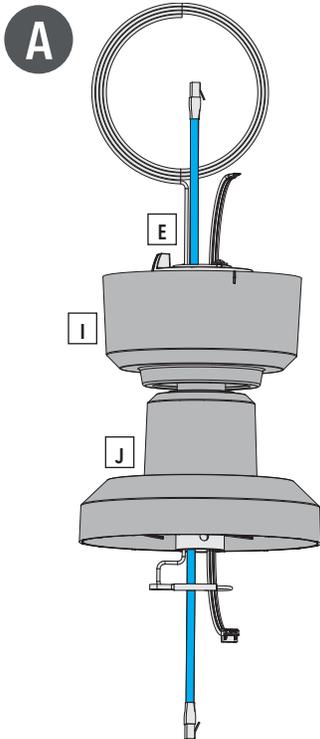


INSTALLATION

STEP 2: DOWNROD

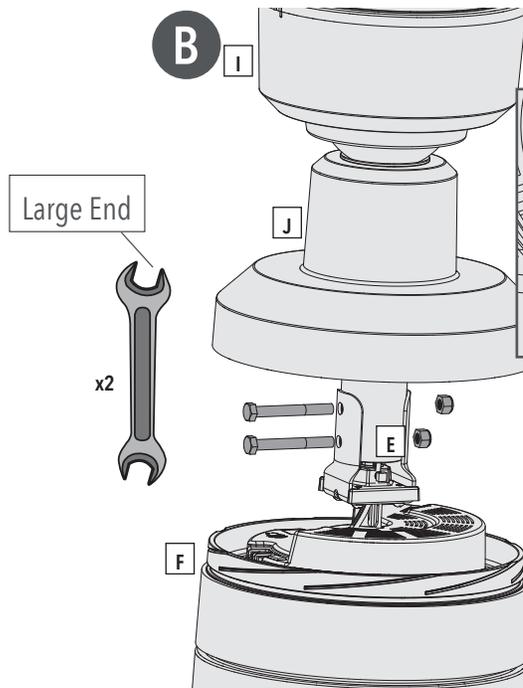
A

Place the preassembled downrod (E) through the canopy (I) and upper motor housing (J).



B

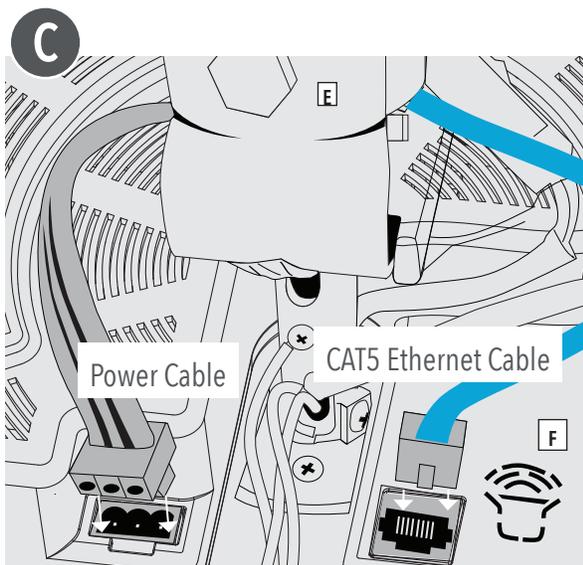
Place the bottom of the downrod into the bracket of the fan while aligning the holes. Make sure power cable is facing the power port to ensure a connection. Place a bolt through each hole and secure each bolt with a nut.



C

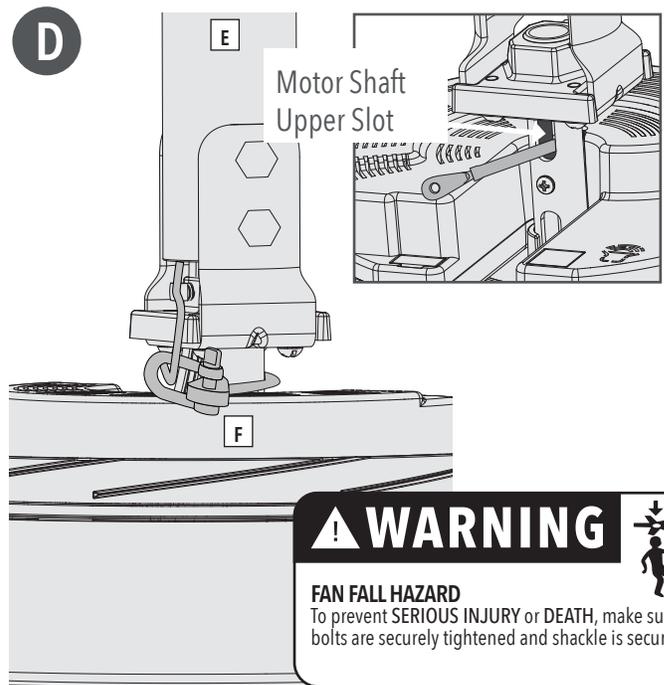
Connect the power cable from the downrod to the fan.

Connect the CAT5 Ethernet cable (communication cable) from the downrod to the fan.



D

Attach the secondary hanging cable to the fan by threading the cable eye through the upper slot of the motor shaft. Attach the D-shackle to the wire as shown and secure by screwing the pin through unthreaded wall of shackle and the cable eye into the threaded wall of shackle until it is tight.



⚠ WARNING
FAN FALL HAZARD
To prevent **SERIOUS INJURY** or **DEATH**, make sure bolts are securely tightened and shackle is secure.



INSTALLATION

STEP 3: MOTOR ASSEMBLY

⚠️ WARNING



CRUSH HAZARD. To prevent **SERIOUS INJURY** or **DEATH**, **ALWAYS** attach the Retention Cable to the fan motor and secure to the building structure on **EVERY** fan.

A

Lower the upper motor housing (J) and twist clockwise to secure. Ensure the fan is sealed by eliminating any gap between the housing and fan.

B

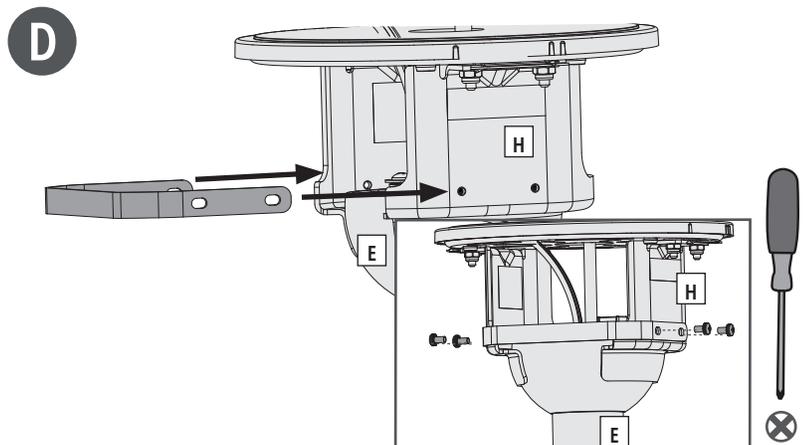
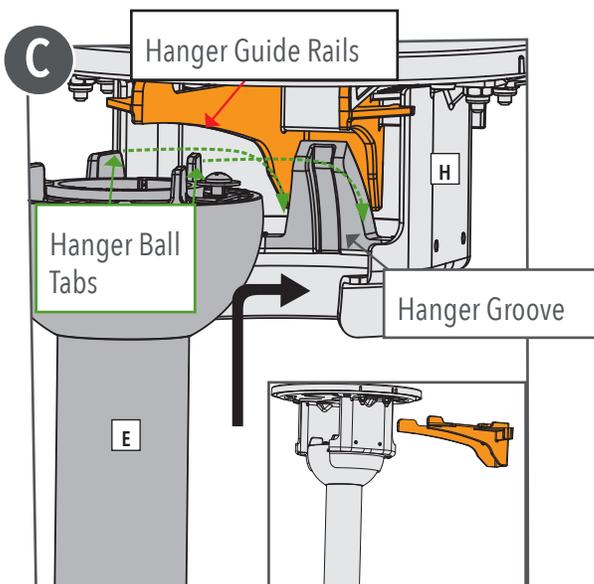
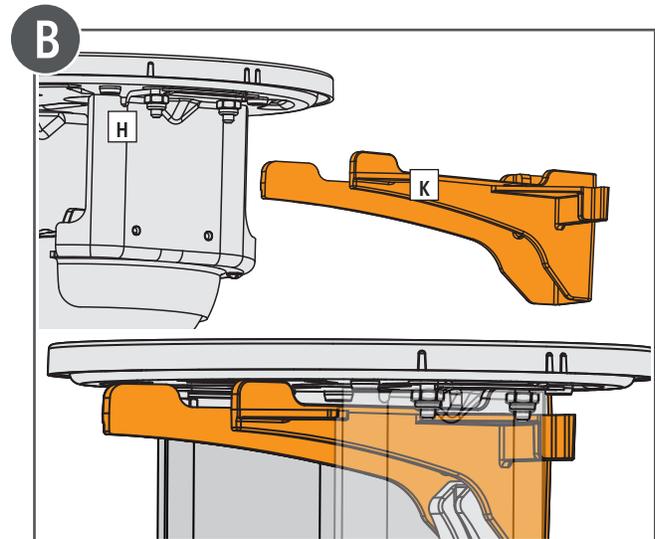
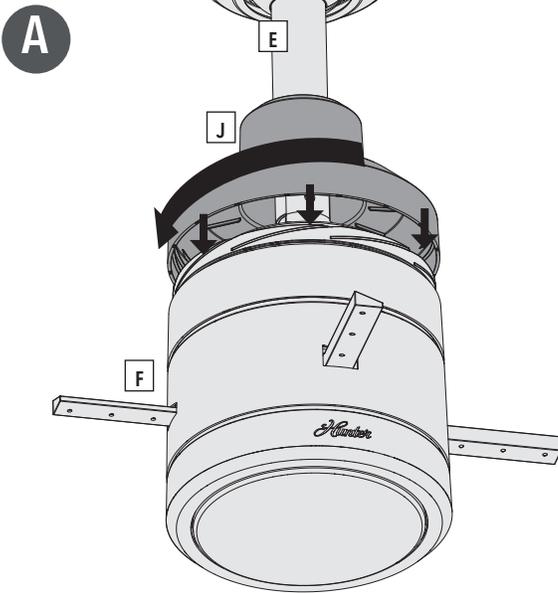
Place hanger guide (L) through the back of the hanger bracket (H) until the back of the guide and bracket are flush. It should snap into place when correctly installed.

C

Lift motor assembly and insert hanger ball into hanger bracket (H), guiding the hanger ball tabs along the hanger guide rails until the hanger ball is secure. The hanger groove should be in between both hanger ball tabs. **REMOVE HANGER GUIDE FROM BRACKET** by squeezing ends together and sliding away from bracket.

D

To secure the motor assembly take the restraining bracket and place over the ceiling bracket and align the holes. Insert and secure a screw into each hole.





INSTALLATION

STEP 4: RETENTION SYSTEM

WARNING



CRUSH HAZARD. To prevent **SERIOUS INJURY** or **DEATH**, ALWAYS attach the Retention Cable to the fan motor and secure to the building structure on **EVERY** fan.

A

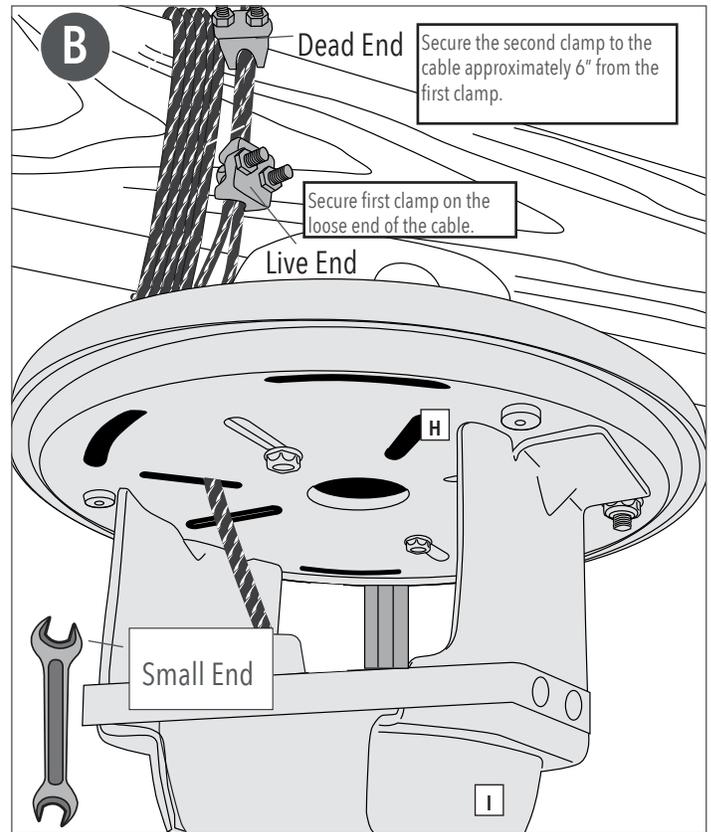
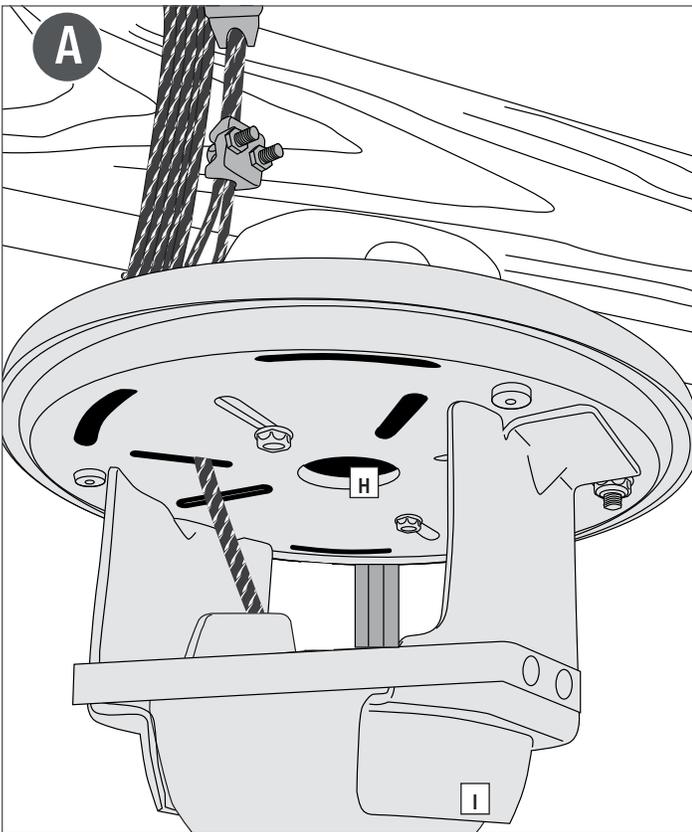
Wrap retention cable around building structure that can withstand double the installed fan weight. Use mounting slot in the canopy to allow the retention cable to pass out of the canopy and through the gasket.

B

Secure remaining cable to itself with cable clamps.

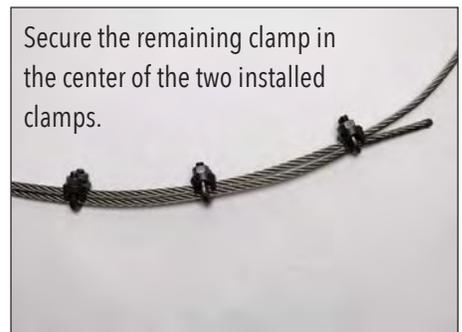
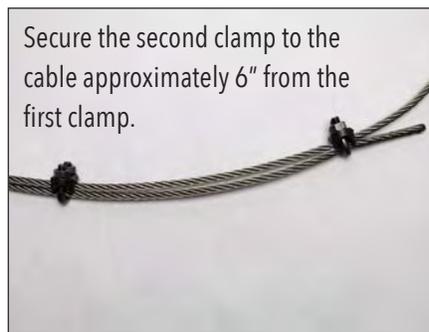
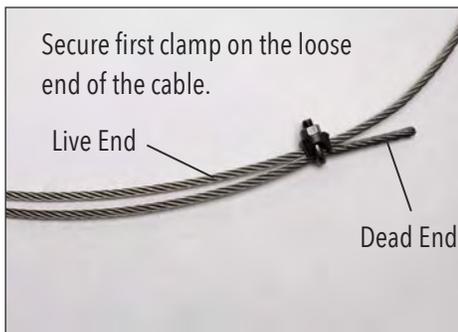
NOTICE

Leave approximately 3" of slack in the wire and the cable, at the top of the downrod opening.



