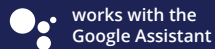


WAC  
SMART FANS

# MOCHA

Installation Instructions

Compatible with





Please read and review instructions  
before installation

## GENERAL INQUIRIES

For all questions about your ceiling fan please read all included instructions, installation procedures, troubleshooting guidelines and warranty information before starting installation

For missing parts or general inquiries call our trained technical staff at:

**1-800-526-2588** option 0

MON-FRI 8AM-8PM EST

Email: [customerservice@waclighting.com](mailto:customerservice@waclighting.com)  
Or live chat at [www.waclighting.com](http://www.waclighting.com)

## FAN SUPPORT

For fast service have the following information below when you call:

- Model Name and Number
- Part Number and Part Description
- Date Of Purchase and Purchase Location

**1-800-526-2588** option 3

MON-FRI 8AM-8PM EST

Email: [fansupport@waclighting.com](mailto:fansupport@waclighting.com)

**DO NOT RETURN TO STORE**

# SAFETY RULES

For operation, maintenance, and troubleshooting information, visit [www.waclighting.com/fan-support](http://www.waclighting.com/fan-support)

1. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker before beginning.
2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70" and local electrical codes. Electrical installation should be performed by a licensed electrician.
3. To reduce the risk of fire, electric shock, personal injury or damage to the fan or other items, the outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg). Use only UL/cUL listed outlet boxes marked "FOR FAN SUPPORT." Use only the screws and washers provided with the outlet box.
4. The fan must be mounted with a minimum of 7 ft. (2.1m) clearance from the trailing edge of the fan blades to the floor and a minimum of 1.5 ft (0.5m) from the edge of the fan blades to the surrounding walls.
5. Never place objects in the path of the fan blades.
6. To avoid personal injury or damage to the fan and other items, please be cautious when working around or cleaning the fan.
7. To avoid electrical shock or damage to the motor or finish, do not use water or chemicals when cleaning the fan or fan blades. A dry cloth or lightly dampened cloth will be suitable for most cleaning.
8. 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 the ungrounded conductor on the other side of the outlet box.
9. All set screws must be checked and re-tightened where necessary before installation.

## SAFETY RULES

**WARNING:** Do not install or use your fan if any part(s) is/are damaged or missing. This product is designed for use only with the supplied parts and/or accessories designated for use with this product by WAC. Substitution of parts or accessories not designated for use with this product by WAC could result in personal injury or property damage and will void the warranty. Contact an authorized dealer or the manufacturer if any parts are damaged or missing.

**WARNING:** To reduce the risk of electric shock, this fan must be installed and operated with the supplied wall control, or controlled from the WAC app or Wi-Fi Touch Panel Wall Control (not included).

**WARNING:** Do not use power tools to assemble or install your fan. Using power tools can result in improper assembly which can lead to noise or fan damage, personal injury or property damage.

**WARNING:** To reduce the risk of personal injury, do not bend the blade arms when installing the brackets, balancing the blades or cleaning the fan.

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

**WARNING:** Do not operate fan unless fan blades are in place. Noise and fan damage can occur

**WARNING:** This appliance is not intended for use by young children without supervision.

**CAUTION:** Before assembling your fan, refer to the "Making the Electrical Connections" section. If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

**NOTE:** Before servicing or cleaning the fan, switch power off at the circuit breaker.

# GET SMART

All WAC Smart Fans are:



Wet location-listed to the strictest UL/cUL safety regulations



Coordinate with smart devices for voice-activated control

**DC**  
MOTOR

Quiet, reliable, and up to 70% more efficient than AC motor fans

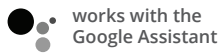


Wi-Fi and Bluetooth enabled for unlimited control



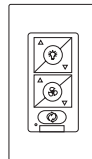
Compatible with our WAC app

The WAC app synchronizes seamlessly with smart home devices you already own



## APP DOWNLOAD

Available for purchase on the Google Play and App Store



## WALL CONTROL

### WC20-WT

Included with each fan  
6 fan speeds  
Dims light to 1%  
ON/OFF



## REMOTE CONTROL

### RC20-WT White

Included with each fan  
6 fan speeds  
Dims light to 1%  
ON/OFF



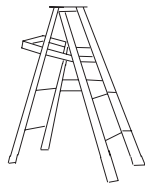
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## 03 | TOOLS & MATERIALS REQUIRED



