CLOUDLINE

S/T SERIES

AC INFINITY

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE CL2609X1

PRODUCT	MODEL	UPC-A
CLOUDLINE S4	AI-CLS4	819137020290
CLOUDLINE S6	AI-CLS6	819137020306
CLOUDLINE S8	AI-CLS8	819137020849
CLOUDLINE S10	AI-CLS10	819137020856
CLOUDLINE S12	AI-CLS12	819137021006
CLOUDLINE T4	AI-CLT4	854759004785
CLOUDLINE T6	AI-CLT6	854759004792
CLOUDLINE T8	AI-CLT8	819137020276
CLOUDLINE T10	AI-CLT10	819137020283
CLOUDLINE T12	AI-CLT12	819137021013



EC models CANNOT be daisy-chained with DC models. See the Adding More Devices section for more information on daisy-chaining fans and safety precautions.

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SAFETY WARNINGS



ENSURE YOUR POWER SOURCE CONFORMS TO THE ELECTRICAL REQUIREMENTS OF THIS PRODUCT.

1. Check your local code restrictions for additional safety measures that may be needed for a proper code-compliant installation.
2. Read all instructions before installing and using this product.
3. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.
4. Do not attempt to hardwire this product. Performing any retrofitting actions may result in personal injury and/or electrical damage, and will void this product's warranty.
5. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.
6. Ducted products must always be vented to outdoor areas.
7. Do not cover power cords with rugs or other fabric materials.
8. This product has rotating parts. Safety precautions should be exercised during the installation, operation, and maintenance of this product. After switching off, wait until all moving parts have come to a complete stop before servicing or cleaning.
9. Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust openings as it may cause electric shock, fire, or damage to this product. Do not block or tamper with this product in any manner while it is in operation. Do not cover or obstruct airflow openings during operation.
10. Do not depend on the on/off programming as the sole means of shutting power from this product. Unplug the power cord before installing, servicing, or moving this product. Servicing or internal repairs must only be carried out by qualified personnel.
11. Do not operate this product while its cord is damaged, or if it malfunctions, has been dropped, or is damaged in any manner.
12. This product is intended solely for indoor air ventilation and exhaust applications such as horticultural grow systems. Do not use it outdoors or for any other purpose.
13. Keep this product out of reach of children and pets. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities without supervision.
14. The controller shall be used at an altitude not exceeding 16,400 ft. (5000 m).
15. This controller is intended for plant growth monitoring.
16. The recommended controller installation height shall not exceed 6.5 ft. (2 m).
17. Do not dispose of this product with household waste. Dispose of it at an appropriate collection point for recycling electrical and electronic equipment, in accordance with Directive 2012/19/EU (WEEE).
18. This product complies with the essential requirements of Directive 2014/30/EU (EMC) and Directive 2014/35/EU (Low Voltage).

Manufacturer: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789 USA

EU Representative: THEMIS AR Unterstützung UG (haftungsbeschränkt), Beedstrasse 54, 40468 Düsseldorf, Germany, legal@themisar.com

EU Conformity: CE / RoHS / WEEE / LVD / EMC (as applicable)

FCC Warning

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

SAFETY WARNINGS

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Warning

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.

The device meets the exemption from the routine evaluation limits in issue 6 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Avertissement ISED

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux

CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la numéro 6 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'exposition et la conformité de rf.

Cet émetteur ne doit pas être Coplacé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

⚠ WARNING / AVERTISSEMENT

- 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.

- DANGER D'INGESTION: Ce produit contient une cellule boutonée ou une batterie de pièces.
- La mort ou les blessures graves peut survenir si elles sont ingérées.
- Une cellule a bouton avalée ou une batterie de monnaie peut provoquer des brûlures chimiques internes en aussi peu que 2 heures.
- Gardez les batteries neuves et utilisées hors de portée des enfants. Recherchez un médecin immédiat si une batterie est suspectée d'être avalée ou insérée dans une partie du corps.





SICHERHEITSHINWEISE





STELLEN SIE SICHER, DASS IHRE STROMQUELLE DEN ELEKTRISCHEN ANFORDERUNGEN DIESES PRODUKTS ENTSPRICHT.

1. Prüfen Sie die örtlichen Vorschriften, um zusätzliche Sicherheitsmaßnahmen zu berücksichtigen, die für eine vorschriftsgemäße Installation erforderlich sein können.
2. Lesen Sie alle Anweisungen sorgfältig durch, bevor Sie dieses Produkt installieren und verwenden.
3. Wenn Sie mit der Installation dieses Produkts nicht vertraut sind oder Zweifel haben, wenden Sie sich an einen qualifizierten, geschulten und lizenzierten Fachmann. Eine unsachgemäße Installation führt zum Verlust der Garantie.
4. Versuchen Sie nicht, dieses Produkt fest zu verdrahten. Jegliche nachträglichen Umbauten können zu Verletzungen oder elektrischen Schäden führen und führen ebenfalls zum Verlust der Garantie.
5. Dieses Produkt darf nicht in potenziell gefährlichen Umgebungen wie brennbaren, explosiven, chemisch belasteten oder feuchten Bereichen verwendet werden.
6. Abluftführende Produkte müssen stets in Außenbereiche entlüftet werden.
7. Decken Sie Netzkabel nicht mit Teppichen oder anderen Stoffmaterialien ab.
8. Dieses Produkt enthält rotierende Teile. Es ist besondere Vorsicht bei der Installation, dem Betrieb und der Wartung geboten. Warten Sie nach dem Ausschalten, bis alle beweglichen Teile vollständig zum Stillstand gekommen sind, bevor Sie Wartungs- oder Reinigungsarbeiten durchführen.
9. Stecken Sie keine Finger oder Fremdkörper in Lüftungs- oder Abluftöffnungen, da dies zu elektrischem Schlag, Brand oder Beschädigung des Produkts führen kann. Blockieren oder manipulieren Sie das Produkt nicht während des Betriebs. Decken oder behindern Sie die Luftzufuhröffnungen während des Betriebs nicht.
10. Verlassen Sie sich nicht ausschließlich auf die Ein-/Ausschaltprogrammierung, um das Gerät vollständig vom Stromnetz zu trennen. Ziehen Sie immer den Netzstecker, bevor Sie das Produkt installieren, warten oder bewegen. Wartungs- und Reparaturarbeiten dürfen nur von qualifiziertem Fachpersonal durchgeführt werden.
11. Betreiben Sie dieses Produkt nicht, wenn das Netzkabel beschädigt ist, es Fehlfunktionen aufweist, heruntergefallen ist oder anderweitig beschädigt wurde.
12. Dieses Produkt ist ausschließlich für die Belüftung und Abluft in Innenräumen vorgesehen, wie z. B. in gartenbaulichen Anbausystemen. Verwenden Sie es nicht im Freien oder für andere Zwecke.
13. Halten Sie dieses Produkt außerhalb der Reichweite von Kindern und Haustieren. Dieses Gerät ist nicht für Personen mit eingeschränkten physischen, sensorischen oder geistigen Fähigkeiten ohne Aufsicht bestimmt.
14. Der Controller darf in einer Höhe von höchstens 16.400 Fuß (5.000 m) über dem Meeresspiegel verwendet werden.
15. Dieser Controller ist zur Überwachung des Pflanzenwachstums bestimmt.
16. Die empfohlene Installationshöhe des Controllers darf 6,5 Fuß (2 m) nicht überschreiten.
17. Entsorgen Sie dieses Produkt nicht über den Hausmüll. Bringen Sie es zu einer geeigneten Sammelstelle für Elektro- und Elektronik-Altgeräte gemäß Richtlinie 2012/19/EU (WEEE).
18. Dieses Produkt erfüllt die grundlegenden Anforderungen der Richtlinie 2014/30/EU (EMV) und der Richtlinie 2014/35/EU (Niederspannung).