NOTICE

Orient the U-bolt on the "dead" end of the retention cable and the clamp on the "live" portion of the retention cable. If done incorrectly, the U-bolt could crush the wire when tightened and can reduce the strength of the wire.



**WARNING****ELECTRIC SHOCK HAZARD****Electric Shock Hazard.**

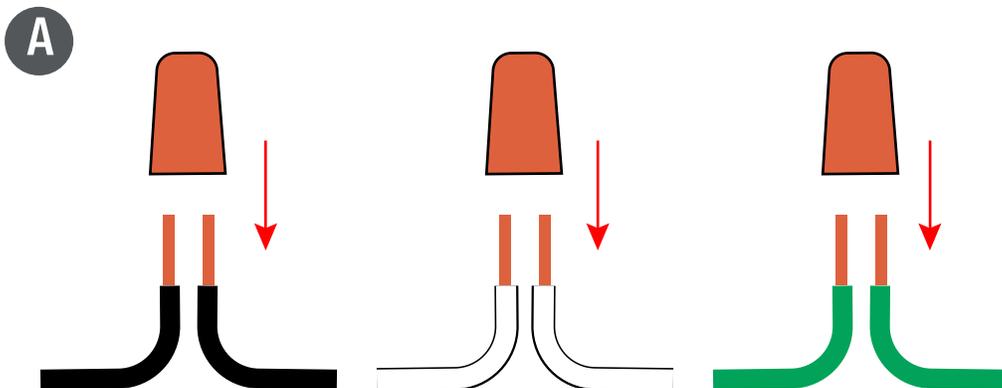
To prevent serious injury or death:

- **BEFORE** installing or servicing your fan, **ALWAYS** disconnect the power by turning off the circuit breaker or breakers to the fan locations and confirm Lockout/Tagout procedures are in place.
- If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the electrical panel.
- All wiring must be in accordance with national and local electrical codes, including ANSI/NFPA 70. If you are unfamiliar with wiring or in doubt, consult a qualified electrician.

A

Using orange wire nuts, connect each corresponding wire from the mainline to the fan.

- Hot wire from mainline to hot wire from the fan.
- Neutral wire from main line to neutral wire from the fan.
- Ground wire from neutral to ground wire from the fan.

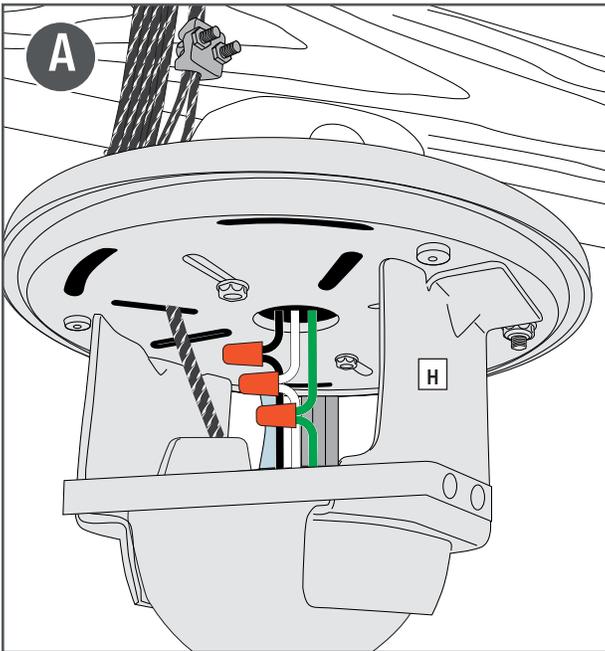
**Connecting Wires with Wire Nuts**

Push the bare metal ends of the wires together and slide a wire nut over them. Then, twist the wire nut clockwise until tight. **Give it a gentle pull to make sure none of the wires are loose.**



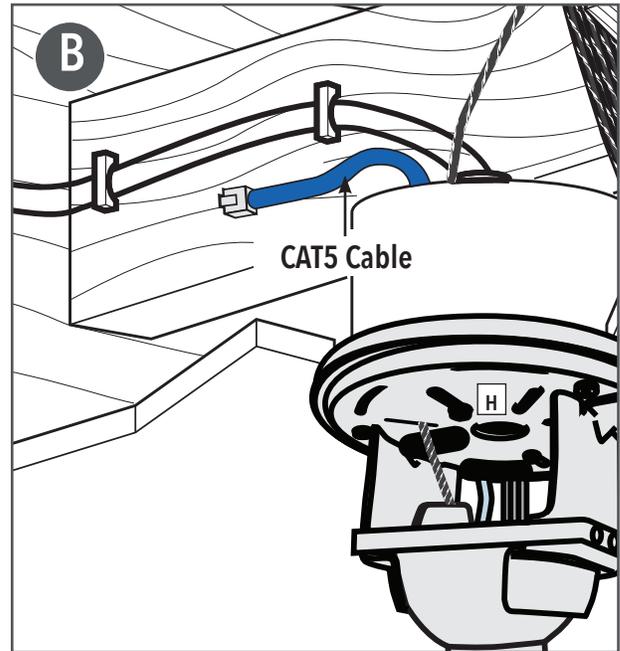
A

Ensure that all wires are organized inside of the ceiling bracket (H).



B

The CAT5 cable will be disconnected and ready for wired connection if needed.



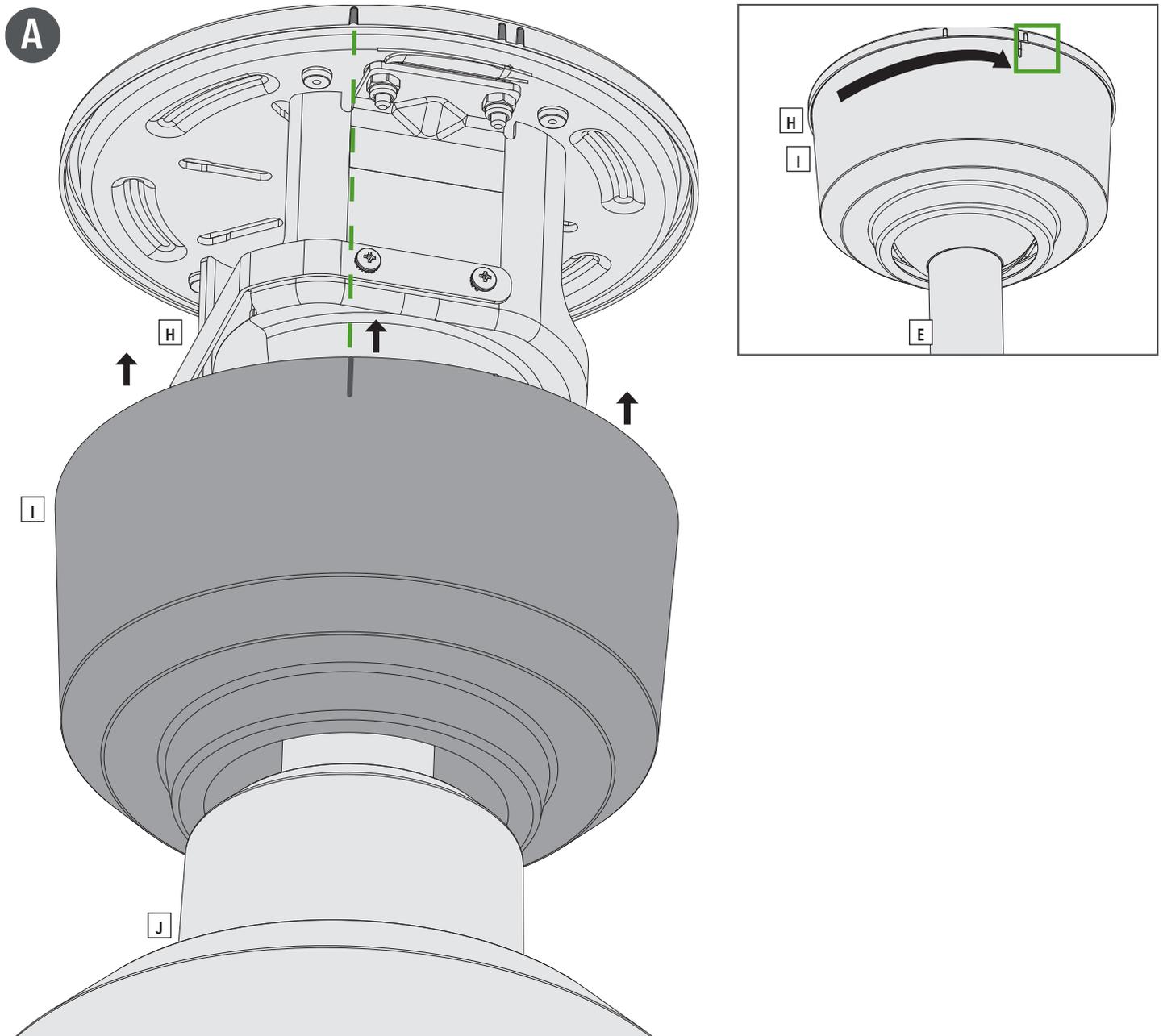
Have Extra Wiring?

Turn the wires upward and push them carefully back through the hanger bracket into the outlet box. Spread the wires apart, with the grounded wires on one side of the outlet box and the ungrounded wires on the other side of the outlet box. Make sure that the wires are still attached to the wire nuts.



A

Position power connector and excess wiring inside the ceiling bracket.
Lift the canopy and align the single ridge on the canopy with the single ridge on the ceiling gasket. Twist clockwise to secure. The single ridge of the canopy will align with the two ridges of the ceiling gasket.





INSTALLATION

STEP 7: BLADES

A

Match blade with colored circle to blade iron with the same colored circle. Slide blade over blade iron and align the blade screw holes with the blade iron holes.

B

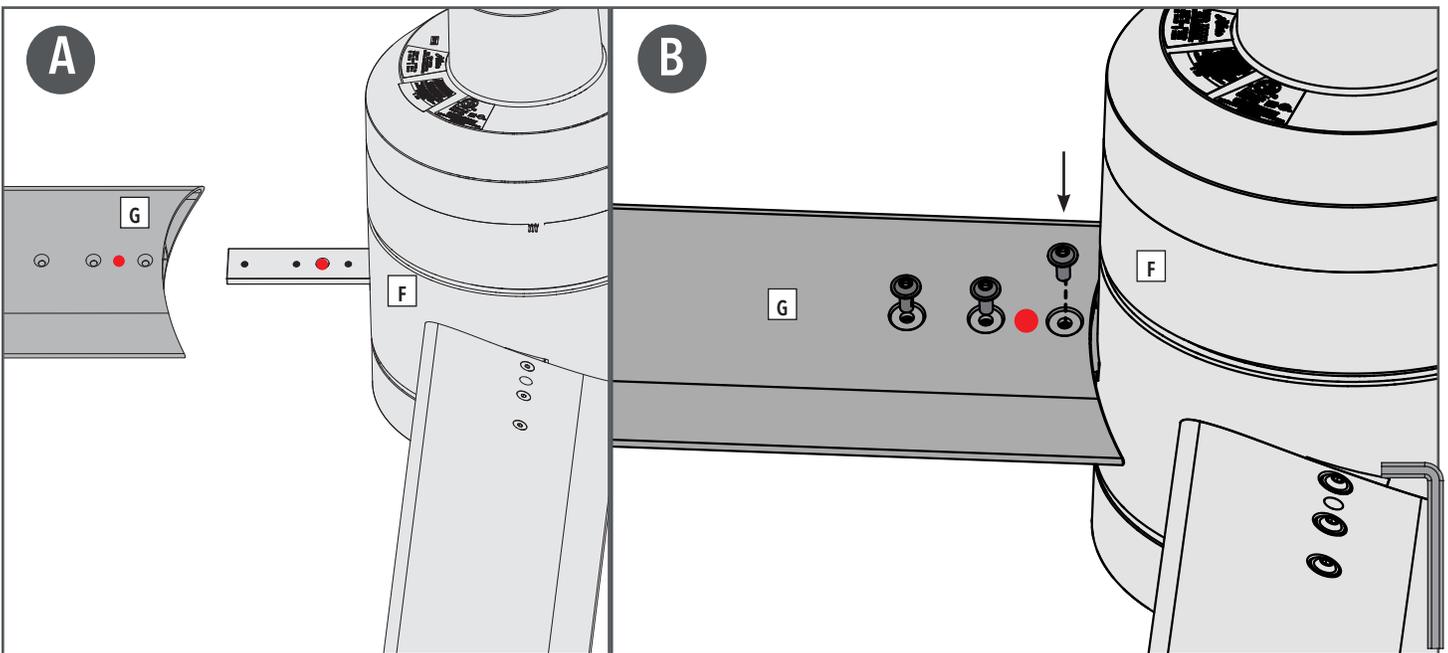
Insert a screw into the remaining two screw holes. Tighten both screws.

C

Repeat for each blade.

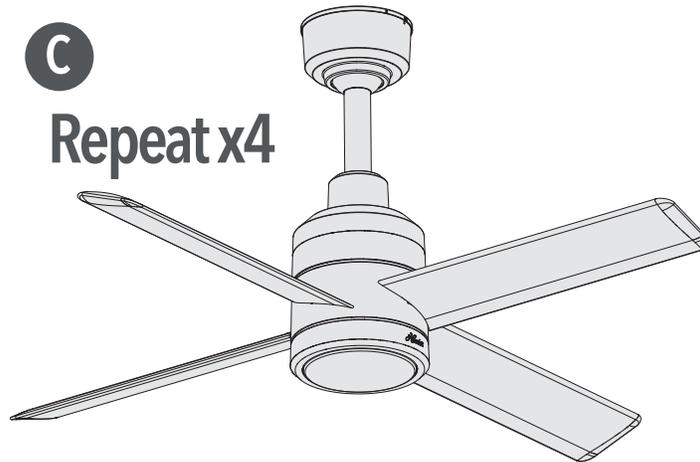
NOTICE

ALWAYS confirm the colors on each fan blade holder matches the colors on the blade. This will ensure that the fan is properly balanced to prevent possible damage due to wobble. To reduce the risk of personal injury, do not bend the blades or blade holders when installing the fan.



C

Repeat x4





INSTALLATION

STEP 8: CONTROL METHOD

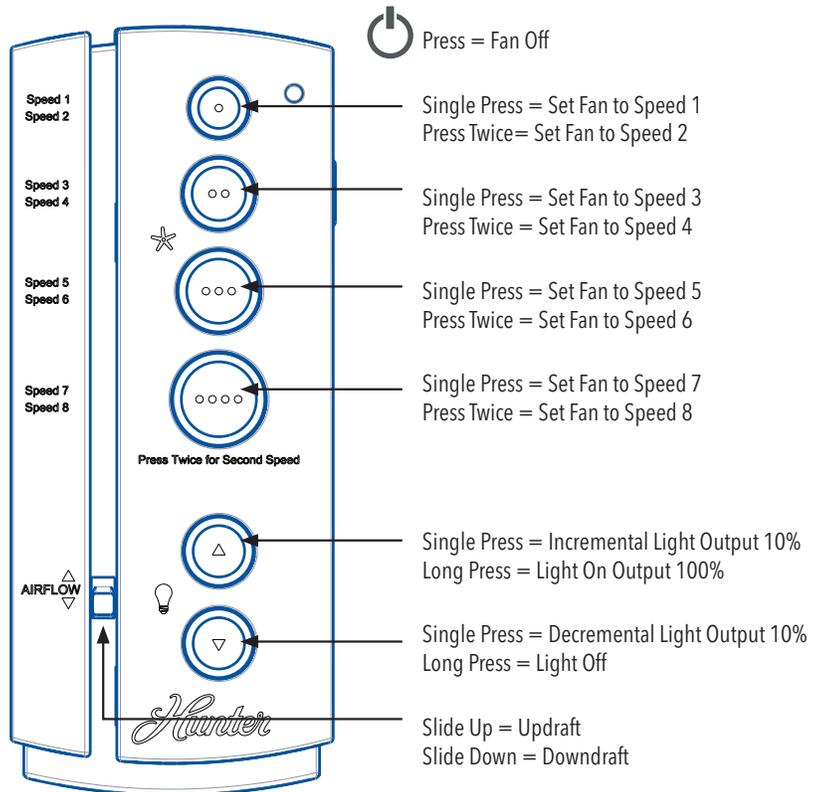
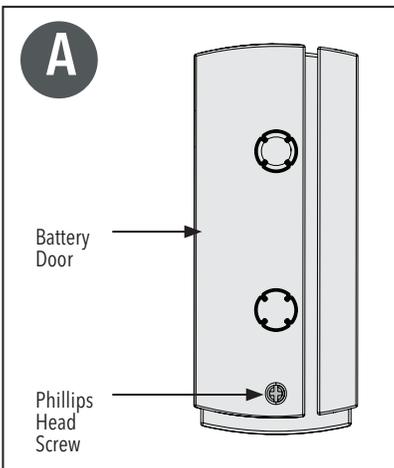
A NOTICE

Toggle dimming mode by holding OFF (⏻) and quickly press Light Down (▽) two times

To access the battery compartment, remove the small Phillips head screw that secures the battery door to the transmitter assembly. The battery should be installed with the positive (+) side up. Replace with a CR2032 battery when necessary.