Phillips screwdriver



Step ladder



Wire cutters



Electrical tape

**NOTE:** Before discarding packaging materials, be certain all parts have been removed.

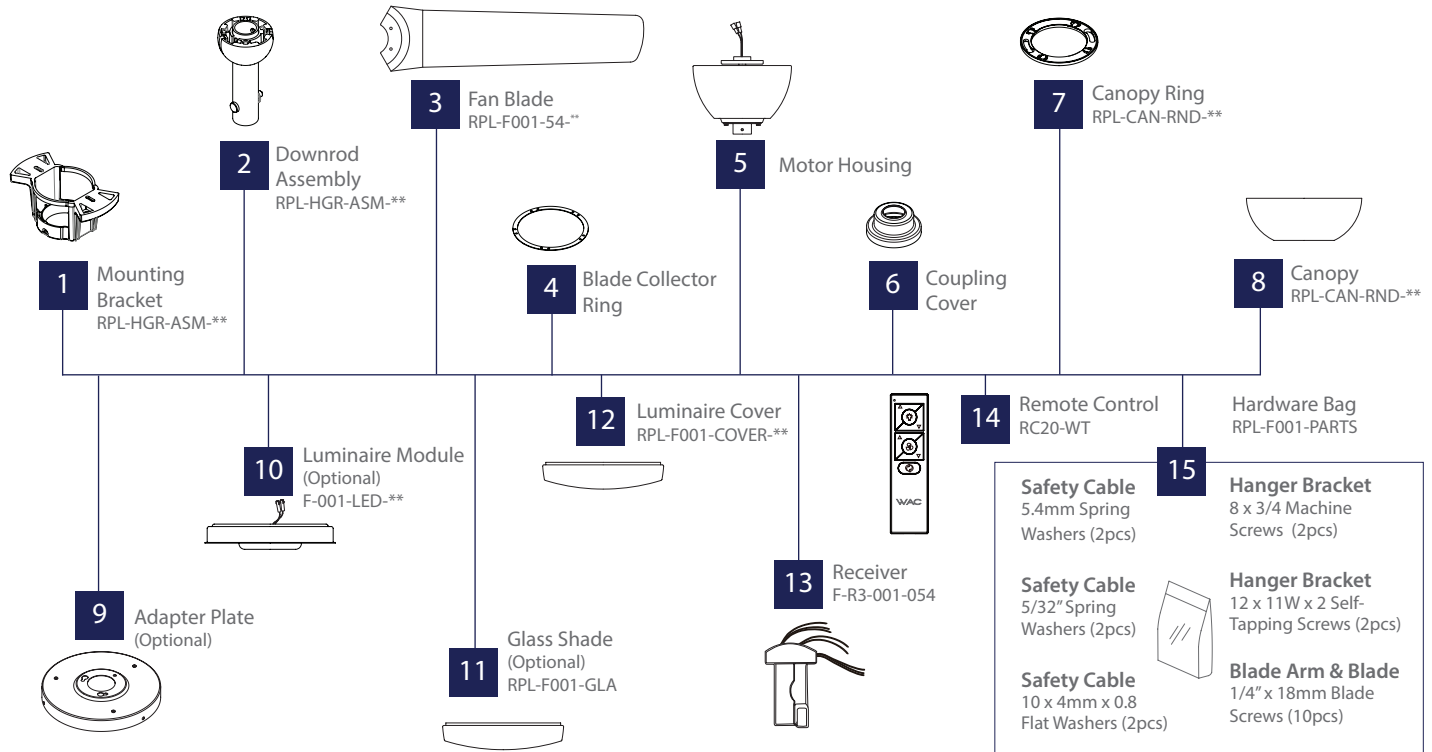
**NOTE:** Place the parts from the hardware bag into a small container to keep them from being lost.

MAC ID

**IMPORTANT:** Please make note of the MAC ID on the receiver and keep it in a safe place.



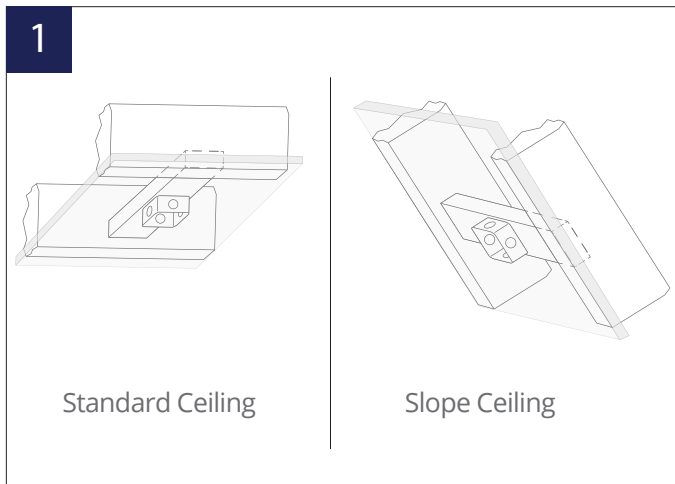
# PACKAGE CONTENTS | 04



NOTE: \*\* denotes finish code of fan

F-001

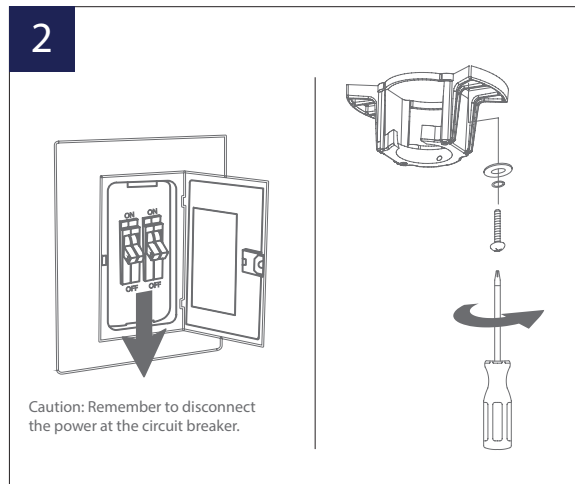
## 05 | MOUNTING OPTIONS



**CAUTION:** To prevent electrical shock, ensure electricity has been turned off at the circuit breaker before beginning.