Hersteller: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789, USA

EU-Vertreter: THEMIS AR Unterstützung UG (haftungsbeschränkt), Beedstraße 54, 40468 Düsseldorf, Deutschland, legal@themisar.com

EU-Konformität: CE / RoHS / WEEE / LVD / EMC (falls zutreffend)

SICHERHEITSHINWEISE





FCC-Warnhinweis

Änderungen oder Modifikationen, die nicht ausdrücklich von der für die Konformität verantwortlichen Partei geneh- migt wurden, können zum Erlöschen der Betriebserlaubnis des Benutzers führen. Dieses Gerät entspricht Teil 15 der FCC-Vorschriften. Der Betrieb unterliegt den folgenden zwei Bedingungen:

1. Dieses Gerät darf keine schädlichen Störungen verursachen.
2. Dieses Gerät muss alle empfangenen Störungen akzeptieren, einschließlich solcher, die einen unerwün- schten Betrieb verursachen können.

Hinweis: Dieses Gerät wurde geprüft und entspricht den Grenzwerten für digitale Geräte der Klasse B gemäß Teil 15 der FCC-Vorschriften. Diese Grenzwerte dienen dazu, einen angemessenen Schutz vor schädlichen Störungen in Wohngebieten zu gewährleisten. Dieses Gerät erzeugt, verwendet und kann Hochfrequenzenergie abstrahlen. Wird es nicht gemäß den Anweisungen installiert und betrieben, kann es Funkstörungen verursachen. Es kann jedoch nicht garantiert werden, dass in einer bestimmten Installation keine Störungen auftreten. Sollte dieses Gerät den Radio- oder Fernsehempfang beein- trächtigen, was durch Aus- und Einschalten des Geräts festgestellt werden kann, wird dem Benutzer empfohlen, die Störung durch eine oder mehrere der folgenden Maßnahmen zu beheben:

- Richten Sie die Empfangsantenne neu aus oder stellen Sie sie an einem anderen Ort auf.
- Vergrößern Sie den Abstand zwischen Gerät und Empfänger.
- Schließen Sie das Gerät an eine Steckdose an, die zu einem anderen Stromkreis gehört als der, an den der Empfänger angeschlossen ist.
- Wenden Sie sich an den Händler oder an einen erfahrenen Radio-/Fernsehtechniker.

Dieses Gerät erfüllt die FCC-Grenzwerte für die Strahlen- belastung in einer unkontrollierten Umgebung. Das Gerät muss so installiert und betrieben werden, dass zwischen dem Strahler und Ihrem Körper ein Mindestabstand von 20 cm eingehalten wird. Dieser Sender darf nicht ge- meinsam mit einer anderen Antenne oder einem anderen Sender aufgestellt oder betrieben werden.

ISED-Warnhinweis

Dieses Gerät enthält lizenzfreie Sender und/oder Empfänger, die den lizenzfreien RSS-Standards von Innovation, Science and Economic Development Canada (ISED) entsprechen. Der Betrieb unterliegt den folgenden zwei Bedingungen:

1. Dieses Gerät darf keine Störungen verursachen.
2. Dieses Gerät muss alle empfangenen Störungen akzeptieren, einschließlich solcher, die einen unerwün- schten Betrieb des Geräts verursachen können.

Dieses Gerät erfüllt die Anforderungen der Ausnahme von den routinemäßigen Bewertungsgrenzwerten gemäß RSS- 102, Ausgabe 6, sowie die Anforderungen der RSS-102 hinsichtlich der HF-Exposition. Informationen zur HF-Ex- position und zur Einhaltung der kanadischen Vorschriften können von den Benutzern eingeholt werden.

Dieser Sender darf nicht gemeinsam mit einer anderen Antenne oder einem anderen Sender aufgestellt oder betrieben werden. Das Gerät muss so installiert und betrieben werden, dass zwischen dem Strahler und Ihrem Körper ein Mindestabstand von 20 cm eingehalten wird.

INTERFERENCE from MH and HPS LIGHTS

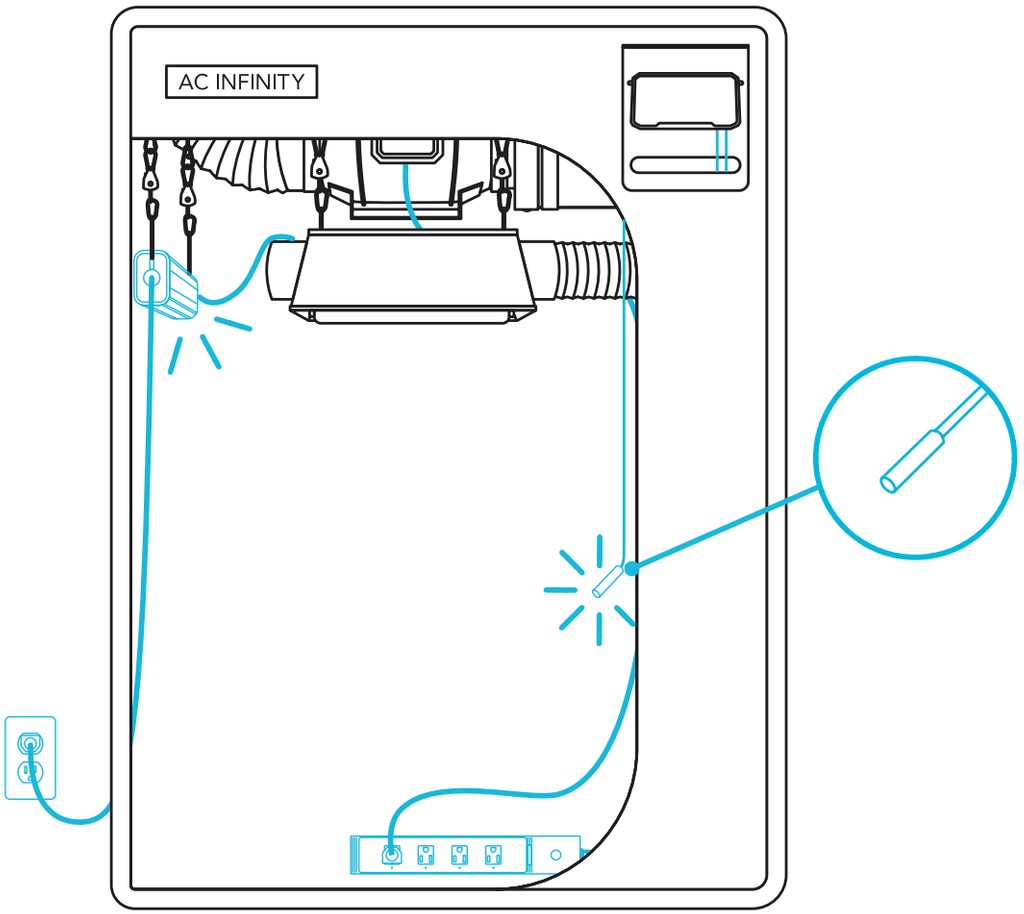
Certain grow light models with HID* ballasts that do not use electromagnetic shielding will create an area of radio frequency interference (RFI). This can distort nearby frequency-sensitive components like internet lines and climate sensors. RFI can be emitted from the ballast's cords or the ballast itself.