The remote transmitter is already paired to the receiver and ready to use.

Note: If you would like to operate multiple fans or multiple remotes, or if your remote is not working, please see the Troubleshooting section at the end of this manual.



WARNING INGESTION HAZARD: This product contains a button cell or coin battery.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

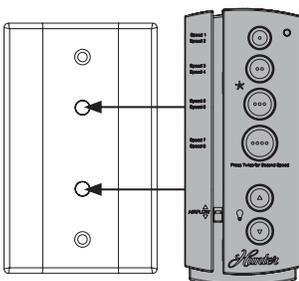
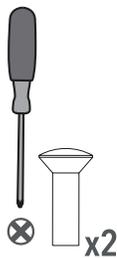


B

Your remote comes with three mounting options.

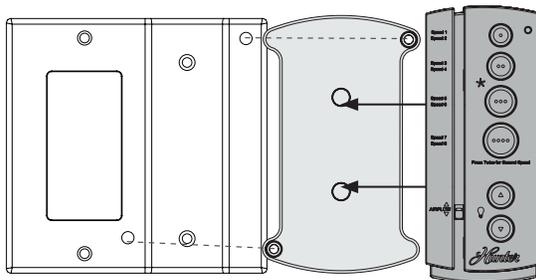
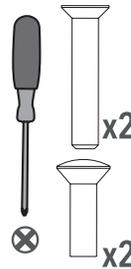
B.1

Option one is a wall plate that has two posts on which to mount your remote transmitter when not in use.



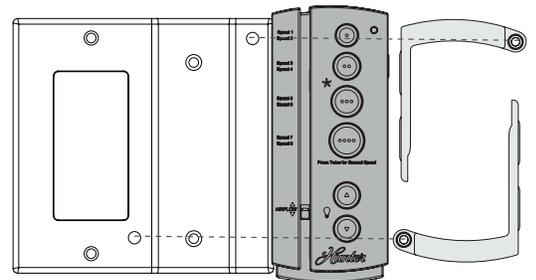
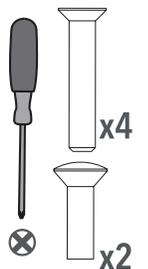
B.2

Option two and three use an extended wall plate that replaces your pre-existing light switch plate. Option two combines the extended wall plate with an additional plate that has two posts on which to mount your remote transmitter when not in use. Install the extended wall plate. Then install the secondary plate to the extended wall plate.



B.3

Option three adds two cradle arms overtop of the remote transmitter onto the extended wall plate. This locks the remote transmitter into place so that it can only be removed by removing the two cradle arms.





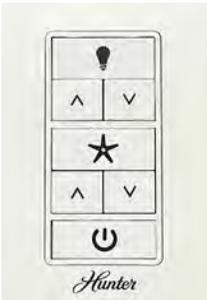
C

In order to control multiple fans with one controller, use the following wired wall controls of your choosing.

Refer to the user manual that the controller came with for further instructions on how to operate the fan.

C.1

Basic Wall Control
P/N: 78240



C.2

3" Touchscreen Wall Control
P/N: 74224



C.3

4" Touchscreen Wall Control
P/N: 74225



**WARNING****ELECTRIC SHOCK HAZARD****TO PREVENT SERIOUS INJURY OR DEATH:**

- **BEFORE performing maintenance or service, ALWAYS disconnect the power by turning off the circuit breaker or breakers to the fan locations and confirm Lockout/Tagout procedures are in place.**
- **If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the electrical panel.**
- **Do not remove covers while power is on.**

Blade Cleaning

Depending on the commercial application, dust or other particulates can build up on the fan blades over time. At least every 12 months, a maintenance person or skilled trade professional should clean the blades using a rag or sponge and hot water or regular cleaning solutions. DO NOT use chlorine or any chemicals containing chlorine as they may cause damage to the blades.

Retention System Check

Each fan is installed with a retention system. Every 12 months, check that the Retention Cable is properly attached to the building structure. Inspect the visible portions of the Retention Cable for damage, including fraying.

The Retention Cable is an important part of the safety system and protects users in the unlikely event of a catastrophic situation. It is critical for fan owners to ensure that it is intact and properly secured.

Replacement Parts

Please call 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com for replacement parts.

Service

If the fan does not operate properly using the procedures in this manual, follow Lockout/Tagout procedures for your facility and lockout all power to the unit and contact our Technical Department for further assistance at 1-844-591-FANS (3267), or email us at: fansupport@hunterfan.com.



Symptom	Possible Solution
FAN WILL NOT START	<ul style="list-style-type: none">• Verify that the fan's circuit breaker has power and that it is on.• Check for secured plug connections. Each connection should be checked to ensure they are fully engaged.• Inspect for loose wiring connections. Each termination should be checked to be sure they are firmly tightened.
FAN IS "SWINGING" AS IT RUNS	<ul style="list-style-type: none">• Check for correct fan blade installation. Be sure that all blades have been properly installed according to color and are tightened.• Ensure all downrod hardware has been tightened.• Ensure fans distance is twice the diameter of the fan from the air discharge locations.
A FAN BLADE APPEARS TO BE 'SAGGING'	<ul style="list-style-type: none">• Make sure that the 'sagging' blade has been properly tightened.
TO PAIR A REMOTE TO A FAN(S):	<ul style="list-style-type: none">• Turn OFF Power to Fan for at least 5 sec, and then restore Power. Hold down both the "Fan OFF" and "⊙" button at the same time. The remote LED will flash after several seconds. Fan will emit audible "BEEP" to confirm the operation.
TO UNPAIR A REMOTE FROM A FAN(S):	<ol style="list-style-type: none">1. Power Cycle the fan.2. Long hold on both button ⊙ and DOWN. You will see LED is on.3. Wait until the LED is off.4. While still pressing button ⊙ , release button DOWN.5. Keep pressing button ⊙ and have a short press on the button DOWN.6. You will see LED blink 5 times for command send confirmation. Release button ⊙ .
TO TOGGLE DIMMING MODE:	<ol style="list-style-type: none">7. Long hold on both button OFF and DOWN. You will see LED is on.8. Wait until the LED is off.9. While still pressing Power button, release button DOWN.10. Keep pressing button OFF and have a short press on the button DOWN.11. You will see LED blink once for command sent confirmation. Release the Power button.



TRAK

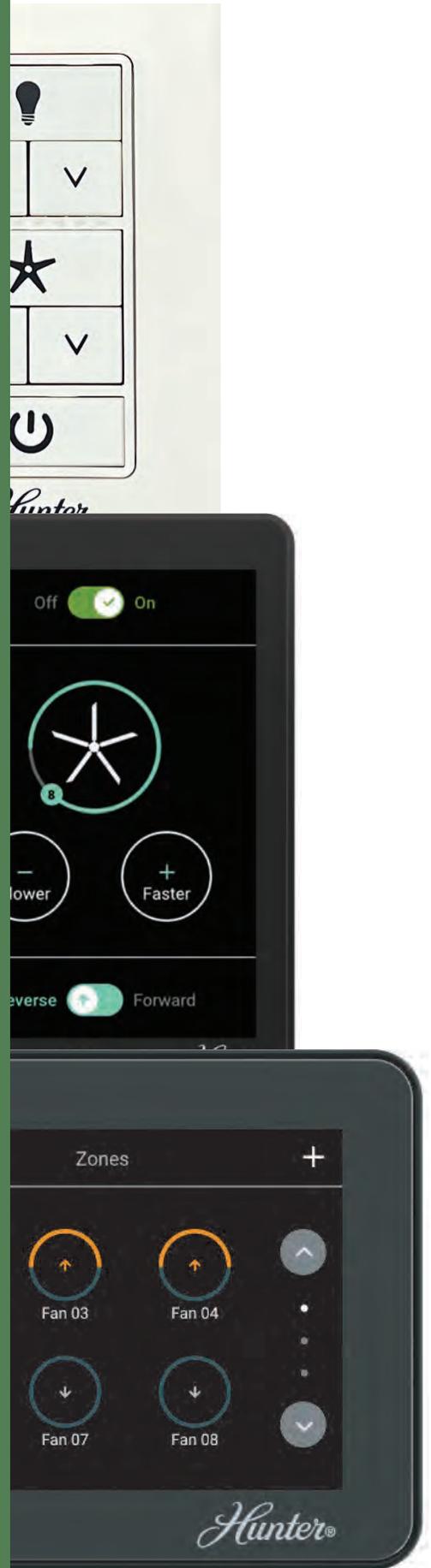
EDGE

USER MANUAL

COMMERCIAL WIRED WALL CONTROLS

Optional Accessory
Sold Separately

- BASIC WALL CONTROL
- 3" TOUCHSCREEN WALL CONTROL
- 4" TOUCHSCREEN WALL CONTROL



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 - Operating the Fan or Zone
 - Creating and Configuring a Zone
 - Scheduling a Fan or a Zone
- 49** TROUBLESHOOTING
- 50** ALERT CODES

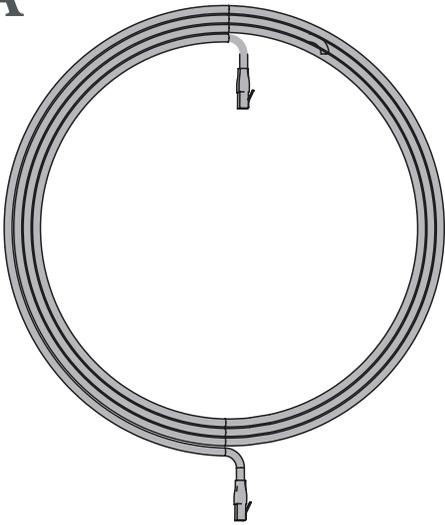


BEFORE YOU BEGIN

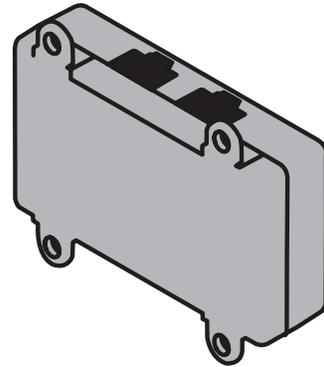
IN THE BOX

FAN COMPONENTS

A

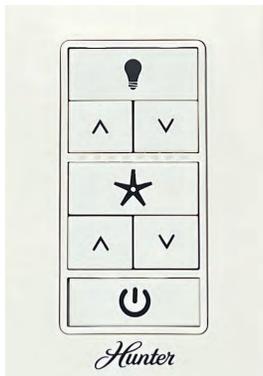


B



C

3" Touchscreen Wall Control (P/N: 74224)



Basic Wall Control (P/N: 78240)

OR



OR



4" Touchscreen Wall Control (P/N: 74225)

BOX 1

- A(1) 50ft CAT5 cable
- B (1) MODBUS splitter

BOX 2

- C.1(1) Basic Wall Control or
- C.2(1) 3" Touchscreen Wall Control or
- C.3 (1) 4" Touchscreen Wall Control

*one network connection box per fan

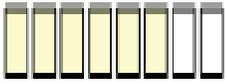
*one control box per daisy chain

BASIC WALL CONTROL ICONS



LIGHT

Press to turn the fan's light on/off.



LED INDICATOR

Displays in the white color. Represents the brightness of fan's LED. (There are 8 levels).



LIGHT DIMMING CONTROL

Will allow user to configure fan's light intensity up/down.



LIGHT INTENSITY UP

Press to increase fan's light intensity. Long press to set fan's light on high.



LIGHT INTENSITY DOWN

Press to decrease fan's light intensity. Long press to set fan's light on low.



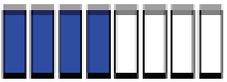
FAN

Press to turn the fan on/off. Press and hold for a minimum of 5 seconds to change fan's direction.



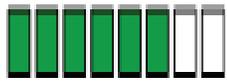
POWER DISCONNECT SWITCH

Press to disconnect fan's power from the main.



FORWARD DIRECTION INDICATOR

Displays in the blue color. Represents the fan moving in the forward direction. (There are 8 levels).



REVERSE DIRECTION INDICATOR

Displays in the green color. Represents the fan moving in the reverse direction. (There are 8 levels).



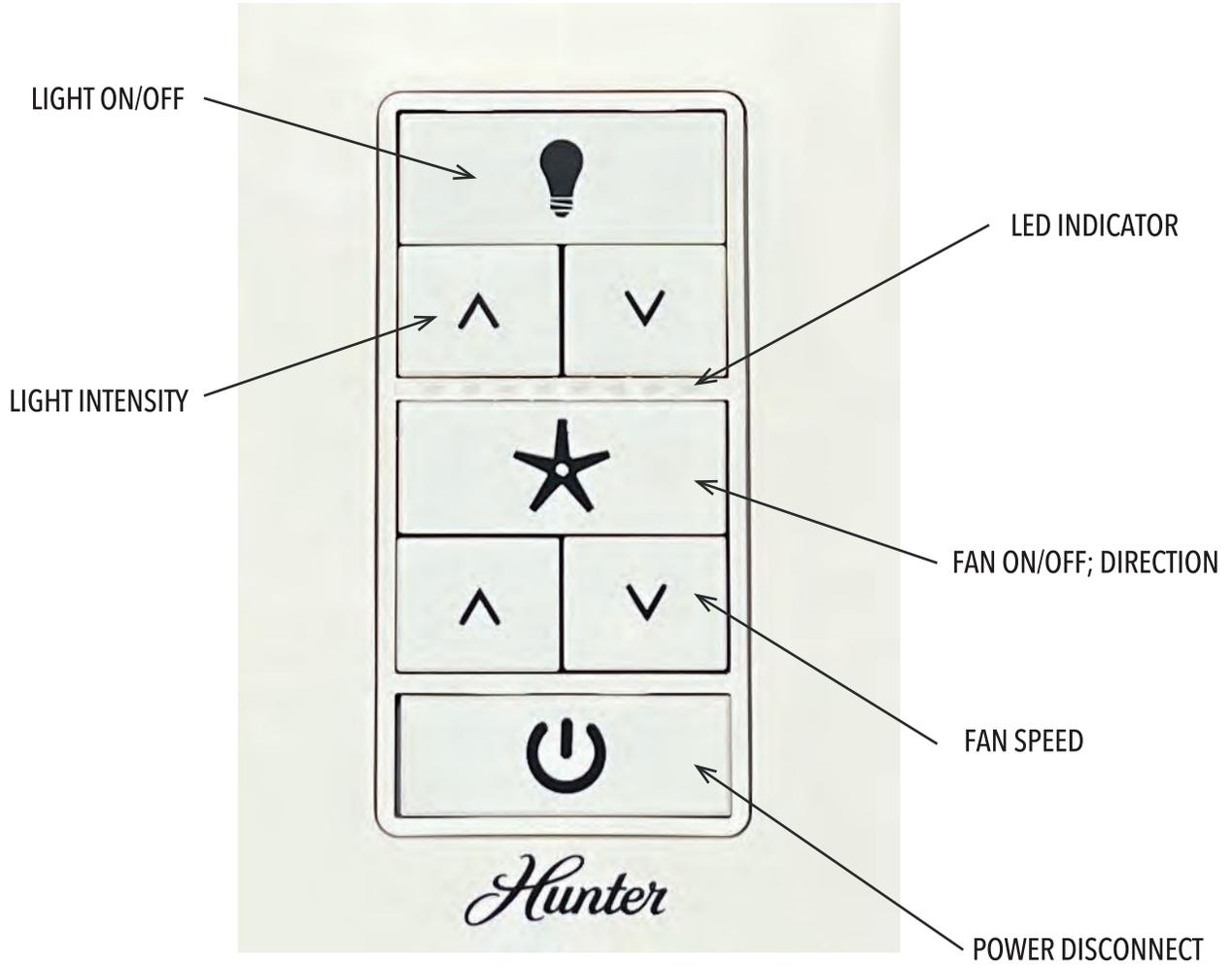
FAN SPEED UP

Press to increase fan's speed. Long press to set fan's speed on high.