Figures 1 and 2 are examples of different ways to mount the outlet box.

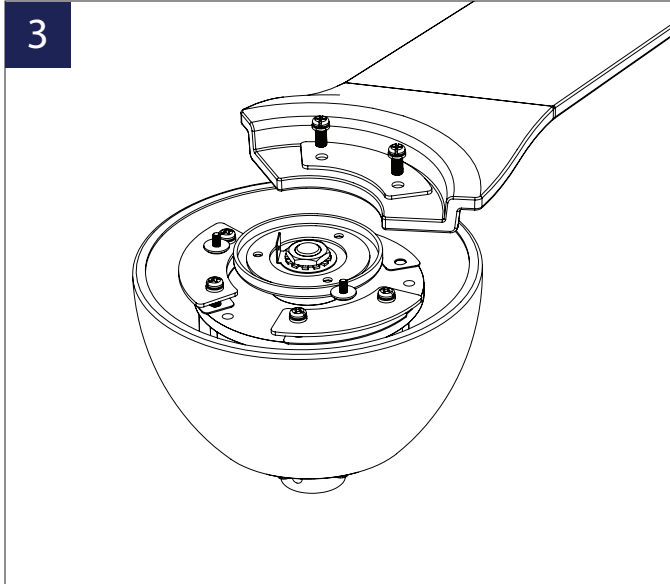
## INSTALLING THE MOUNTING BRACKET



Remove 1 set screw from mounting bracket and set aside for use in Finishing the Installation.

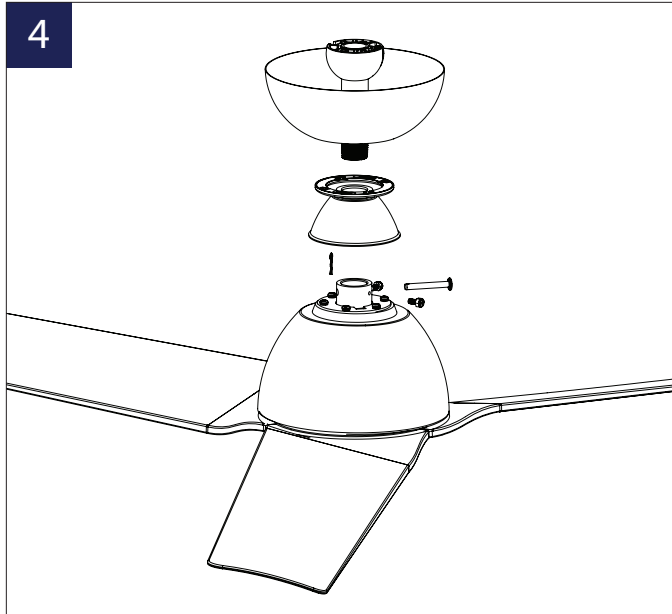
Pass supply wires through mounting bracket and secure to outlet box.

## ATTACHING THE FAN BLADES | 06

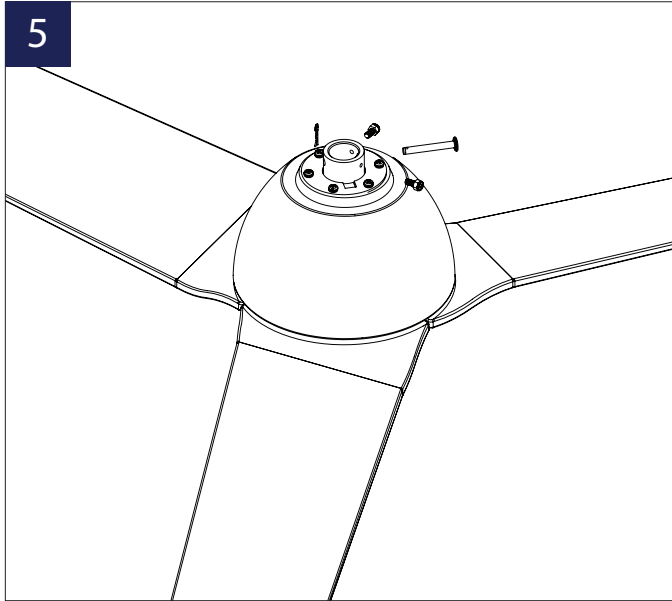


1. Place blade on motor and secure with the blade attachment, screws and washers.
2. Insert blades in slots, aligning with motor assembly holes.
3. Secure blades with blade attachment screws & washers.
4. Remove set screws from motor housing, install blade collector ring (when applicable), and re-install screws.