Follow these steps to ensure proper functionality and to prevent radio frequency interference from affecting your sensor probe:

TIP 1

Keep the probe cord far away from your ballast's cords to ensure the controller properly detects climate conditions.

You may also wrap the probe cord and create a cone around the sensor head with aluminum foil tape.



TIP 2

Do NOT plug your grow light and inline fan into the same duplex outlet. Plug your grow light and inline fan into separate power strips and electrical sockets.

*MH, HPS, CMH, or CHPS

KEY FEATURES

QUIET PWM MOTOR

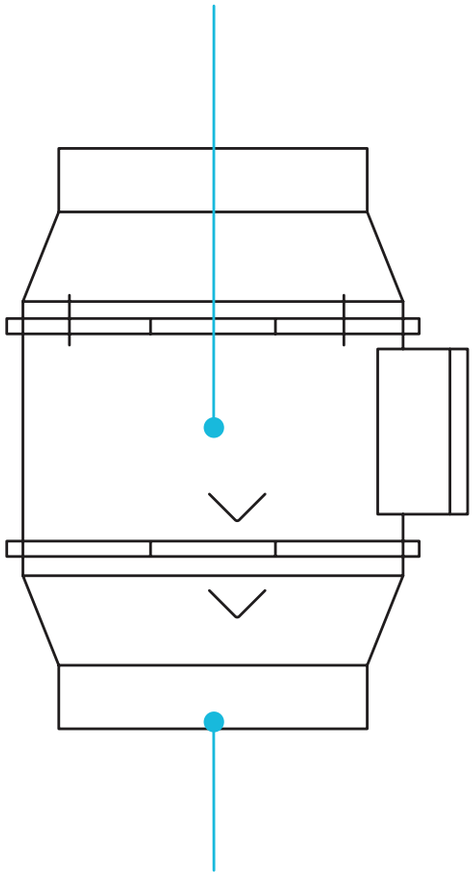
PWM-controlled EC motor features precise speed control, lower noise, and generates energy-efficient airflow.

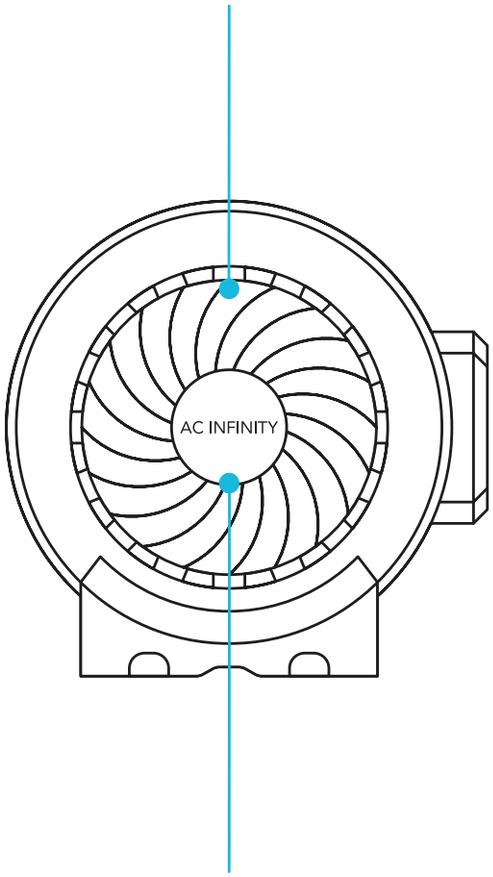
STATOR BLADE FANS

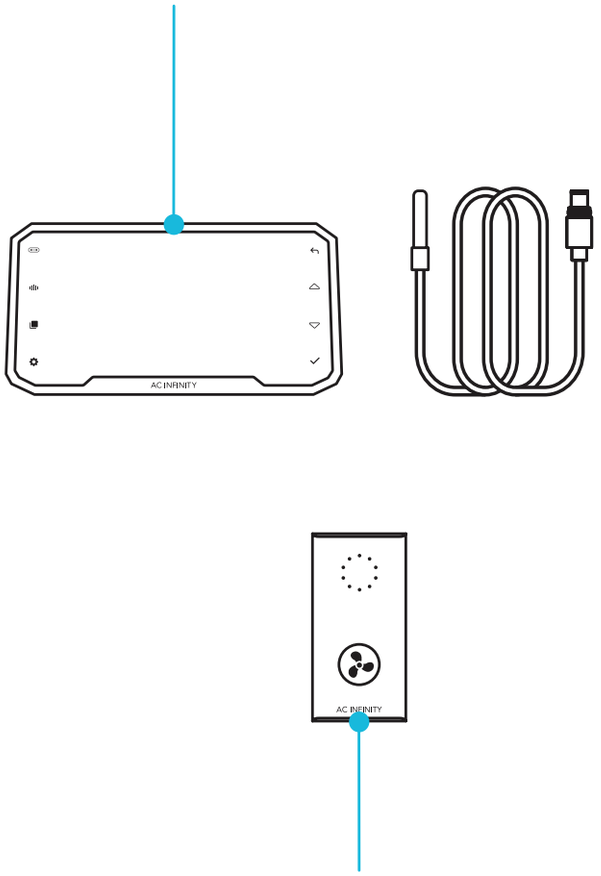
Hydro-mechanical stator blades enable efficient airflow delivery in high static pressure environments.

ADVANCED CONTROL

Full-color environmental controller provides temperature, humidity, and VPD programming with charts, alerts, and app connectivity.







IP54 PROTECTION

This inline duct fan is sealed to Ingress Protection 54 standards, rated with high resistance to liquids and dust.

DUAL BALL BEARINGS

The motor contains ball bearings with an estimated 67,000 hour lifespan. Enables the fan to be mounted in any direction.

SPEED CONTROLLER

Single button controller with circular readout display that enables fan speed control in up to ten speeds.

PRODUCT CONTENTS

CLOUDLINE S-Series



SPEED CONTROLLER (x1)



WOOD SCREWS (WALL MOUNT) (x1)

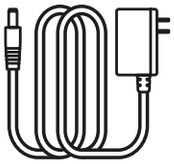


CONTROLLER PLATE BOLTS (x2)

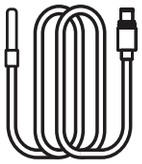
CLOUDLINE T-Series



SMART CONTROLLER (x1)



POWER ADAPTER (x1)



SENSOR PROBE (x1)



WOOD SCREWS (WALL MOUNT) (x2)

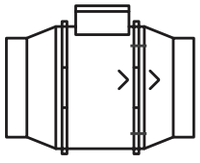


CONTROLLER PLATE BOLTS (x2)



CONTROLLER PLATE NUTS (x3)

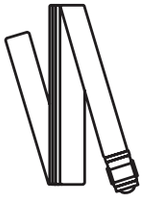
FAN UNIT (Included in both S-Series and T-Series)



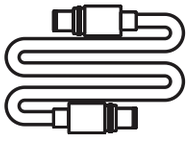
DUCT FAN SYSTEM (x1)