FAN SPEED DOWN

Press to decrease fan's speed. Long press to set fan's speed on low.



3 3/4" TOUCHSCREEN WALL CONTROL ICONS



POWER BUTTON

Select to turn fan off/on.



FAN SPEED SLOWER

Select to decrease the speed of the fan.



FAN SPEED FASTER

Select to increase the speed of the fan.



FAN SPEED INDICATOR

Indicates what level the fan's speed is on. (There are 10 levels).



LIGHT CONTROLS

Select to go to the lighting menu to adjust the light intensity.



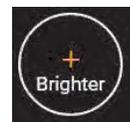
FAN DIRECTION

Select to change the direction of the fan between reverse or forward.



FAN LIGHT DIMMER

Select to dim the fan's light.



FAN LIGHT BRIGHTER

Select to brighten the fan's light.



LIGHT INDICATOR

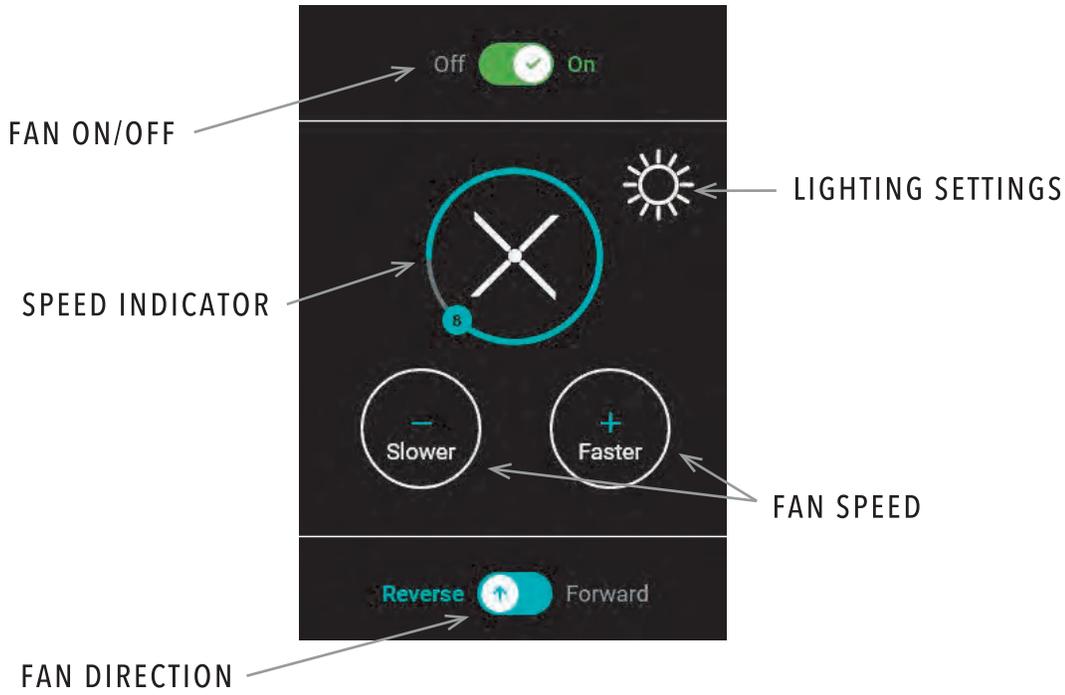
Indicates what level the fan's light is on. (There are 10 levels).



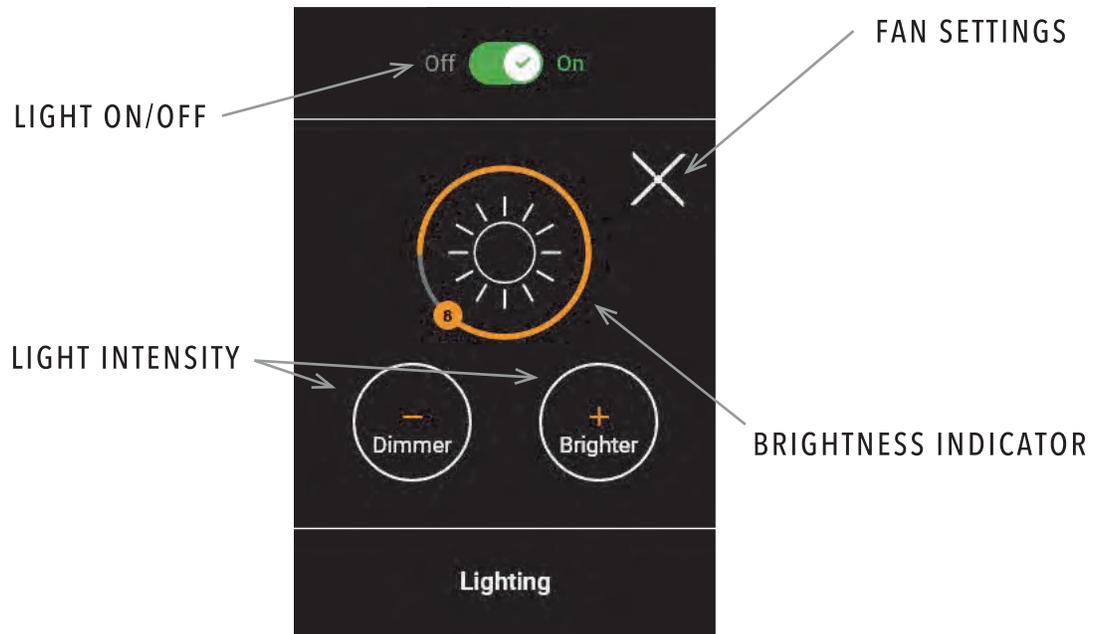
FAN CONTROLS

Select to go to the fan menu to adjust the fan speed.

FAN SPEED/DIRECTION



FAN LIGHTING



4" TOUCHSCREEN WALL CONTROL ICONS



EDIT

Signifies the ability to edit a title of the fan or zone.



MENU

Provides access to various options specific to a fan or a zone.



SETTINGS

Will allow the user to configure a fan or a zone.



ZONE

Signifies if a fan or series of fans are included in a zone.



LOCK

Signifies if the fan is locked or unlocked, which will limit certain functionality of the fan.



ALERTS

The Fan has experienced an abnormal condition or defect at the component, equipment, or sub-system level which may lead to a failure.



NETWORKS

Signifies data related to the fan's communication network.



FAN MODEL

Indicates the model of the Hunter Industrial Fan.



BACK ARROW

Will take the user to the previous page.

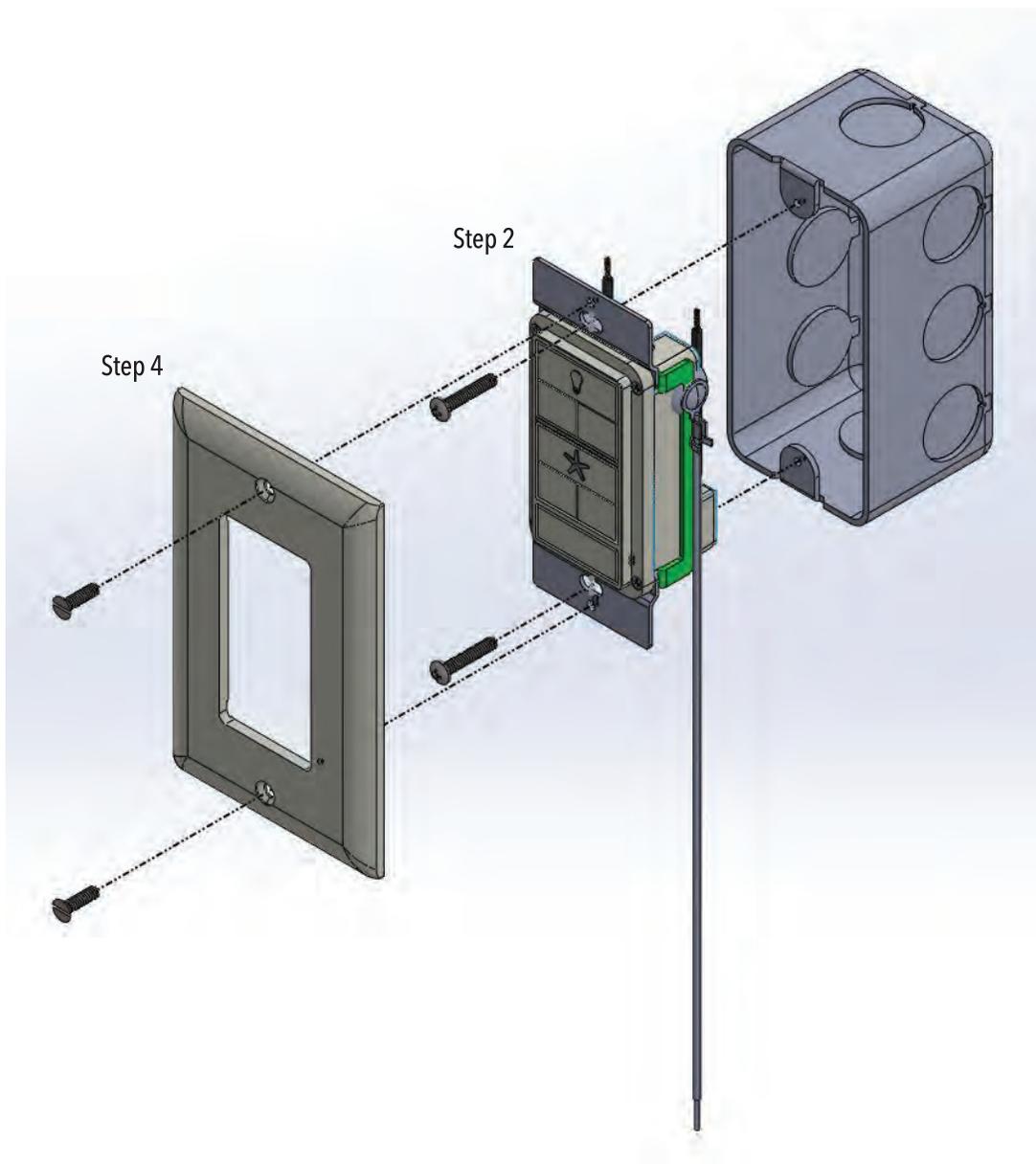


SCHEDULE

Allows the user to schedule a fan or zone's time of operation.

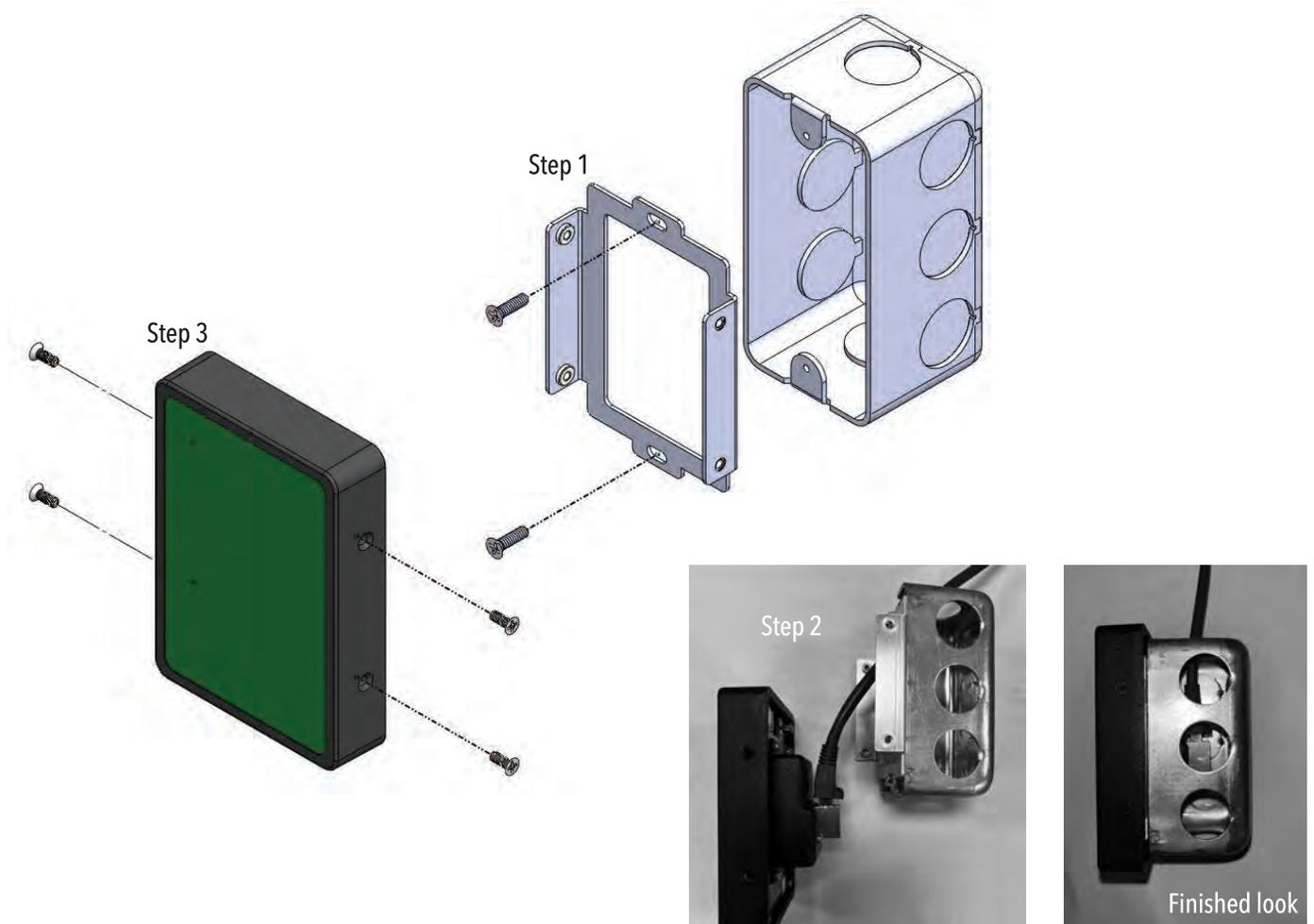
BASIC WALL CONTROL MOUNTING

Mountable directly to a standard single gang junction box.