## 07 | HANGING THE FAN

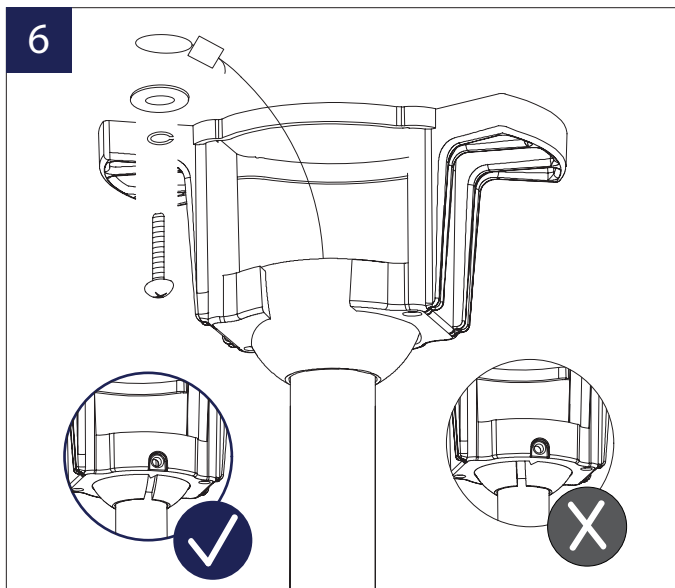


1. Remove screw from hanger ball. Remove hanger ball and cross pin.
2. Loosen 2 screws, clevis pin and cotter pin.
3. Install coupling cover, canopy screw ring, canopy and downrod assembly into motor housing as shown.



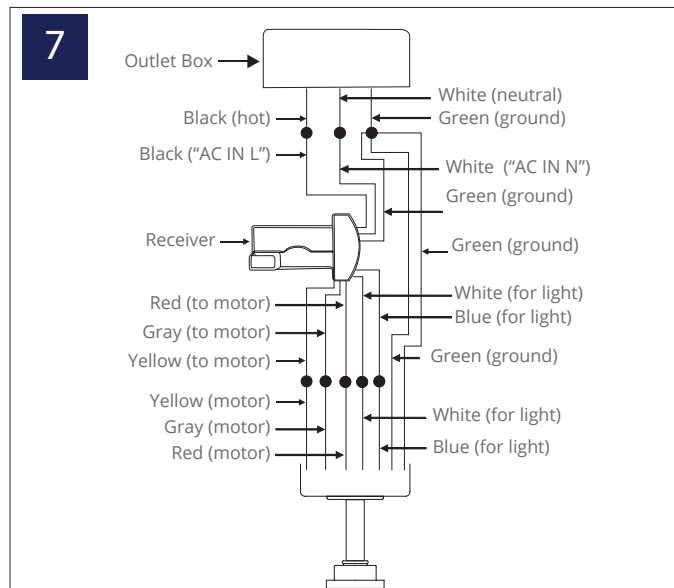
1. Align downrod and motor collar holes, re-insert pins and screws.
2. Slip up canopy and canopy screw cover. Re-install hanger ball with cross pin in correct place.

## 07 | HANGING THE FAN

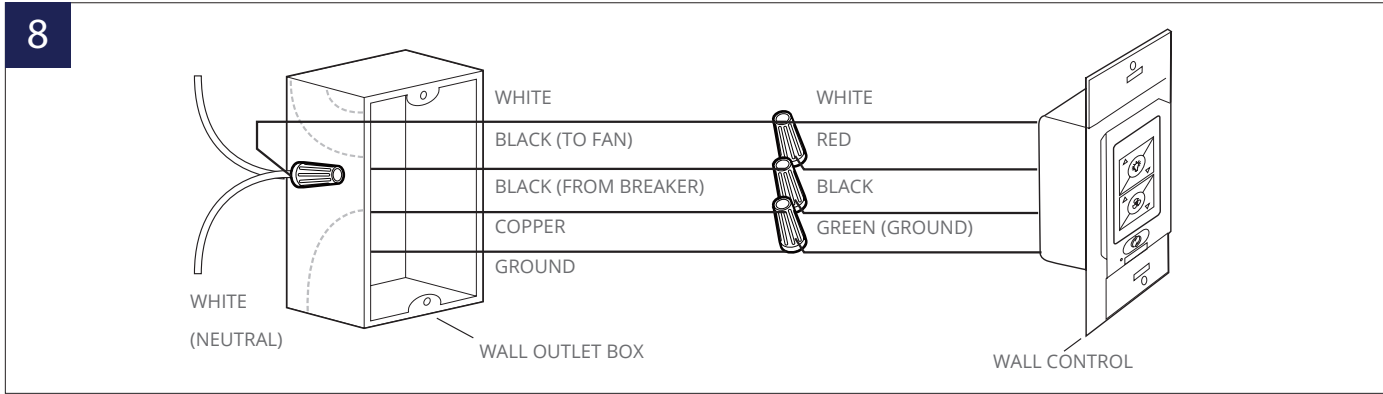


1. Seat all into the mounting bracket. Rotate until ball drops and locks into hanger bracket screw.
2. Secure safety cable to structure.

## MAKING THE ELECTRICAL CONNECTIONS



1. Connect the wires from fan to the corresponding wires on the receiver.
2. Connect the wires from the outlet box to the corresponding wires on the receiver.