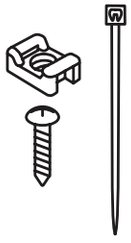
DUCT CLAMP (x2)



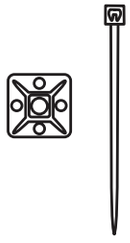
HANGING STRAPS (x2)



UIS M-M CORD, 10 FT. (x1)



WIRE MOUNT (x6)



ADHESIVE WIRE MOUNT (x1)



HOOK AND LOOP TIES (x4)

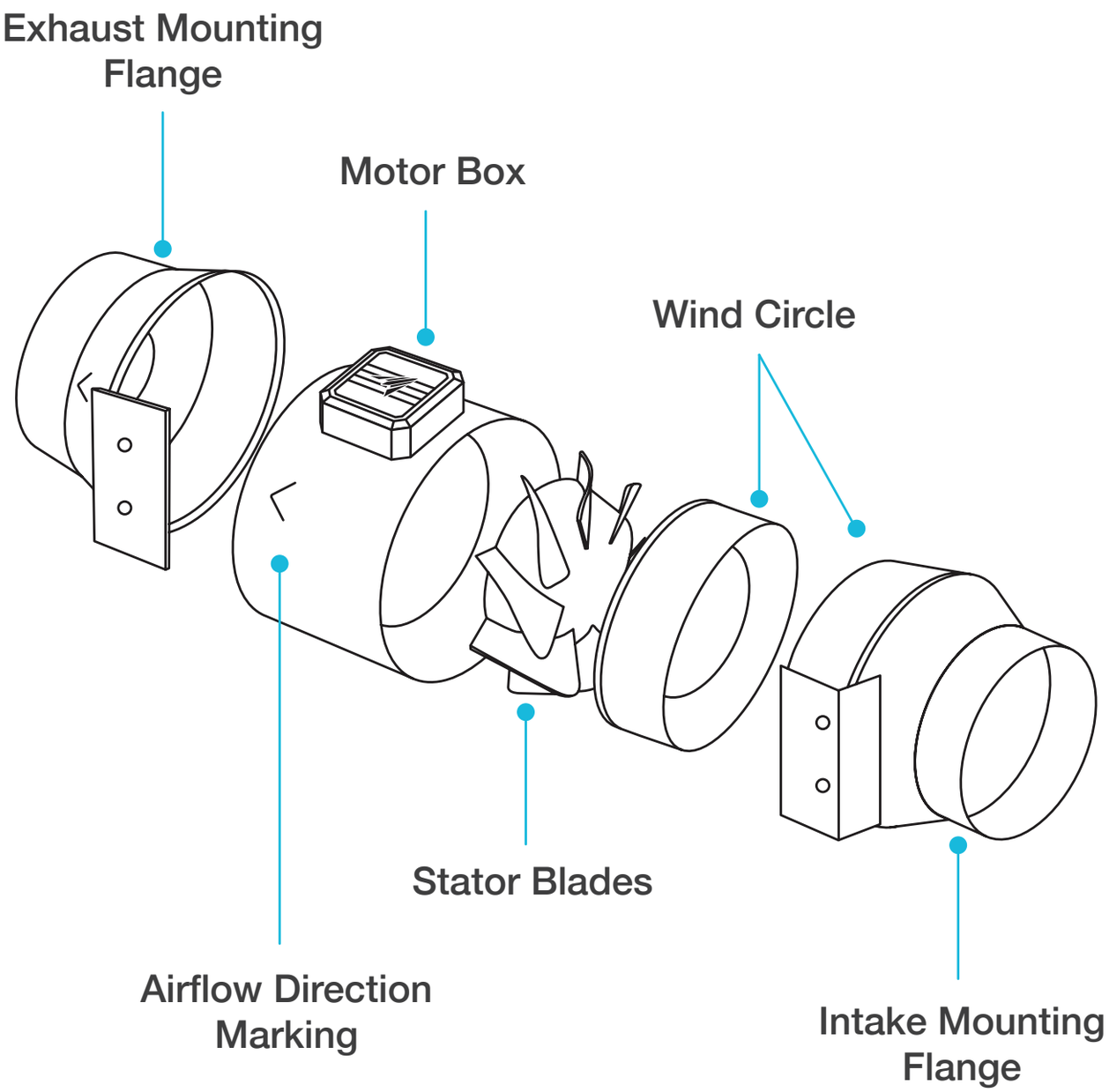


WALL ANCHOR (x4)



DUCT FAN SCREW SET (x4)

PRODUCT CONTENTS

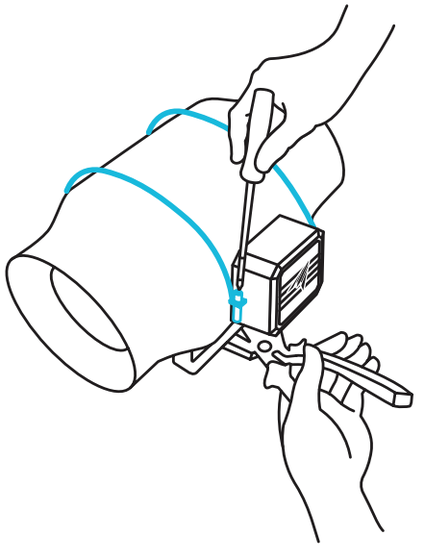


INSTALLATION

MOUNTING

STEP 1

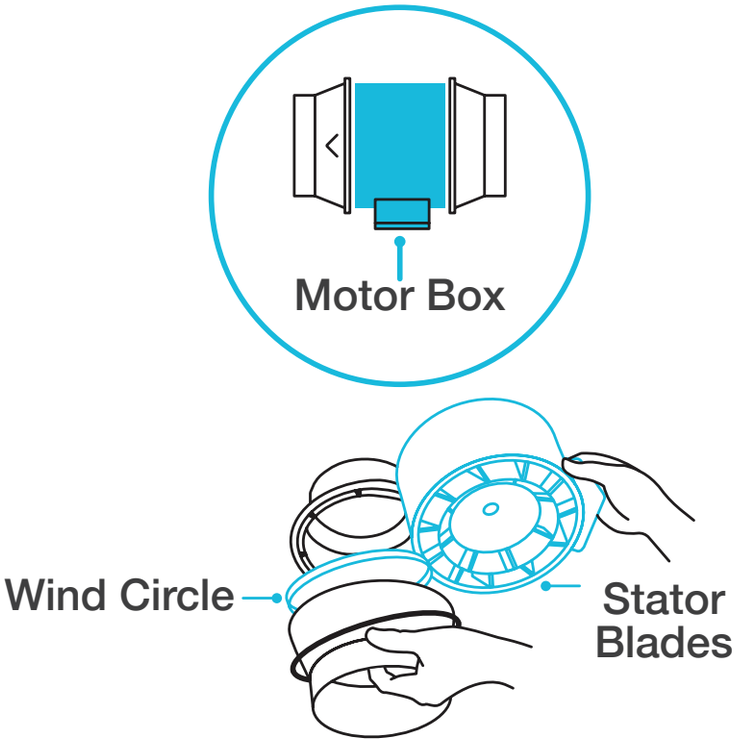
Unscrew and loosen the metal rings using a Phillips screwdriver and pliers.



STEP 2

Remove the motor box from the flange bracket.