3" TOUCHSCREEN WALL CONTROL MOUNTING

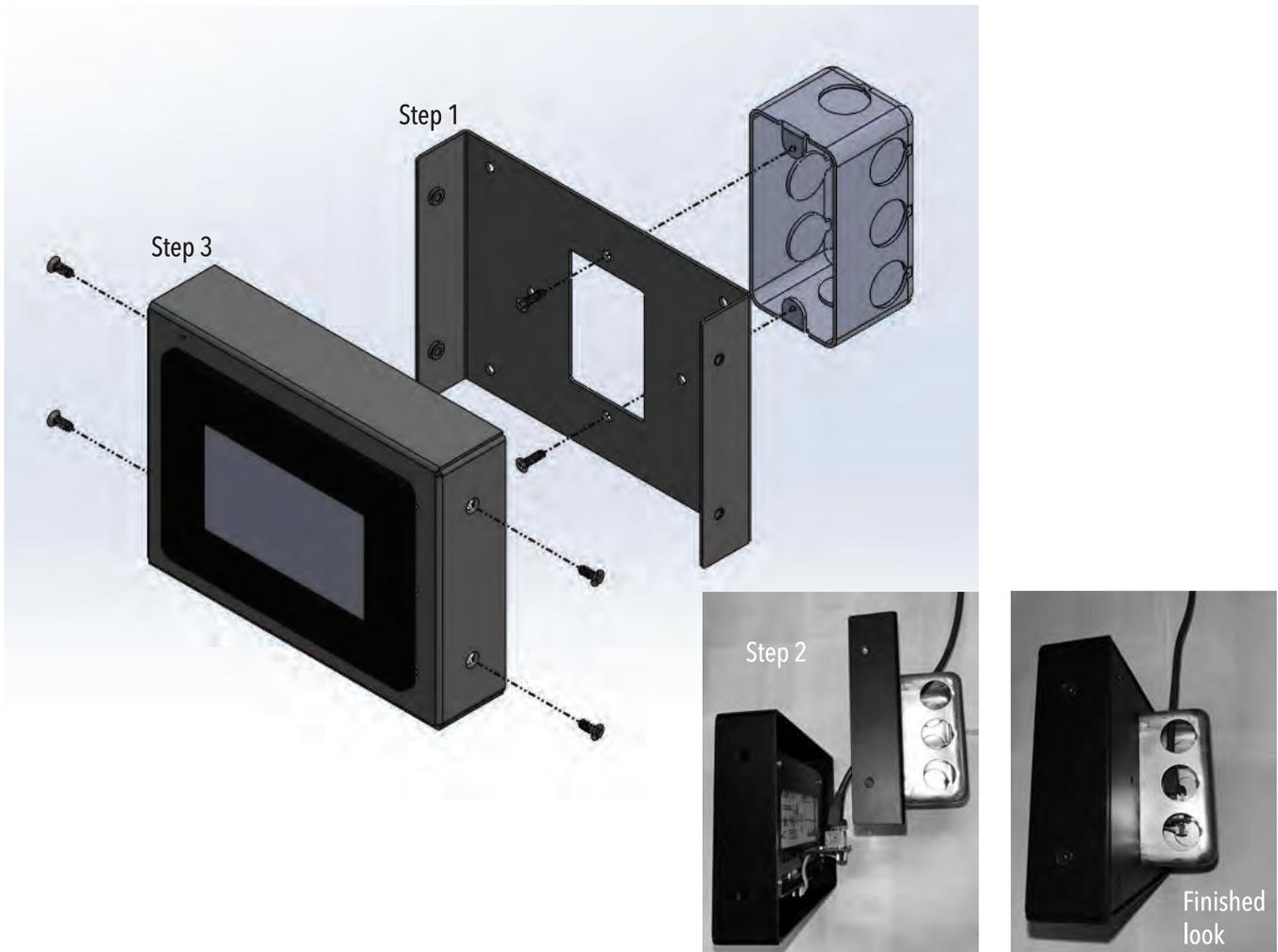
Mountable directly to a standard single gang junction box.



1. Mount the bracket directly to the junction box using the provided screws. (qty. 2).
2. Connect the CAT5 Ethernet cable to the controller.
3. Attach the 3" Touchscreen Wall Control to the mounting hardware using the provided screws (qty. 4).

4" TOUCHSCREEN WALL CONTROL MOUNTING

Mountable directly to a standard single gang junction box.



1. Mount the bracket directly to the junction box using the provided screws. (qty. 2).
2. Connect the CAT5 Ethernet cable to the controller.
3. Attach the 4" Touchscreen Wall Control to the mounting hardware using the provided screws (qty. 4).



⚠️ WARNING



CRUSH HAZARD. To prevent **SERIOUS INJURY** or **DEATH**, ALWAYS attach the Retention Cable to the fan motor and secure to the building structure on **EVERY** fan.

A

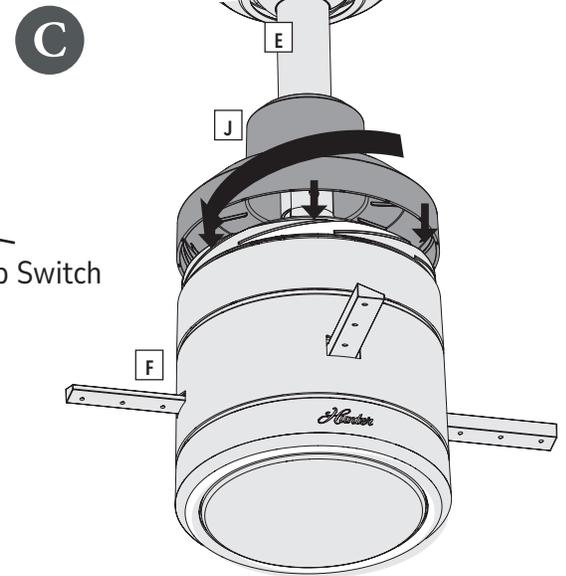
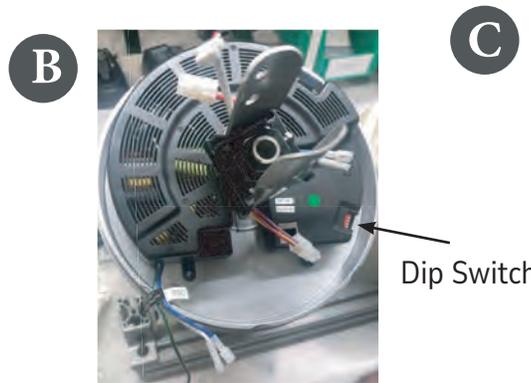
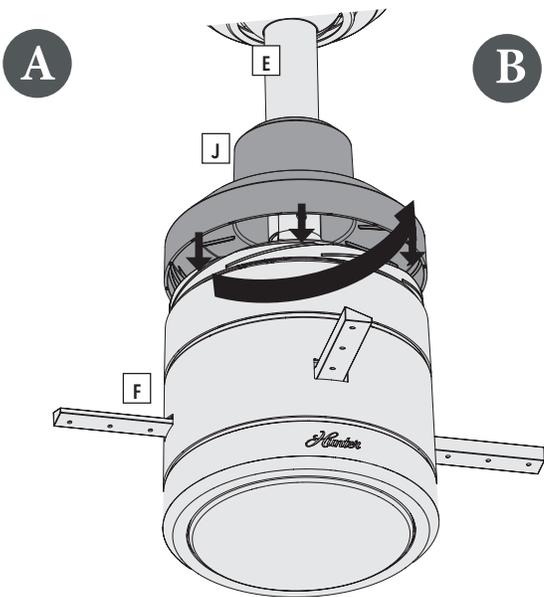
Locate the upper motor housing (J) and twist counterclockwise to access the fan control.

B

Locate the red dip switch on the fan control and adjust it based on the number of fans installed using the table below.

C

After adjusting the dip switch, lower the upper motor housing (J) and twist clockwise to secure. Ensure the fan is sealed by eliminating any gap between the housing and fan.



Dip Switch positions are read from left to right.

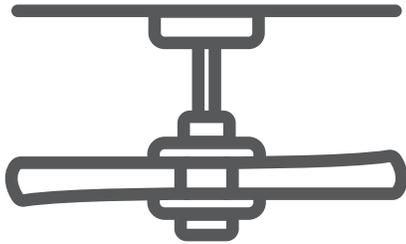
Fan #	Position 1	Position 2	Position 3	Position 4	Position 5	Fan #	Position 1	Position 2	Position 3	Position 4	Position 5
1	Down	Down	Down	Down	Up	17	Up	Down	Down	Down	Up
2	Down	Down	Down	Up	Down	18	Up	Down	Down	Up	Down
3	Down	Down	Down	Up	Up	19	Up	Down	Down	Up	Up
4	Down	Down	Up	Down	Down	20	Up	Down	Up	down	down
5	Down	Down	Up	Down	Up	21	Up	Down	Up	Down	Up
6	Down	Down	up	up	down	22	Up	Down	Up	Up	Down
7	Down	Down	Up	Up	Up	23	Up	Down	Up	Up	Up
8	Down	Up	Down	Down	Down	24	Up	Up	Down	Down	Down
9	Down	Up	Down	Down	Up	25	Up	Up	down	down	up
10	Down	Up	Down	Up	Down	26	Up	Up	Down	Up	Down
11	Down	Up	Up	Up	Up	27	Up	Up	Down	Up	Up
12	Down	Up	up	down	down	28	Up	Up	Up	Down	Down
13	Down	Up	Up	Down	Up	29	Up	Up	Up	Down	Up
14	Down	Up	Up	UP	Down	30	Up	Up	up	Up	Down
15	Down	Up	Up	Up	Up	31	up	up	up	up	Up
16	Up	Down	Down	Down	Down						



EXAMPLE

Dip Switch Position:

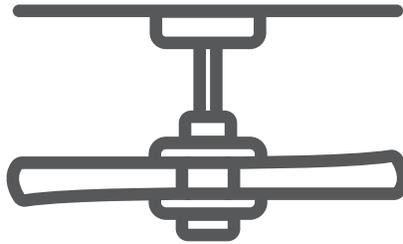
Down | Down | Down | Down | Up



TRAK #1

Dip Switch Position:

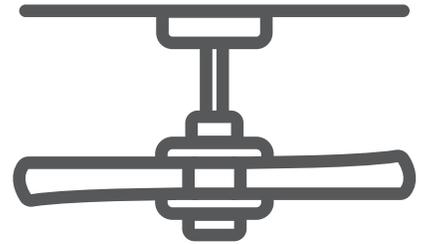
Down | Down | Down | Up | Down



TRAK #2

Dip Switch Position:

Down | Down | Down | Up | Up



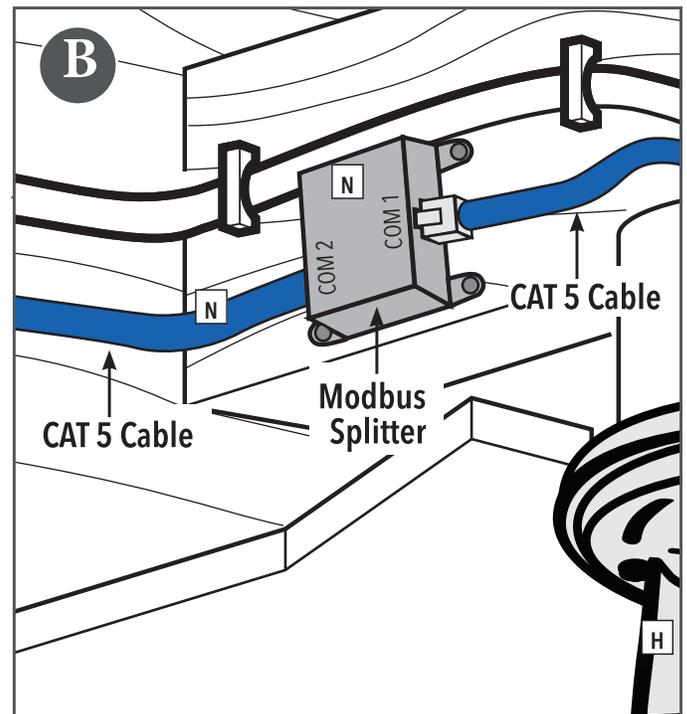
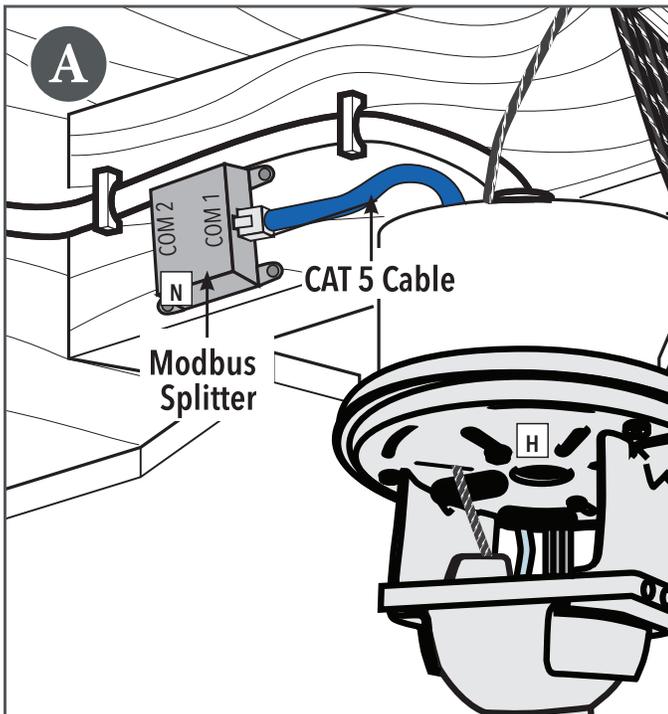
TRAK #3

A

Connect CAT5 cable from the fan to the Modbus Splitter COM1 port (N). The Modbus Splitter (N) and CAT5 cable will be on the outside of the fan's canopy (H).

B

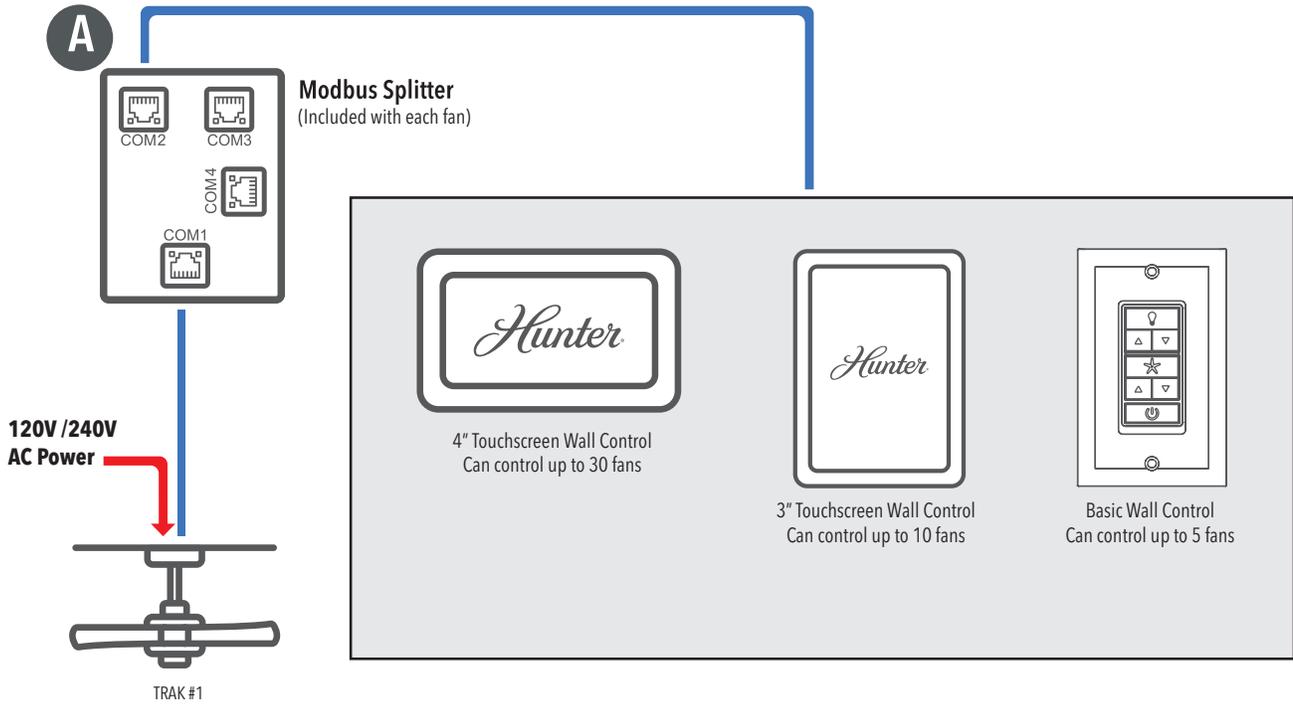
Connect CAT5 cable (N) from the controller to the Modbus Splitter COM2 port (N). For more information, refer to Single-Fan/Multi-Fan Wiring Suggestion on Page 14.