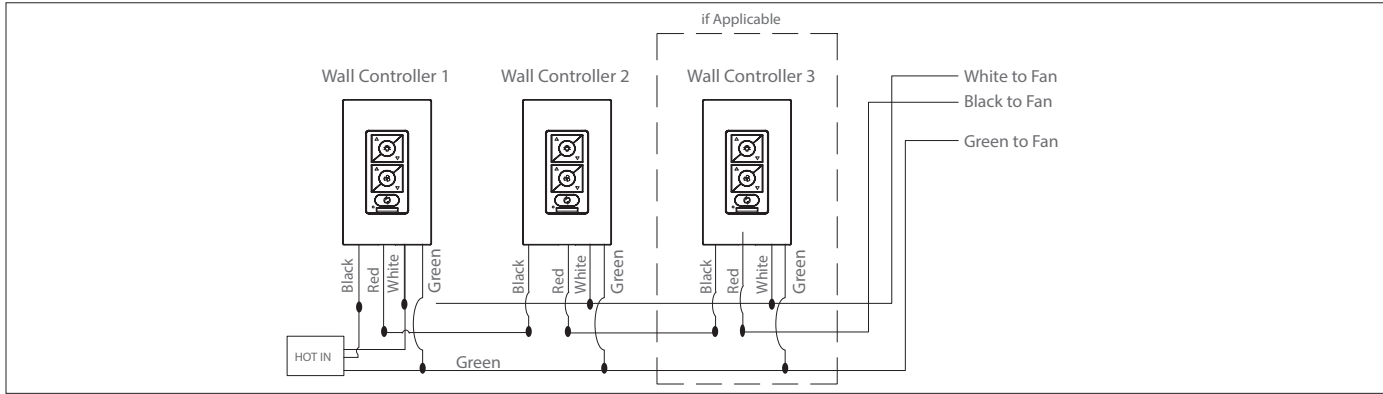


**NOTE:** Wall control not included. A Bluetooth wall control accessory can be purchased separately.

**NOTE:** For multi-location wiring, skip to the next step.

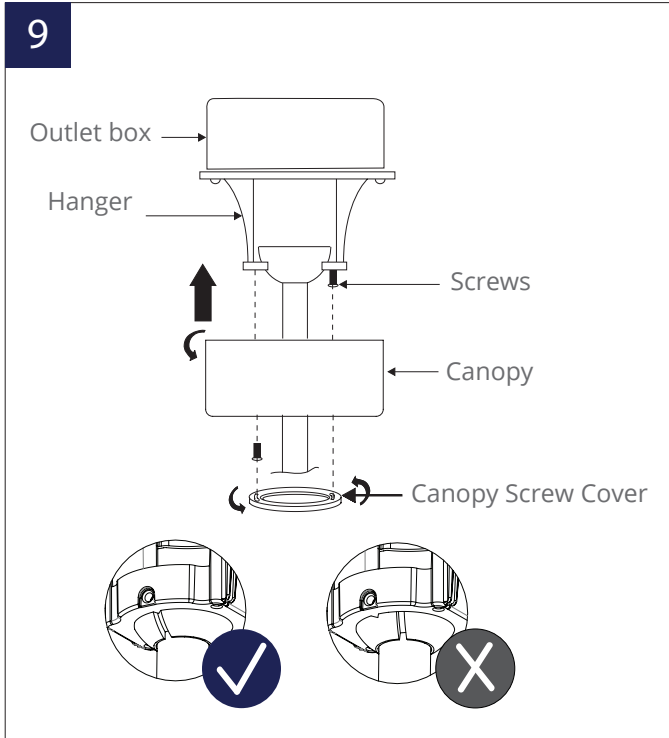
1. Connect the green wire marked "GROUND" from the wall control to the copper wire from the wall outlet box that feeds back to the circuit breaker – important for proper fan function.
2. Connect the black wire marked "LINE IN" from the wall control to the black LINE VOLTAGE wire from the wall outlet box that feeds back to the circuit breaker.
3. Connect the red wire from the wall control to the black wire from the wall outlet box that feeds up to the fan.
4. Connect the white wire from the wall control to the white (neutral) wire from the wall outlet box.
5. Carefully tuck the wire connections inside the outlet box. Secure the wall control with the two (2) wall control screws provided.
6. Attach the wall mounting plate over the wall switch and secure with the two (2) wall mounting plate screws provided.
7. Fasten the wall plate to the wall mounting plate.

## 08 | INSTALLING THE WALL CONTROL



1. Install the wall control using the wiring diagram in below.
2. Individually pair each of the wall controls with the fan receiver using the pairing instructions in section 15.

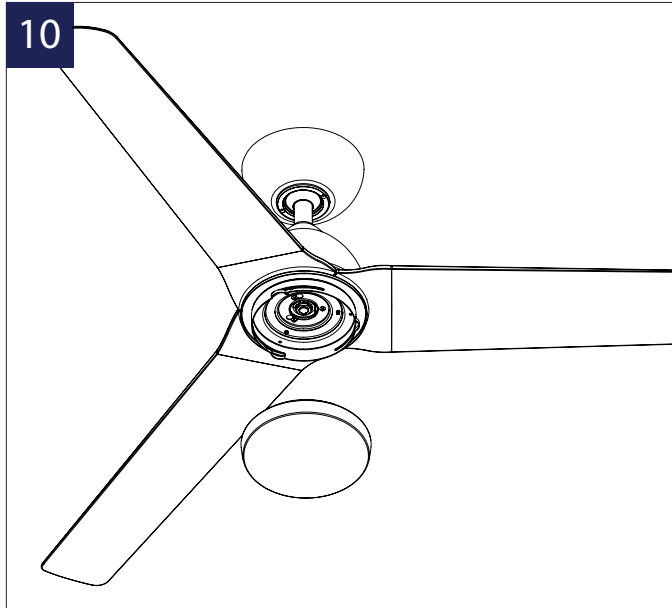




1. Secure wire connectors with supplied wire ties.
2. Install canopy to mounting bracket with the screw removed in section 2.
3. Install canopy screw ring as shown.