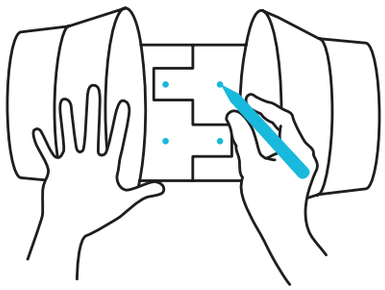
Remove the wind circle between the motor box and the intake flange.



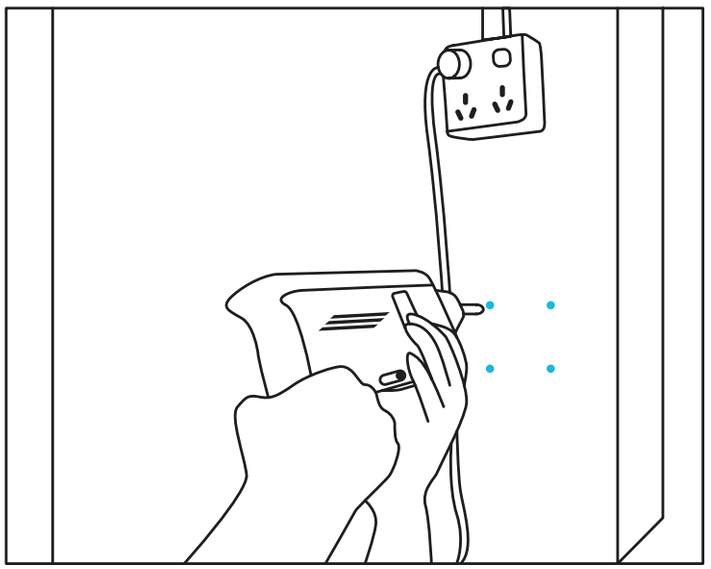
INSTALLATION
MOUNTING

STEP 3
Use the flange bracket to set your desired fan position. Mark the four mounting holes.





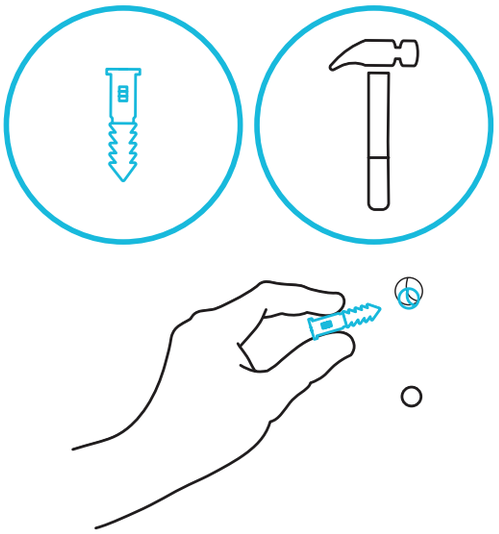
STEP 4
Drill four holes into the marked locations. Make sure your mounting area is structurally sound and free from obstruction.



INSTALLATION
MOUNTING

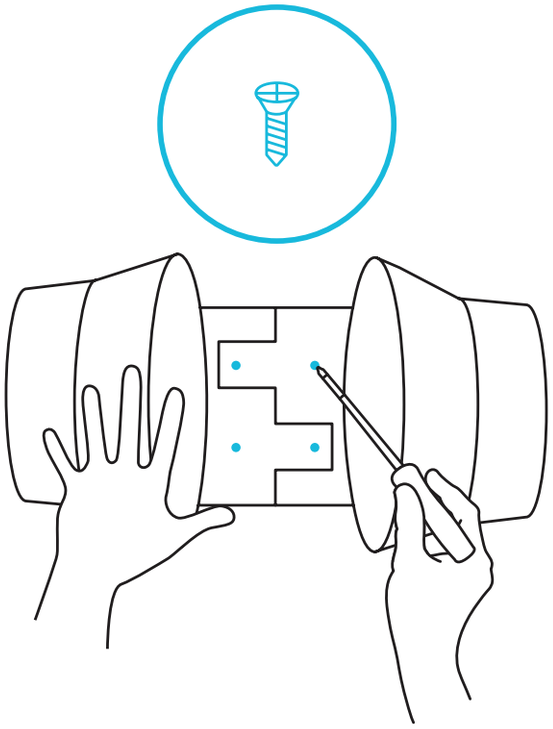
STEP 5
If you are mounting onto anything other than a wood support or stud, insert the included four wall anchors into the drilled mounting holes.

You may need to use a hammer to secure them through the holes.



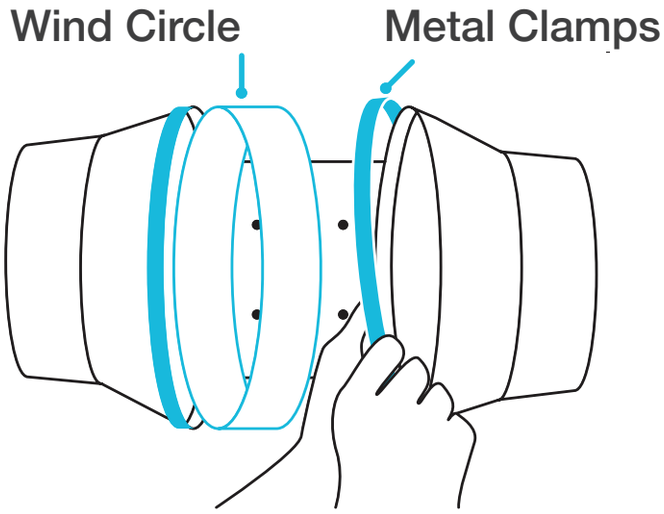
STEP 6
Align the flange bracket's holes with the wall anchors. Screw in four wood screws with a screwdriver or drill to secure the flange bracket.

Make sure its airflow arrow is pointing in your desired direction.



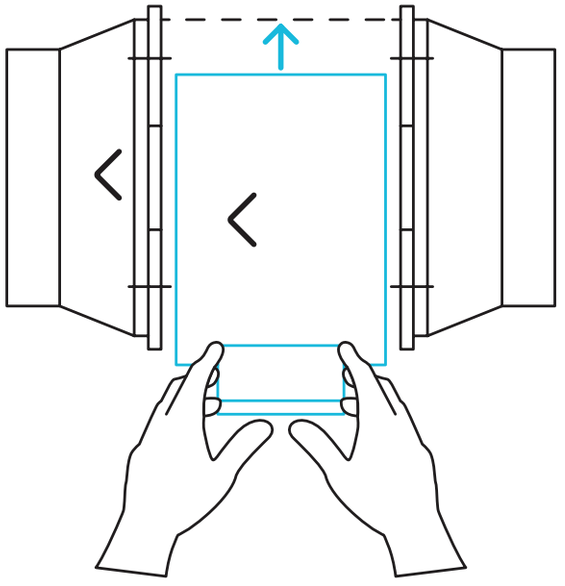
INSTALLATION
MOUNTING

STEP 7
Place the wind circle back into the intake flange and reposition the metal clamps over the flanges if applicable.



STEP 8
Slide the motor box back into the flange bracket, making sure its airflow arrow is pointing in the same direction as the flange bracket's arrow.

Tighten the metal clamps using a Phillips screwdriver and pliers to secure the motor box.