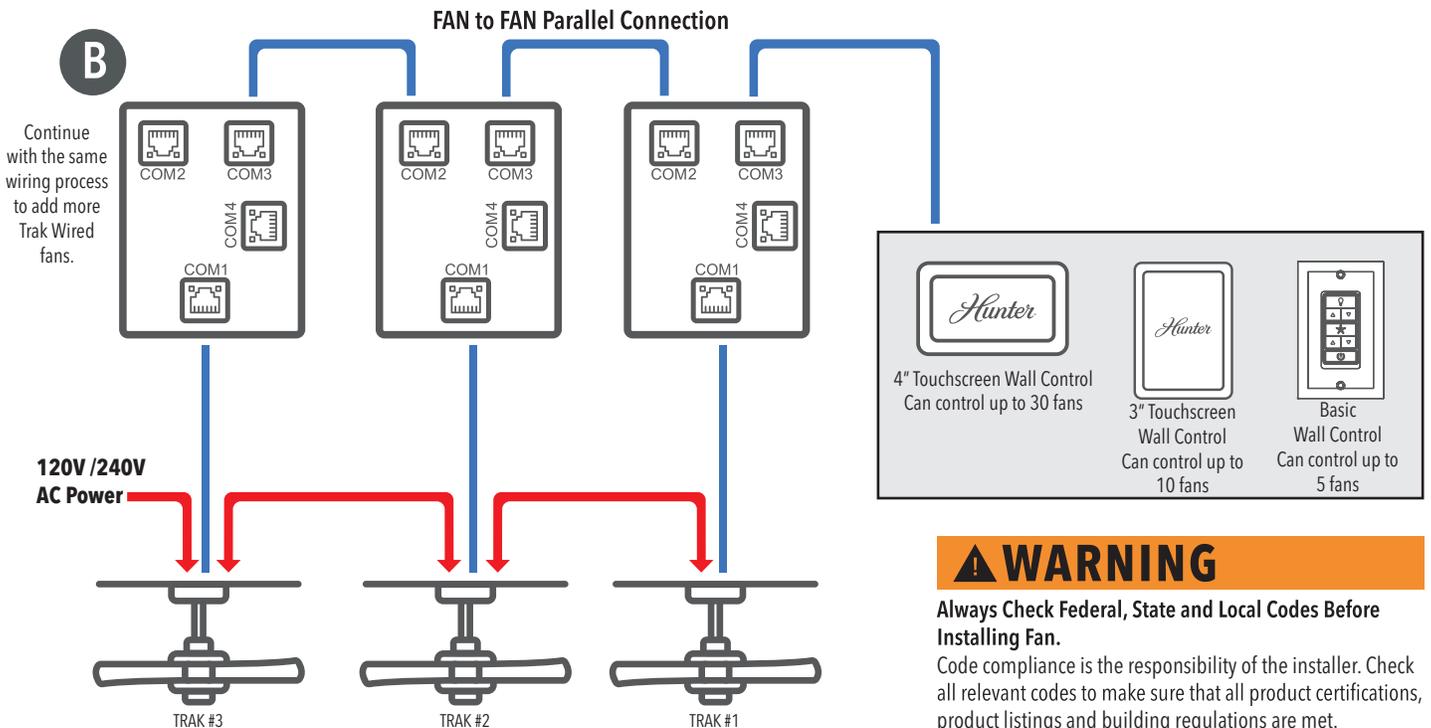
A

Single Fan Connection Wiring Suggestion



B

Multi-Fan Connection Wiring Suggestion



⚠ WARNING

Always Check Federal, State and Local Codes Before Installing Fan.

Code compliance is the responsibility of the installer. Check all relevant codes to make sure that all product certifications, product listings and building regulations are met.



REFERENCE

FIRE RELAY WARNING

A

Cut off RJ45 connector end.

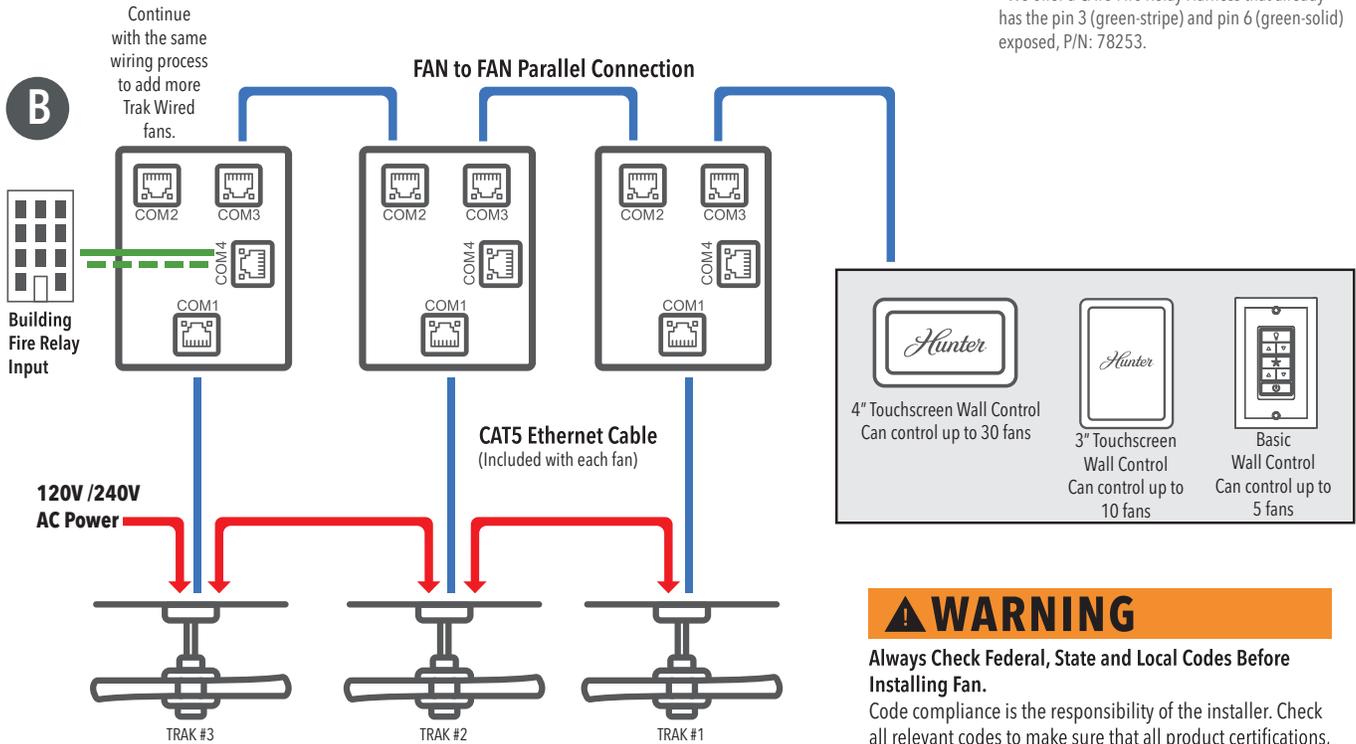
B

Route only pin 3 (green-stripe) and pin 6 (green-solid) to the building fire relay panel Normally Open (NO) relay output.

C

Test operation of fire relay, simply short pin 3 and pin 6 together, all fans should turn off.

*We offer a CAT5 Fire Relay Harness that already has the pin 3 (green-stripe) and pin 6 (green-solid) exposed, P/N: 78253.



⚠ WARNING

Always Check Federal, State and Local Codes Before Installing Fan.

Code compliance is the responsibility of the installer. Check all relevant codes to make sure that all product certifications, product listings and building regulations are met.



REFERENCE

BMS GATEWAY CONNECTION

A

Strip the CAT5 cable to show all 8 Pins.

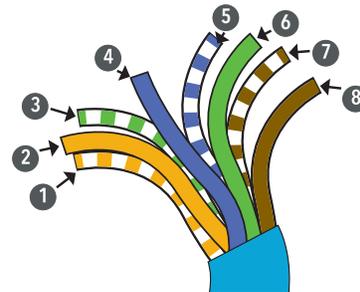
B

Cut Pin 3 - Green-Stripe and Pin 6 - Green-Solid off.

C

Connect the CAT5 cable to the Modbus Splitters COM 2 or 3 port. Use the following table below as a connection guide to the BMS or Gateway.

NUMBER & NAME	DESCRIPTION
Pin 1 - Orange-Stripe	Transmit
Pin 2 - Orange-Solid	Receive
Pin 3 - Green-Stripe	Fire Relay Connection 1 (This wire will be cut off)
Pin 4 - Blue-Solid	24V - Positive (12 Watt Max Power)
Pin 5 - Blue-Stripe	24V - Positive (12 Watt Max Power)
Pin 6 - Green-Solid	Fire Relay Connection 2 (This wire will be cut off)
Pin 7 - Brown-Stripe	24V - Negative
Pin 8 - Brown-Solid	24V - Negative

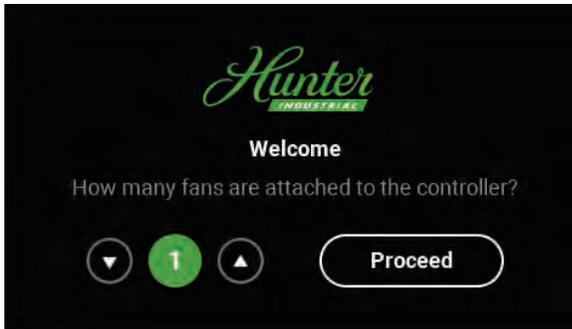


NOTICE

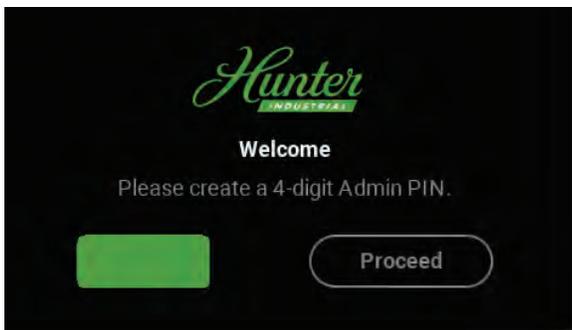
If the connection is going straight into the BMS then cut off Pin 4 - Blue-Solid and Pin 5 - Blue-Stripe.

4" TOUCHSCREEN WALL CONTROL INITIAL CONFIGURATION

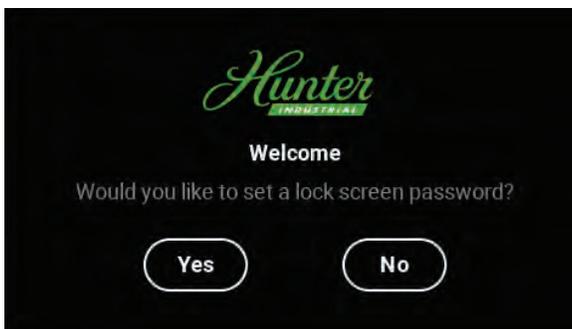
1. After initial boot-up, enter the quantity of fans that are to be on the fan network and controlled by the controller interface.



2. Create a 4-Digit Admin Pin. Future input of the Admin Pin grants access to full set-up, configuration, and operation of the fans on the network.



3. Choose whether to have the controller lock when not in use. A 4-digit pin configured by the user unlocks the screen. The Unlock 4-Digit Pin can be different than the 4-Digit Admin Pin.



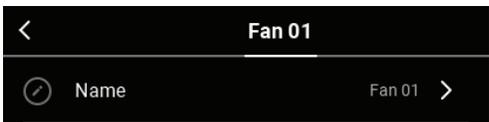
4. The controller will automatically find the quantity of fans that are properly installed on the network. These fans will appear on the Fan Home Page.



5. Users can configure and name a fan by selecting a fan from the Fan Home Page.



Select  to configure the fan selected.

Select  to name the fan. Repeat these steps for each desired fan.

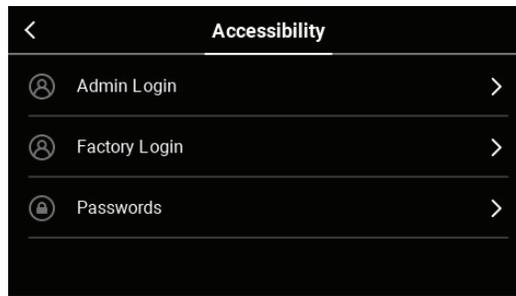
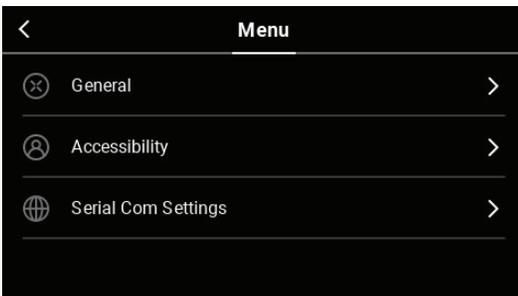
4" TOUCHSCREEN WALL CONTROL INITIAL CONFIGURATION

If your fan comes with a light module then you have to activate the light function in the controller. To do so follow the steps below:

1. Select  to access the menu.



2. Select "Accessibility" followed by "Admin Login".



3. Enter your 4-digit pin to access the Admin mode. Once entered select  to go back to the fan menu.

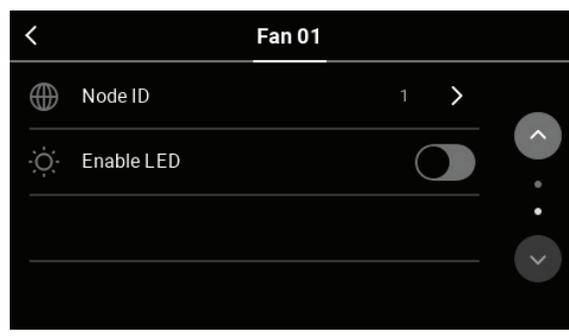
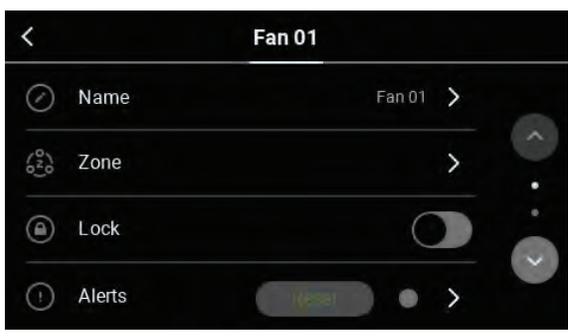


4. Select which fan to add the light function to.



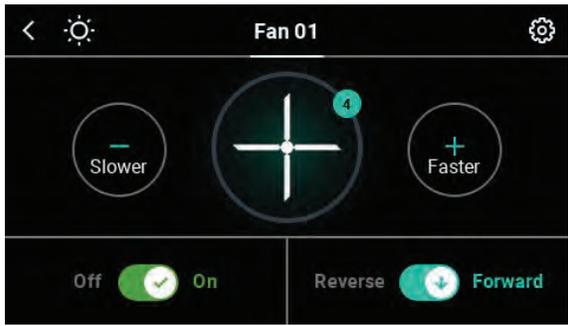
5. Select  to go into the settings menu of the selected fan.

6. Once in the settings menu, scroll down to "Enable LED" line.

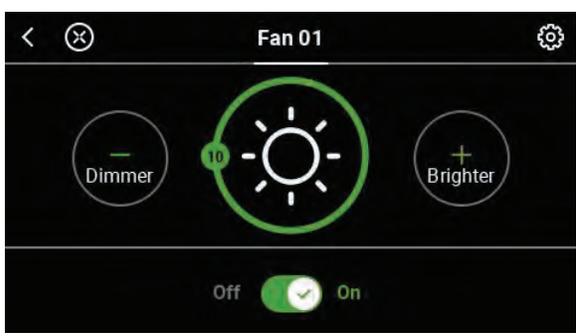


7. Select  to activate the LED function of the fan. 

8. Select  to get back into the main menu.

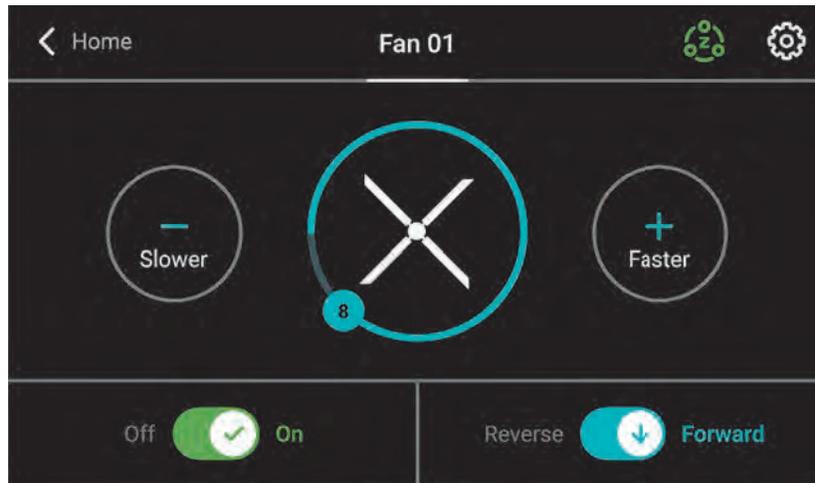


9. Select  to access controls for the light.

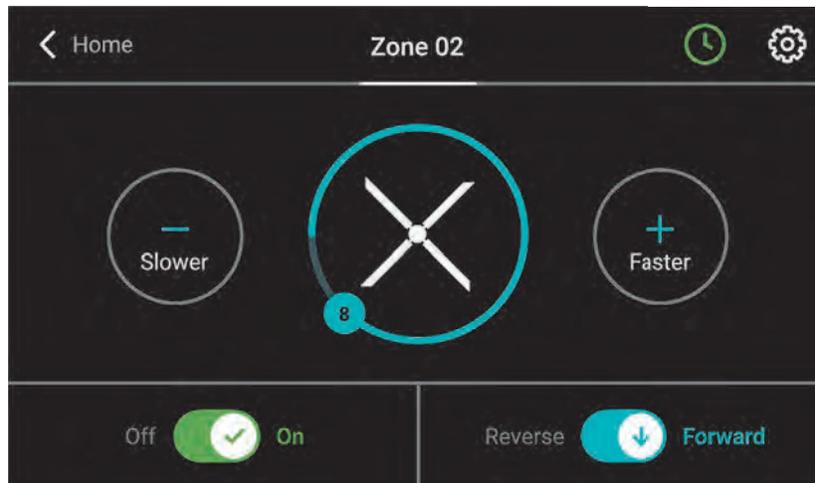


10. Now there is access to the fan's light controls. Select either  or  to control the intensity of the light. (There are 10 levels).