## 10 | INSTALLING THE COVER

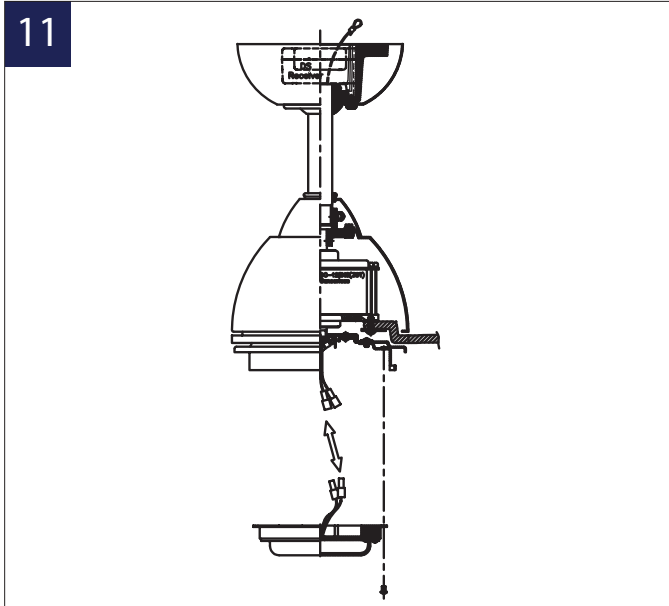
When installing the Non-Luminaire version



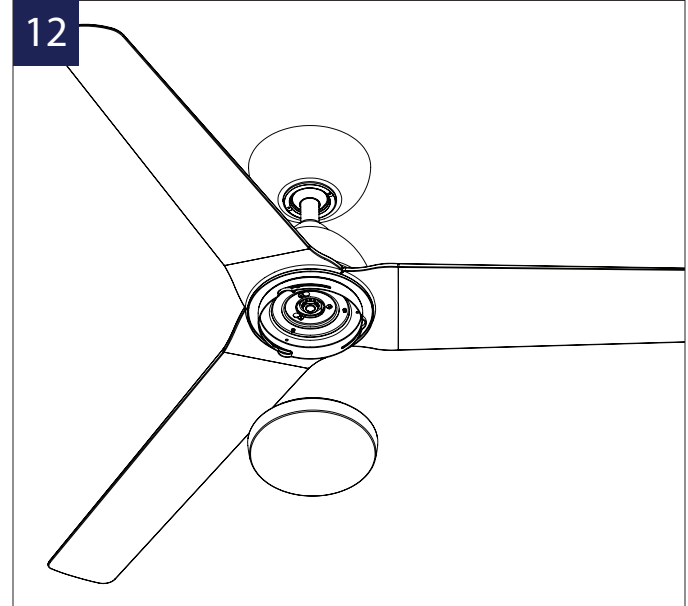
1. Install luminaire cover without over-tightening.

## INSTALLING THE LUMINAIRE MODULE | 10

When installing the Luminaire version (F-003L)



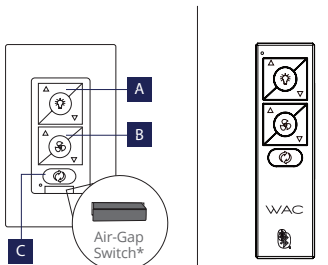
1. Secure the luminaire module with the 3 screws to the adapter plate.



1. Install glass shade without over-tightening.

# 11 | CONTROLLING THE FAN

**13**

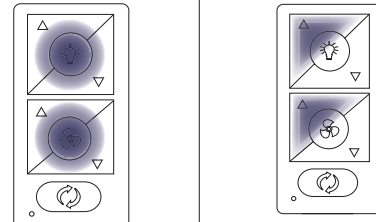


**Wall Control**

\* Air-Gap Switch only included with wall control

**Remote Control**

**14**



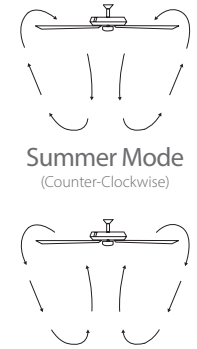
**Pairing**

Press and hold buttons for 10-15 seconds.

**Unpairing**

To purge, press and hold buttons for 4 seconds.

**15**



**Summer Mode**  
(Counter-Clockwise)

**Winter Mode**  
(Clockwise)

Your fan is pre-paired. If you need to pair your fan refer to step 14.

**A:** Light On/Off, Bright/Dim +/- **B:** Fan On/Off, Fan Speed +/-

**C:** Reverse Button (Summer and Winter Modes)

**Air-Gap Switch:** Pull tab to power off in case of emergency. Not necessary for normal fan operation (only included with wall control).