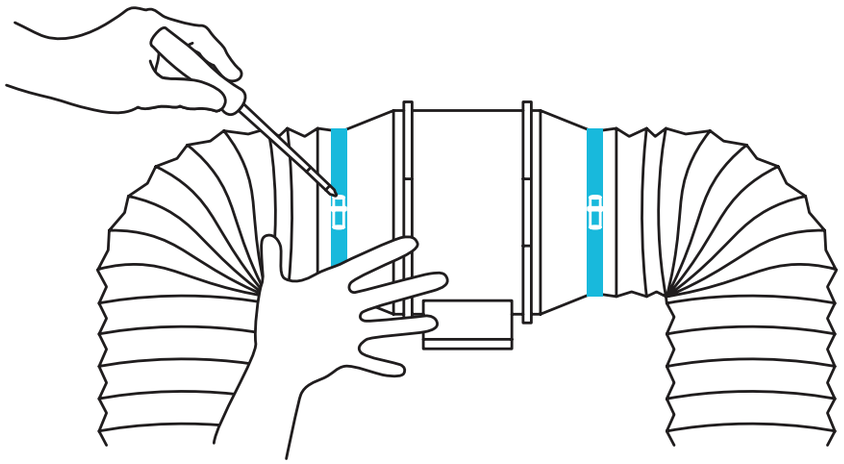


INSTALLATION
MOUNTING

STEP 9

If installing ducting, use the included duct clamps to secure it to either end of the duct fan, making sure there is a tight seal.

Tighten the duct clamps using a flathead screwdriver.

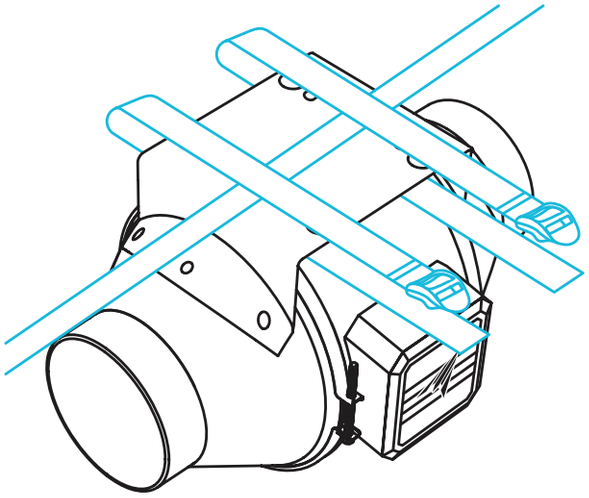


INSTALLATION

HANGING - STRAPS

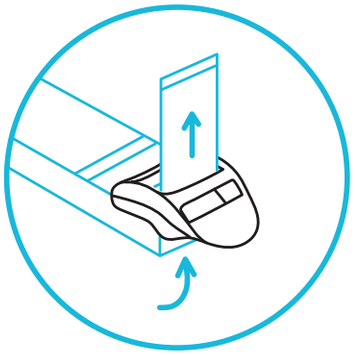
STEP 1

Loop the strap around the bracket and a pole.



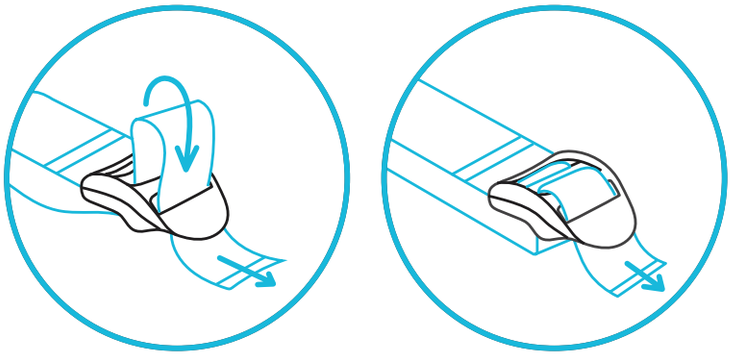
STEP 2

Slip the strap through the inner ladder lock slot from the bottom.



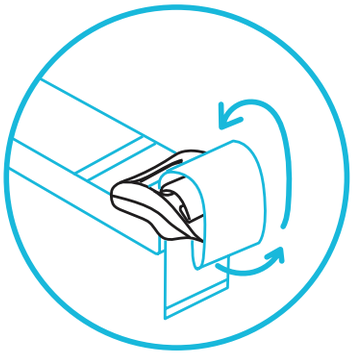
INSTALLATION
HANGING - STRAPS

STEP 3
Route the strap into the outer ladder lock slot from the top. Adjust the length of the completed loop as needed.



Adjust to size

STEP 4
Tuck the loose end through the center gap of the ladder lock to secure the loop.



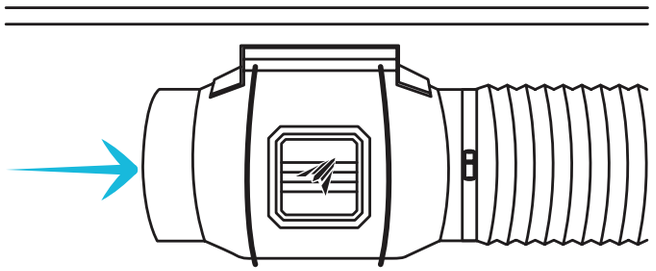
Loop through middle to lock in place

INSTALLATION
HANGING - STRAPS

STEP 5(a) - Hanging Downward

Let the fan hang by the pole once the straps are secure.

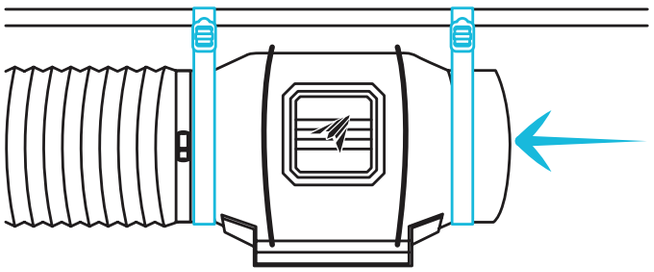
Make sure the fan's airflow arrow is pointing towards your desired direction.



STEP 5(b) - Hanging Upward

To hang the fan right-side up, loop and tighten the straps, as shown in steps 1-4, around the pole.

Hang the fan by the duct flanges to secure it.

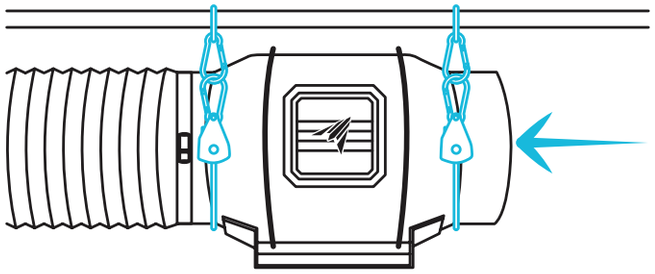


INSTALLATION

HANGING - ROPE CLIPS

HANGING UPWARD

If installing with rope hangers (sold separately), loop the ropes around the flanges and tighten the rope to secure the fan.