OPERATING THE FAN OR ZONE



FAN CONTROL PAGE



ZONE CONTROL PAGE

ACTIONS FOR OPERATING A FAN, OR ALL FANS IN A ZONE, ARE THE SAME.

ON/OFF



- The toggle will turn green when in the "on" position.
- The fan must be turned "on" before being able to adjust speed or fan direction.

CONTROLLING FAN SPEED

- Control the fan speed (speeds 1-10) by pressing the slower or faster buttons.



- Number in the circle represents the commanded speed setting.
- Outside band of the fan icon represents the speed at which the fan is at while ramping up or slowing down to the commanded speed.

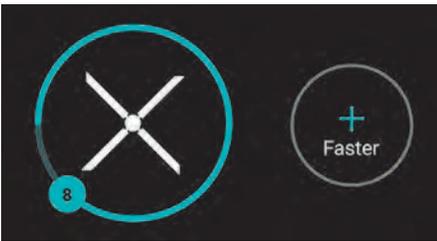
FAN DIRECTION



- If the fan has experienced an Alert or Fault signified by the item in the red box below, view the alert/fault code by selecting



RESET THE FAN AFTER AN ALERT



- Select  from the Fan Control Page.

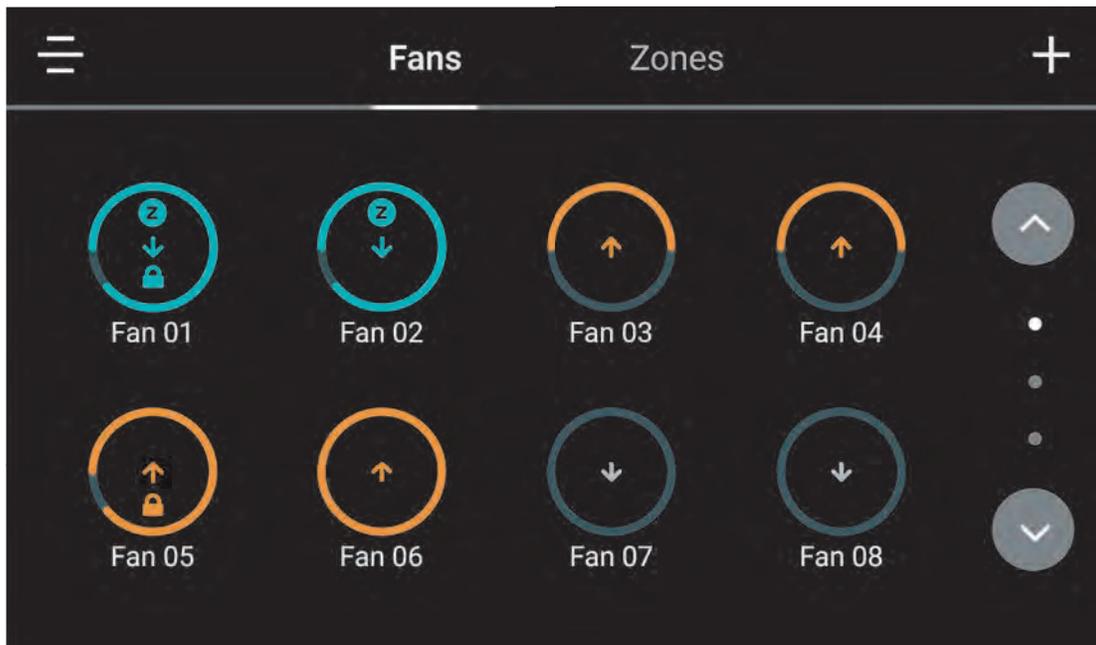
- Select the reset button to reset the fan.



- A long-history of alerts (faults) is also maintained, and can be cleared if desired.



CREATING AND CONFIGURING A ZONE



FAN HOME PAGE

FANS CAN BE ADDED TO A ZONE. FANS IN A ZONE WILL OPERATE IN THE SAME MANNER, DICTATED BY THE ZONE'S SCHEDULE, DIRECTION, AND SPEED SETTING.

- To configure a zone, or add fans to a zone select:



- Select a zone to configure.

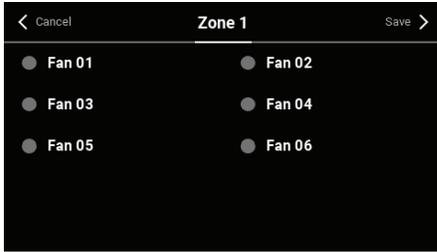


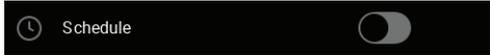
- Select  to configure the zone selected.

- Select  to name the zone.

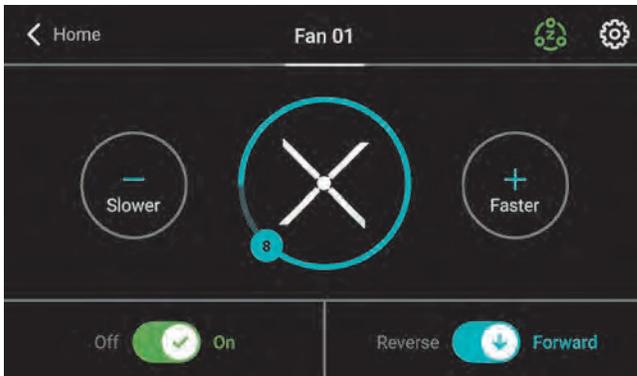
- Select  to include available fans in a zone.

- Select the fans to be added to the zone, then click save.



- Select  to configure the zone selected.
- Select  to enable the schedule.
- Select  to lock the fan or zone.

FANS CAN ALSO BE ADDED TO A ZONE FROM THE FAN CONTROL PAGE.

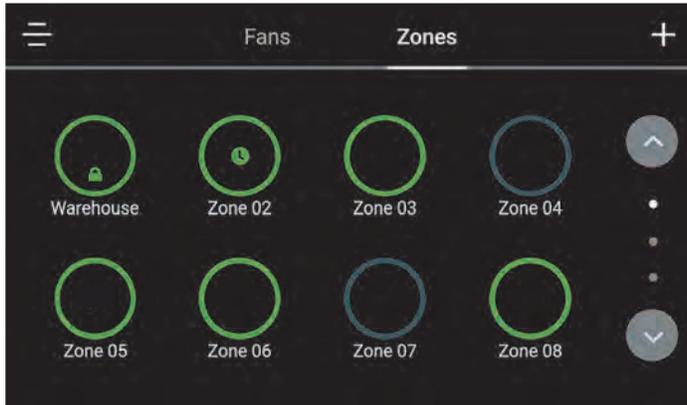


- Select  to configure the fan.
- Select  to select a zone.
- Select which zone to include the fan to.



SCHEDULING A FAN OR ZONE

- Select  from the Fan Home Page to be directed to the Zone Home Page.



- Select zone to schedule.
- Select  to configure the zone selected.
- Select  to schedule the fan or zone's operation.



- A fan or a zone is able to have three (3) scheduled Actions of operation per day.
 - ◇ An Action = start, stop, or a change in fan(s) speed or direction.
 - Select the day of the week the fan or zone is to perform the scheduled Action.
 - Select the fan Action: on/off, forward/reverse.
 - Set the start time desired for the fan(s) Action to begin.
 - Set the desired fan(s) speed for the scheduled time.
 - The fan(s) will now follow this scheduled operation until the next Action is scheduled to begin.
-

Notes:

- *Scheduling a single fan requires including the fan into a zone, and then scheduling the zone.*
- *Fans must be unlocked to modify schedules or zones.*

TROUBLESHOOTING

Follow all safety practices and instructions during the installation, operation, and servicing of the fan. Failure to apply these safety practices could result in death or serious injury. If you do not understand the instructions, please call our Technical Service Department at 1-844-591-FANS (3267) or email us at fansupport@hunterfan.com for guidance.

PROBLEM	SOLUTION
Fan will not start, or 3"/4" Touchscreen Wall Control is blank	Verify that the fan's circuit breaker has power and that it is on.
	Check for secure plug connections across the system. Each connection should be checked to ensure fully engagement.
	Check for loose wiring connections. Each termination should be firmly tightened.
	Loosen canopy, check all wiring connections.
Fire Relay Fault	If the fire alarm went off, once that system resets, the fault should clear.
	If the fire alarm did not go off, cycle the power by flipping the circuit breaker off for a minimum of 3 minutes.
Excessive Wobbling	Make sure the blades are properly installed on the blade iron posts. If wobbling continues after checking, remove and re-install the blades again.
	Tighten all screws.
	Make sure the fan is secure on the hanger bracket.
	Turn power off, support fan very carefully and check that the hanger ball is properly seated.

ALERT CODES

Alerts may occur that cause stoppage of the fan(s). Some alert instances can be remedied by resetting the fan from the wall control. The following alerts may be remedied via reset:

ALERT CODE	DESCRIPTION OF ALERT FOR 3"/4" TOUCHSCREEN WALL CONTROL
E.OC1	Overcurrent trip during acceleration/deceleration/constant speed.
E.OV1	Regenerative overvoltage trip during acceleration/deceleration/constant speed.
E.THM	Motor overload trip.
E.FIN	Fin overheat.
E.LF	Output phase loss.