**NOTE:** Your fan features 6 speeds. An audible tone will indicate when the speed is increased or decreased. When the fan has reached the minimum/maximum speed level the fan will beep twice

**NOTE:** Pairing must be completed within 3 minutes of turning the power on to the fan receiver.

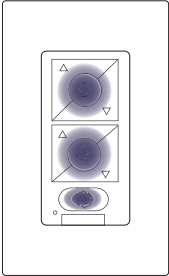
**16**



**Fan Wi-Fi Reset**

Press and hold the   and  buttons until the LED blinks green and the receiver beeps

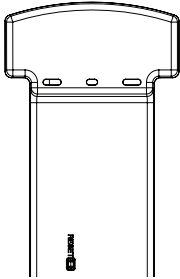
**17**



**Factory Reset**

Press and hold buttons for 10 seconds

**18**



**Receiver Factory Reset**

Press the reset button on the receiver until the receiver beeps

**NOTE:** Changes to your Wi-Fi network settings (SSID or Security Passphrase) will prevent your fan from connecting to the cloud. You can re-establish connectivity by performing a Wi-Fi Reset and using the WAC app to reconfigure the fan to connect to the network with the new settings.

**NOTE:** Factory reset will remove remote control(s), wall control(s) and WAC app connections.

**NOTE:** You may need to factory reset your receiver if you experience issues with network connectivity. Once you factory reset your receiver - go back into the app and follow the steps. The factory reset from the wall control only works if the wall control was successfully paired to the fan.

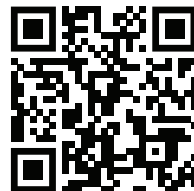
## 13 | APPLICATION

In addition to the included control, you can operate your fan with the WAC app\*.

### Upgradeable with Smart Features

Scan the code to the right with your phone to find out how you can enable smart features through the WAC app and integrate with your smart home ecosystem.

1. Press light toggle and season toggle and hold for 4 seconds to enable Wi-Fi.
2. To use the WAC app, download it from the App Store or Google Play.
3. Open the app to create your account. You can also log in using your Facebook or Google account.
4. To set up a Wi-Fi connection you will need the SSID and Wi-Fi password for the network you wish to connect to.
5. You will receive a prompt to name your fan device and upload an optional picture of it if you choose.



For more detailed app Instructions and Smart Home Device Integration

<http://www.waclighting.com/SmartFanStart>

- The WAC app will walk you through the main screen and show you how to create schedules, change fan speeds, dim the light, switch between Summer and Winter Modes, invite users, create groups and much more. Please refer to the WAC app instructions for more details.

\*\*Additional purchase required to enable app control and integration.

Scan and follow prompts for multilingual instruction options and Smart Fan FAQs:







Spanish



French

# 14 | ACCESSORIES

Product	Model	Description	Finish
Bluetooth Wall Control 	WAC20-	6 fan speeds, dims light to 1% Works in conjunction with WAC Smart Fan receiver (not included)	WT
Coupler 	DC-	Connects two downrods	BA, BN, MB, MW
Slope Ceiling Kit 	SC-	Designed to accommodate buildings with steeper sloped ceilings up to 45° or 12/12 pitch	BA, BN, MB, MW
Bluetooth Remote Control 	RC20-	Compatible with WAC Smart Fans 6 fan speeds, dims light to 1%	WT



## Product

## Model

## Description

## Finish

Downrod



**DR-12** 12" downrod

**BA, BN, MB, MW**

**DR-18** 18" downrod

**BA, BN, MB, MW**

**DR-24** 24" downrod

**BA, BN, MB, MW**

**DR-36** 36" downrod

**BA, BN, MB, MW**

**DR-48** 48" downrod

**BA, BN, MB, MW**

**DR-60** 60" downrod

**BA, BN, MB, MW**

**DR-72** 72" downrod

**BA, BN, MB, MW**

All our downrods are **1"** O.D. and are threaded on the motor end to create an extra layer of security to allow for adjustments in the field

# CERTIFICATE OF WARRANTY

Congratulations on your new purchase.

Your new WAC Smart Fan is engineered to make life easier every day. WAC creates future-forward fans and luminaires that provide energy savings and outstanding efficiency. Our dedication to doing things the right way goes beyond our love for amazing products. WAC Smart Fans™ warrants any of its outdoor rated ceiling fan products that they are to be free from defects in material and workmanship for a period of one (1) year from the date of purchase; outdoor painted finishes are warranted for two (2) years; LED light modules and electronic components are warranted for five (5) years; DC motors and stainless steel finishes are warranted for lifetime under normal use to the first non-dealer purchaser.

Although WAC uses the best available materials and does extensive testing for finish endurance, some fading or chalking may occur and is considered normal. For coastal locations, some corrosion and/or deterioration is considered "normal wear" in this environment. Therefore, any finish claim due to coastal environment conditions is not applicable to our warranty. If a product is defective, all efforts will be made to correct the problem in the field. If the problem cannot be resolved, an RGA number will be issued. WAC obligation is expressly limited to repair or replacement, without charge, at the WAC factory after prior written return authorization has been granted.

WAC obligation under this warranty shall not extend beyond the distributor's initial purchase price of the product and accordingly any consequential damages or labor costs arising out of a defect are expressly excluded. This warranty shall not apply to products that have been altered, improperly installed, mishandled or misused. Notice of a defect in writing must be received by WAC within five (5) years from the date of purchase (or according period of time as outlined by material). Excluded from warranty are any 3rd party component which carries its own manufacturer's warranty. Note: WAC product warranty applies only to purchases from authorized WAC distributors. **THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Wangs Alliance Corporation is under license. Other trademarks and trade names are those of their respective owners.