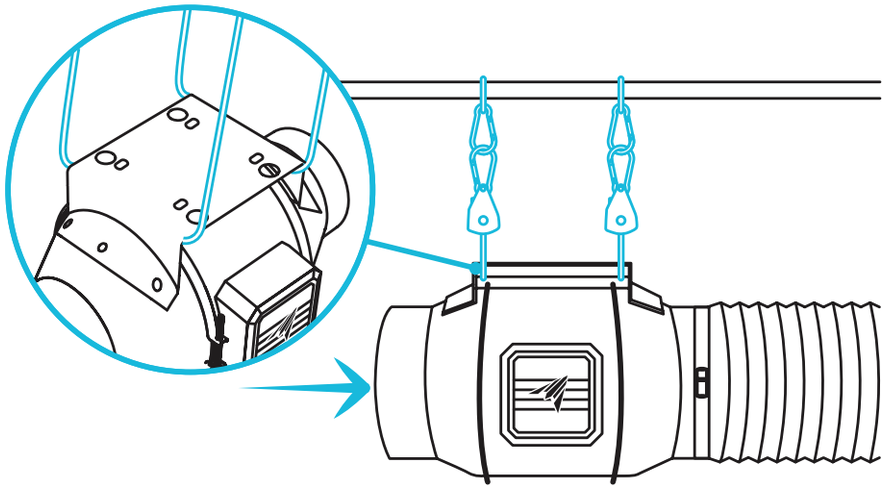


HANGING DOWNWARD

Loop the two rope hangers around a pole and the fan's bracket.

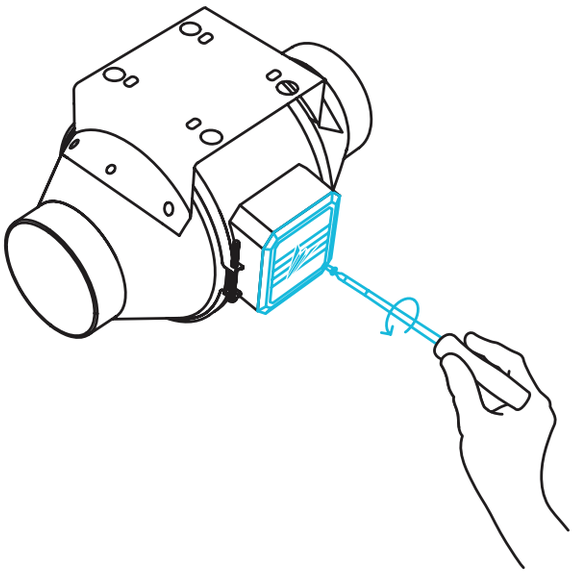
Clip the carabiners onto each other. Shorten the loops as needed.

Make sure the fan's airflow arrow is pointing towards your desired direction.

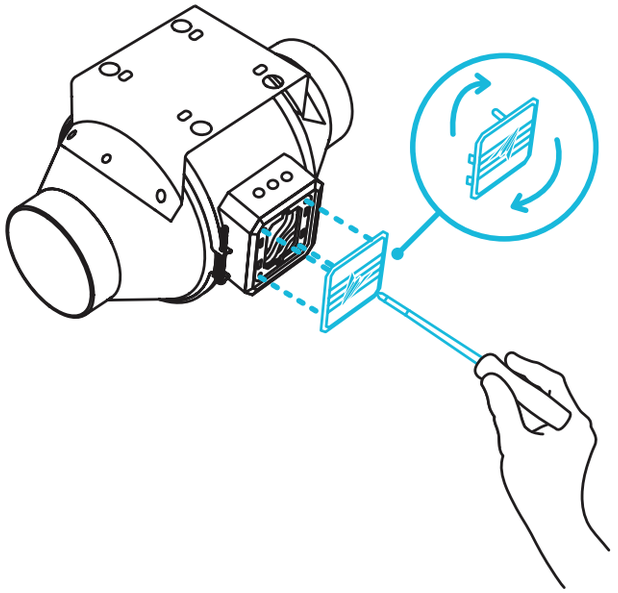


INSTALLATION
MOTOR CAP

STEP 1
Unscrew the motor cap using a screwdriver.



STEP 2
Rotate the motor cap to your desired orientation.
Reapply the screws.



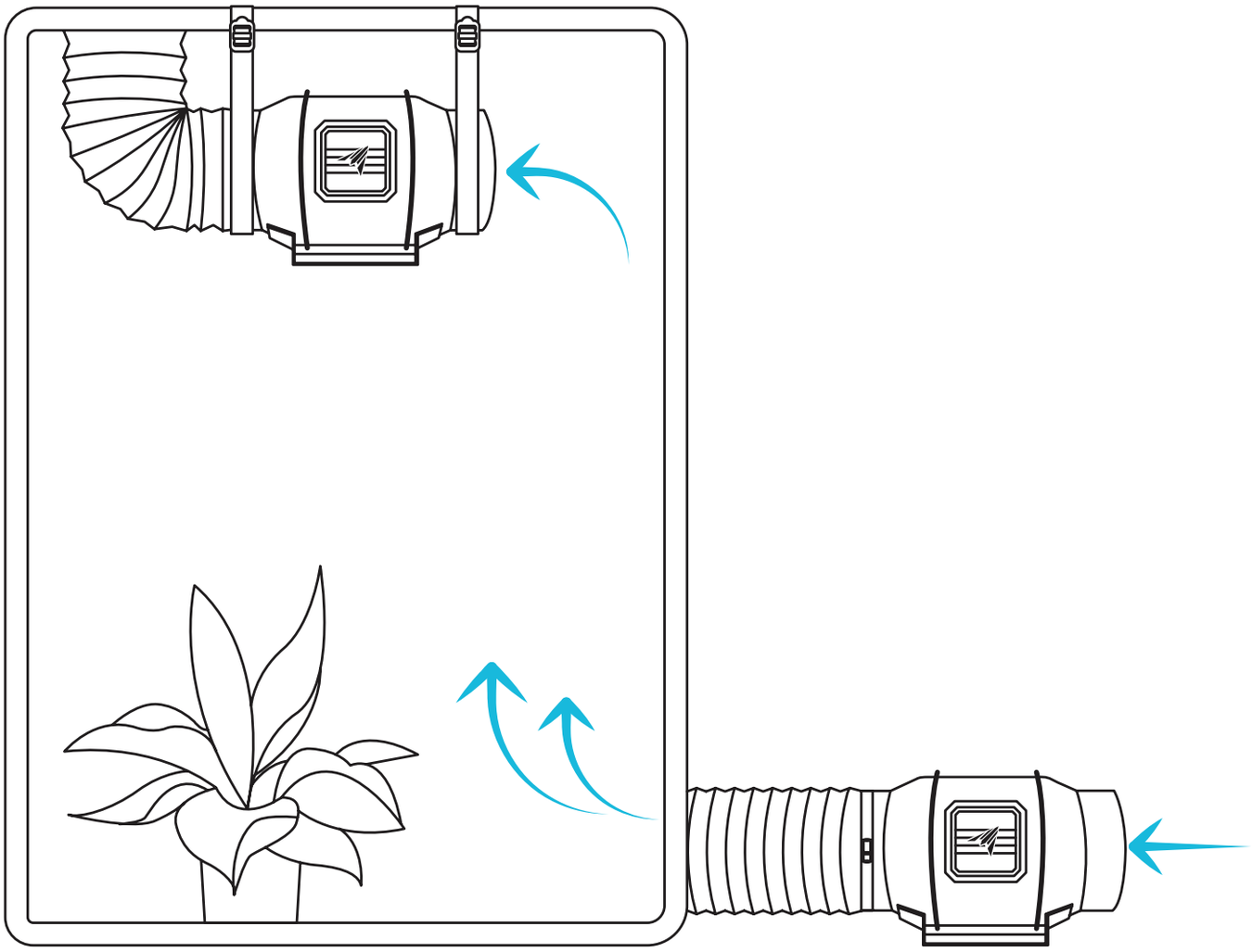
Rotating the motor cap will not void your warranty.