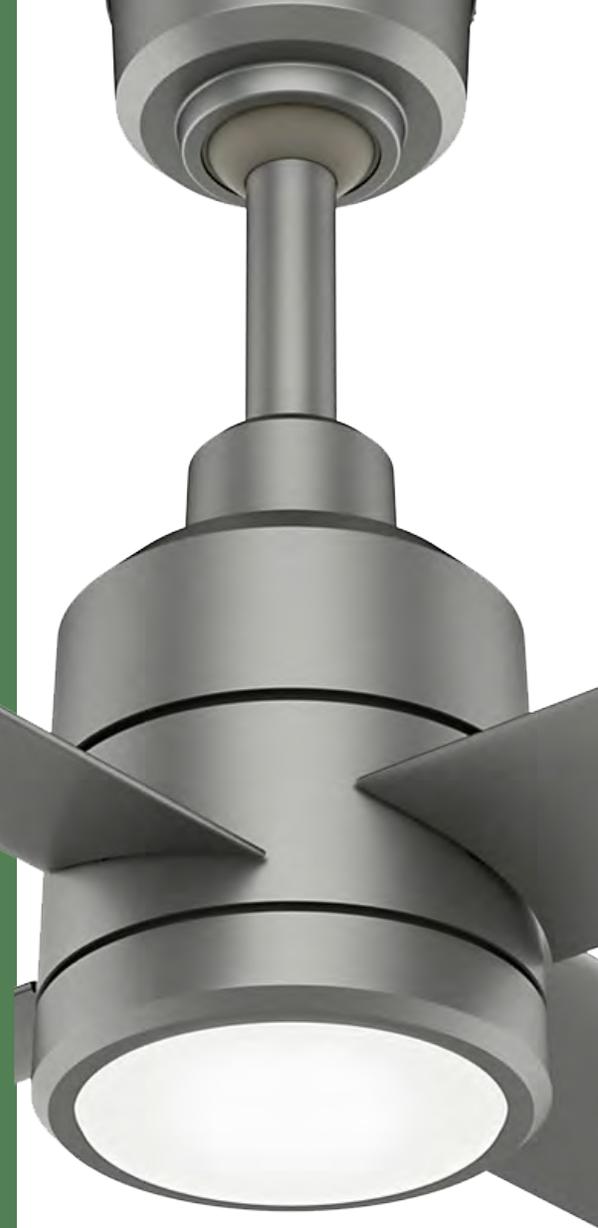
Hunter
INDUSTRIAL & COMMERCIAL DIVISION

TRAK

EDGE

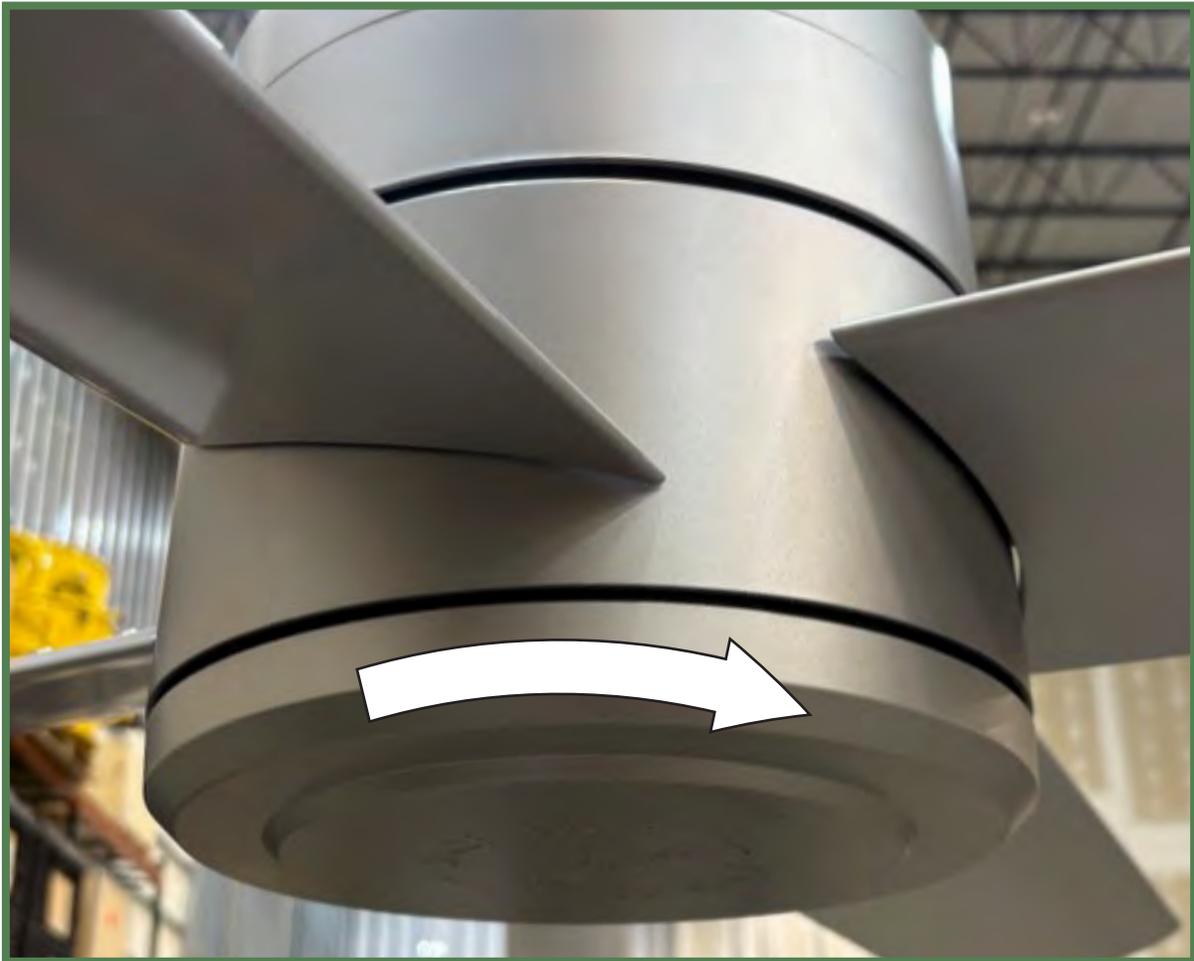
LIGHT KIT INSTALLATION GUIDE

Optional Accessory
Sold Separately



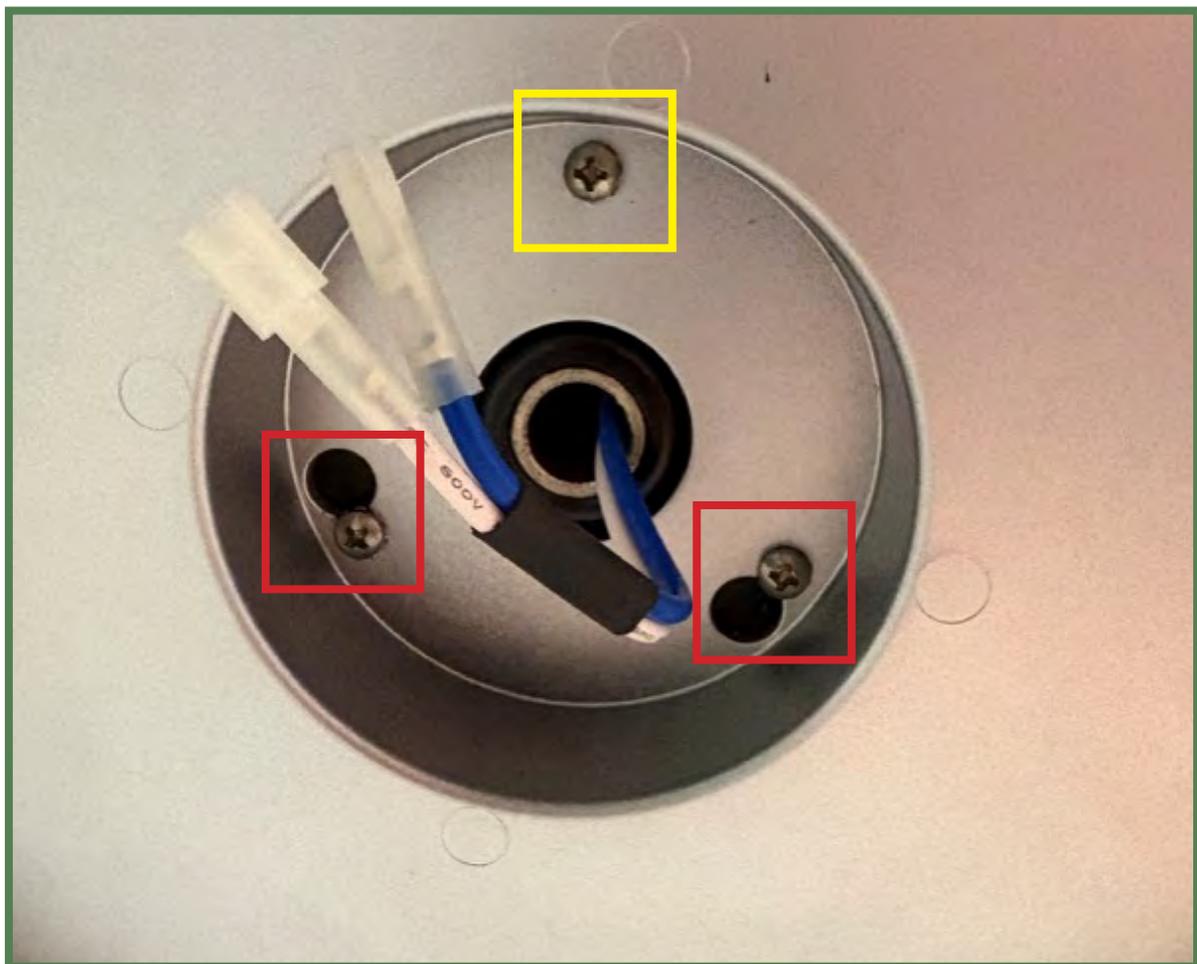


Remove the bottom cap from fan with provided grip mat by hand-rotating the bottom **counterclockwise**.





Loosen the two screws in **red** and completely remove the one screw in **yellow**. Twist the **No-Light Fitter** and remove completely from fan.





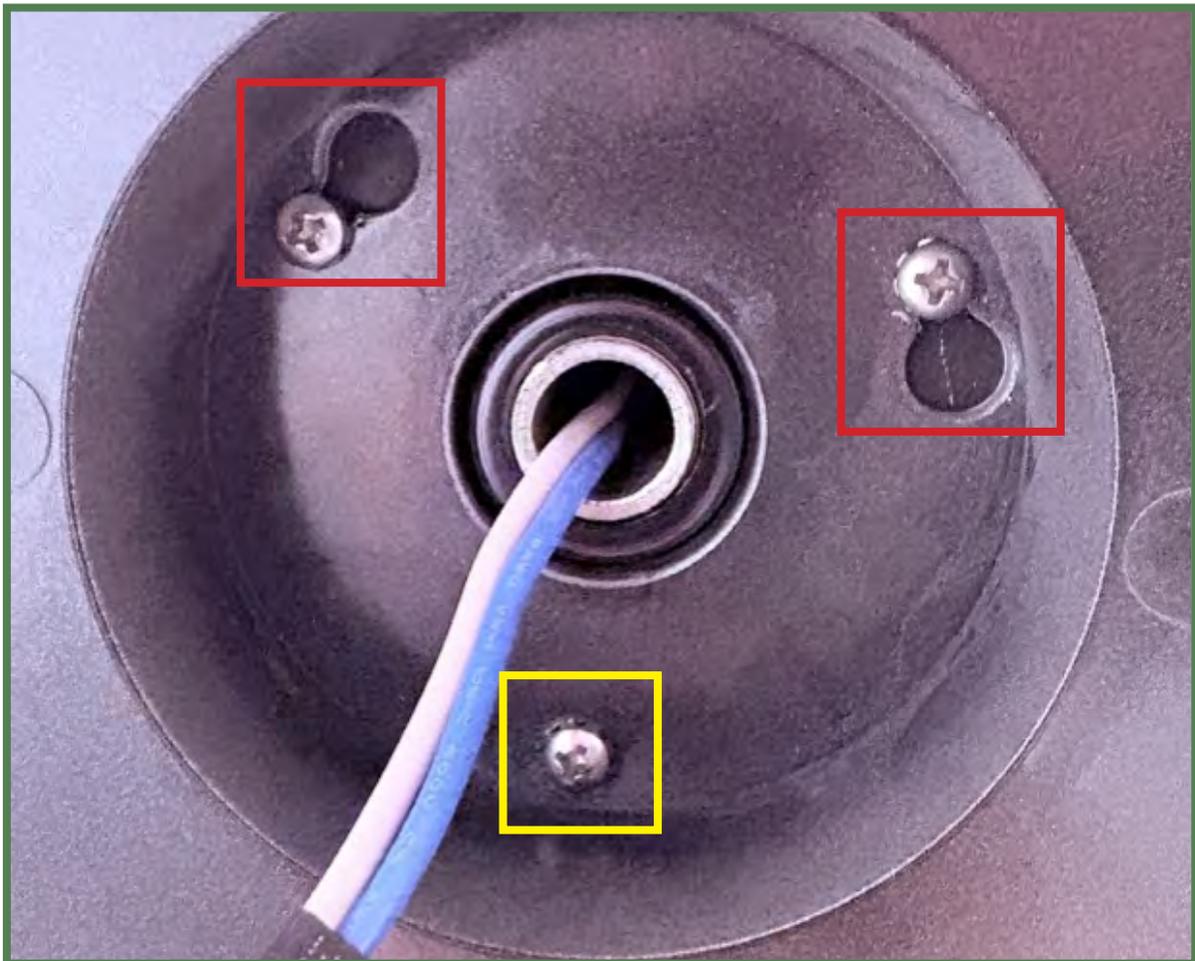
Open the **Light Kit** and identify the parts. There will be:

- 1 x Light Fitter (A)
- 1 x LED Assembly (B)
- 1 x Lens (C)
- 3 x Screws (not pictured)



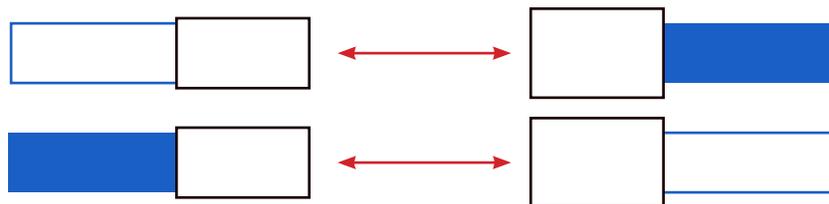


Take the **Light Fitter** and attach to fan body. There will be 2 slotted holes on the **Light Fitter** just like the **No-Light Fitter** had for ease of assembly (**red**). Use the removed screw from **Step 2** to completely attach **Light Fitter** (**yellow**).



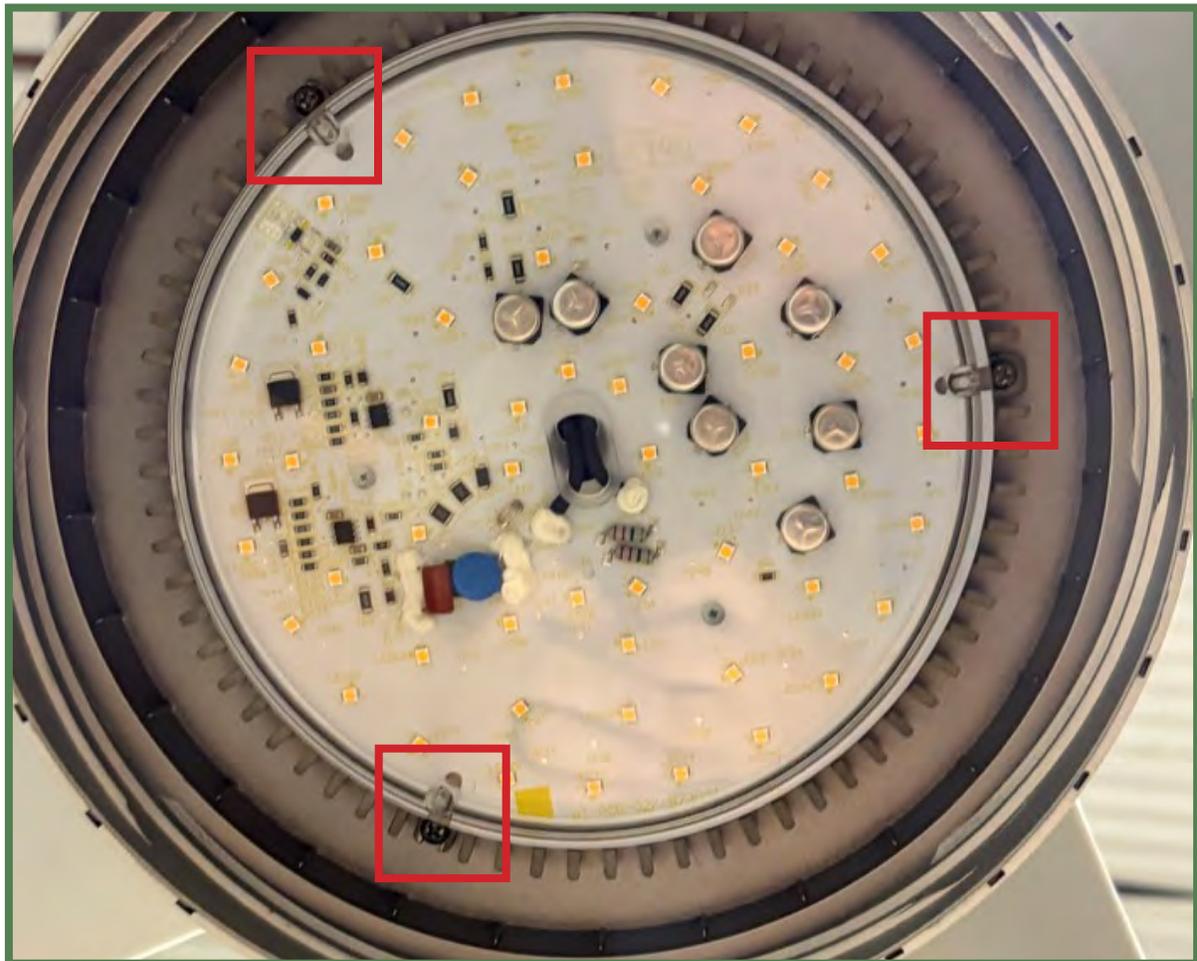


Connect the wires coming from the bottom of the fan with the wires on the back of the **LED Assembly**. **Fan (blue)** will connect to **LED Assembly (white)** and **Fan (white)** will connect to the **LED Assembly (blue)**.



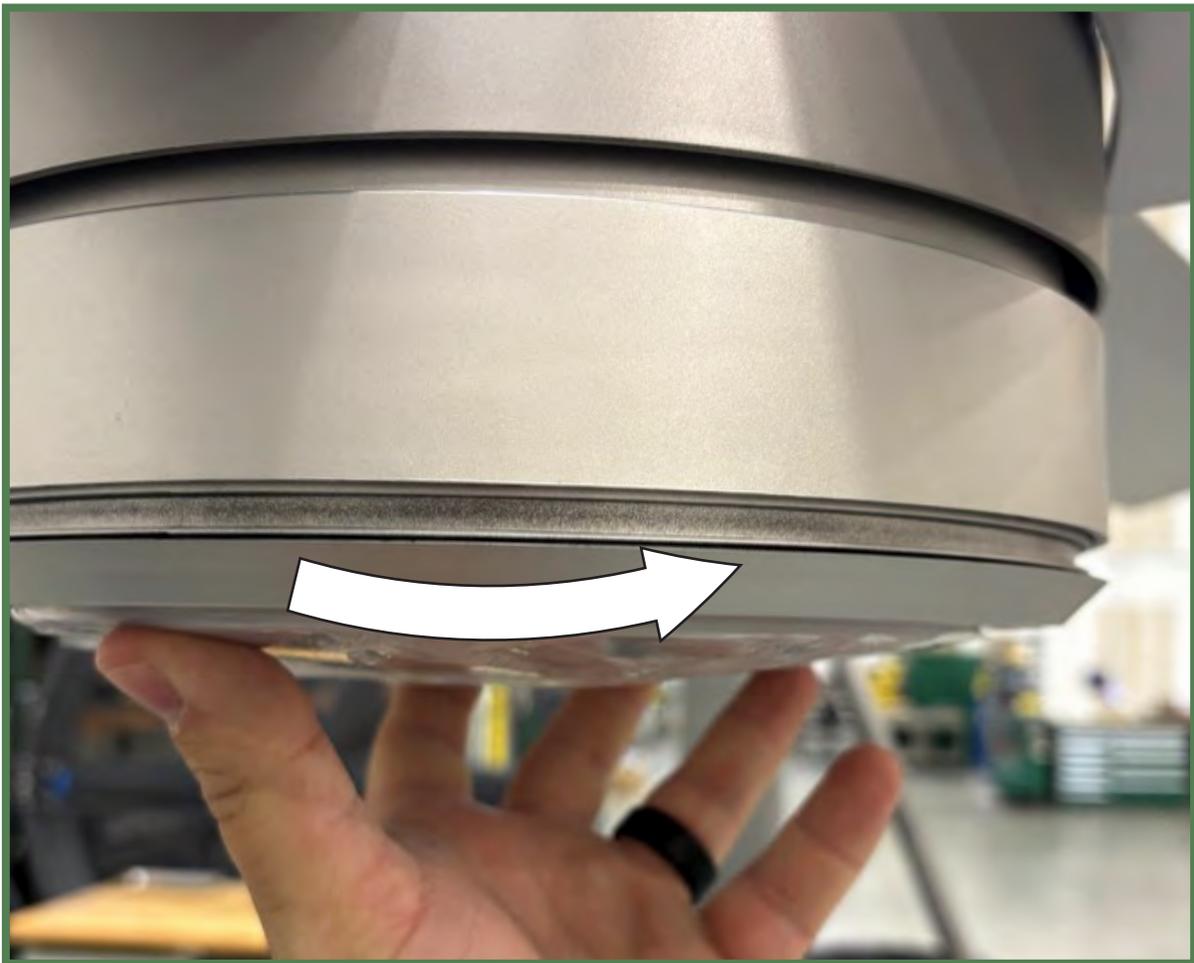


Attach the **LED Assembly** to the fan body via the three additional screws provided.





Attach the **Lens** to the fan by hand-rotating **counterclockwise**.





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