Felicidades por tu nueva compra.

Su nuevo ventilador moderno de formas modernas está diseñado para facilitarle la vida cada día. WAC crea ventiladores y luminarias para el futuro que proporcionan ahorros de energía y eficiencia excepcional. Nuestra dedicación a hacer las cosas de la manera correcta va más allá de nuestro amor por los productos asombrosos. WAC garantiza a cualquiera de sus productos para ventiladores de techo con clasificación exterior que estén libres de defectos en materiales y mano de obra por un período de un (1) año desde el fecha de compra; Los módulos de luz LED están garantizados por cinco (5) años; Los motores de CC y los acabados de acero inoxidable están garantizados de por vida bajo el uso normal para el primer comprador no distribuidor.

Aunque WAC utiliza los mejores materiales disponibles y realiza pruebas exhaustivas para la resistencia del acabado, puede producirse cierto desvanecimiento o parloteo y se considera normal. Para las ubicaciones costeras, cierta corrosión y / o deterioro se considera "desgaste normal" en este entorno. Por lo tanto, cualquier reclamación de acabado debido a las condiciones del entorno costero no se aplica a nuestra garantía. Si un producto es defectuoso, se harán todos los esfuerzos para corregirlo.

El problema en el campo. Si el problema no se puede resolver, se emitirá un número RGA. La obligación de WAC se limita expresamente a la reparación o el reemplazo, sin cargo, en la fábrica de WAC después de que se haya otorgado una autorización previa por escrito.

La obligación de WAC bajo esta garantía no se extenderá más allá del precio de compra inicial del producto por parte del distribuidor y, en consecuencia, cualquier daño consequential o costo de mano de obra que surja de un defecto se excluye expresamente. Esta garantía no se aplicará a los productos que hayan sido alterados, instalados incorrectamente, mal manejados o mal utilizados. La notificación de un defecto por escrito debe ser recibida por WAC dentro de los cinco (5) años a partir de la fecha de compra (o según el periodo de tiempo indicado en el material). Quedan excluidos de la garantía todos los componentes de terceros que tengan la garantía de su propio fabricante. Nota: la garantía del producto WAC se aplica solo a las compras de los distribuidores autorizados de WAC. **NO HAY GARANTÍAS QUE SE EXTIENDAN MÁS ALLÁ DE LA DESCRIPCIÓN DE SU CARACTERÍSTICA, INCLUIDAS LAS GARANTÍAS DE COMERCIALIZACIÓN Y ADECUACIÓN PARA UN PROPÓSITO PARTICULAR.**

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Félicitations pour votre nouvel achat.

Votre nouveau ventilateur intelligent WAC est conçu pour vous simplifier la vie au quotidien. WAC crée des ventilateurs et des luminaires d'avant-garde qui permettent des économies d'énergie et une efficacité exceptionnelle. Notre engagement à bien faire les choses va au-delà de notre amour pour les produits étonnants. WAC garantit à tous ses produits pour ventilateurs de plafond pour extérieur qu'ils ne doivent présenter aucun défaut de matériau ou de fabrication pendant un (1) an date d'achat; Les modules d'éclairage à LED sont garantis pendant cinq (5) ans; Les moteurs à courant continu et les finis en acier inoxydable sont garantis à vie dans les conditions normales d'utilisation par le premier acheteur non revendeur.

Bien que WAC utilise les meilleurs matériaux disponibles et effectue des tests approfondis pour l'endurance de la finition, des décolorations ou des craies peuvent se produire et sont considérés comme normaux. Pour les zones côtières, une certaine corrosion et / ou détérioration est considérée comme une «usure normale» dans cet environnement. Par conséquent, toute réclamation liée à la finition en raison des conditions de l'environnement côtier ne s'applique pas à notre garantie. Si un produit est défectueux, tous les efforts seront déployés pour y remédier. Le problème sur le terrain. Si le problème ne peut pas être résolu, un numéro RGA sera attribué. L'obligation de WAC est expressément limitée à la réparation ou au remplacement, sans frais, dans l'usine de WAC après autorisation écrite préalable du retour.

L'obligation de WAC au titre de cette garantie ne s'étendra pas au-delà du prix d'achat initial du produit par le distributeur. En conséquence, tout dommage indirect ou tout coût de main-d'œuvre résultant d'un défaut est expressément exclu. Cette garantie ne s'applique pas aux produits modifiés, mal installés, manipulés ou utilisés de manière inappropriée. WAC doit recevoir un avis écrit du défaut dans un délai de cinq (5) ans à compter de la date d'achat (ou selon la période précisée dans les informations fournies). Sont exclus de la garantie tout composant tiers bénéficiant de la garantie du fabricant. Remarque: la garantie des produits WAC ne s'applique qu'aux achats auprès des distributeurs agréés WAC. **IL N'Y A AUCUNE GARANTIE QUI ALLAIT AU-DELÀ DE LA DESCRIPTION FACE AU PRESENT, INCLUANT LES GARANTIES DE QUALITÉ MARCHANDE ET D'ADÉQUATION À UN USAGE PARTICULIER.**

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WAC  
*SMART FANS*

F-001

[wacighting.com](http://wacighting.com)