INSTALLATION
CONFIGURATION SETUP

Intake and Exhaust

This fan can be used as either an intake fan or an exhaust fan in grow rooms and larger grow tents. To achieve optimal whole space ventilation, the intake fan or opening - if not using a fan - must be situated at a bottom corner of your grow space. The exhaust fan must be hung (shown below) or mounted at the highest opposite corner possible.

Make sure the intake fan's airflow arrow is pointing towards your grow space and the exhaust fan's arrow pointing away from your grow space.

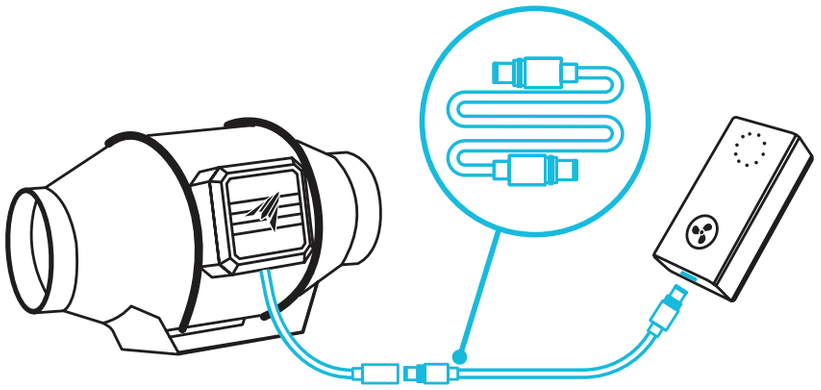


POWERING AND SETUP

S-SERIES

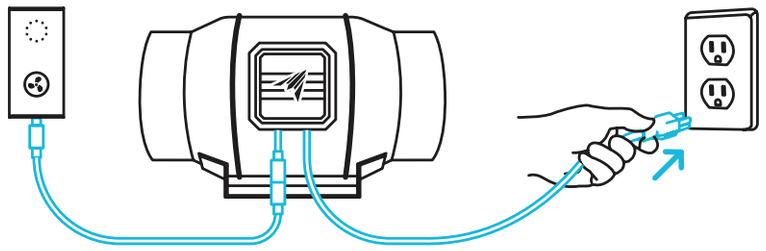
STEP 1

Use the included UIS M-M extension cord to connect the fan to the speed controller’s port at the bottom.



STEP 2

Plug the fan's power cord into a wall outlet. The controller will receive power from the fan to operate (EC Motor fans only).

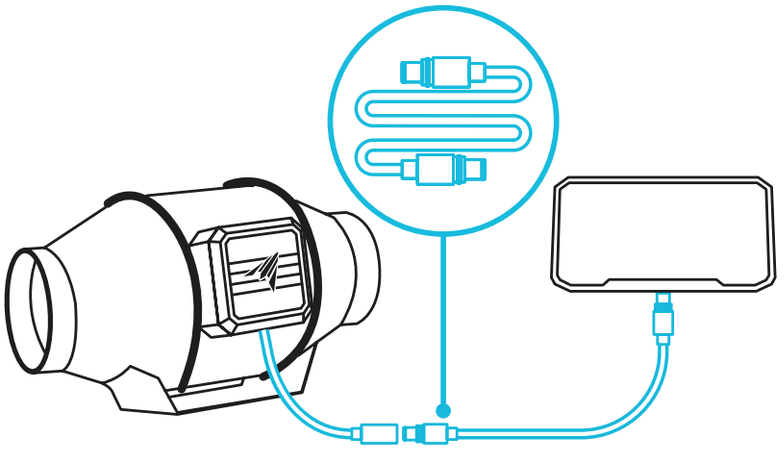


POWERING AND SETUP

T-SERIES

STEP 1

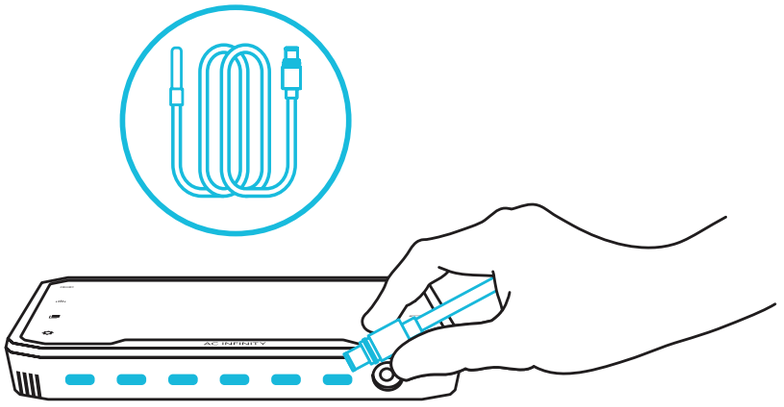
Use the included UIS M-M extension cord to connect the fan to one of the controller's ports.



STEP 2

Plug the sensor probe into any of the controller's UIS ports. Set the probe near your plants in your grow tent for the most accurate reading.

Keep the probe cord away from your HID* grow light ballast's power cord to ensure the controller properly detects climate conditions.



*MH, HPS, CMH, or CHPS

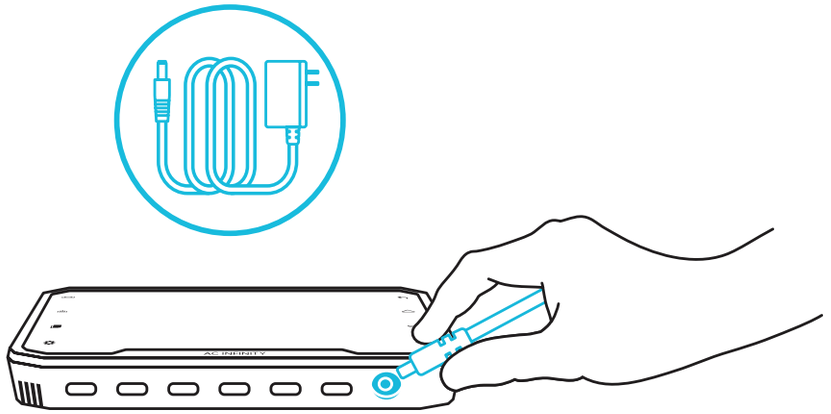
POWERING AND SETUP

T-SERIES

STEP 3

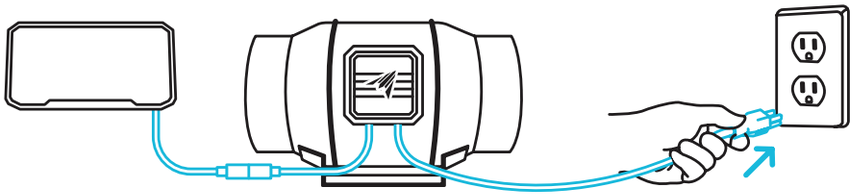
Plug the power adapter into your controller's DC adapter port.

Plug the two-prong connector into an AC power outlet to power the controller.



STEP 4

Plug your device’s power cord into an AC power outlet to power it and the controller.



CONTROLLER MOUNTING

S-SERIES

MAGNET MOUNTING

Mount the controller on a steel surface using the magnet located behind the label.

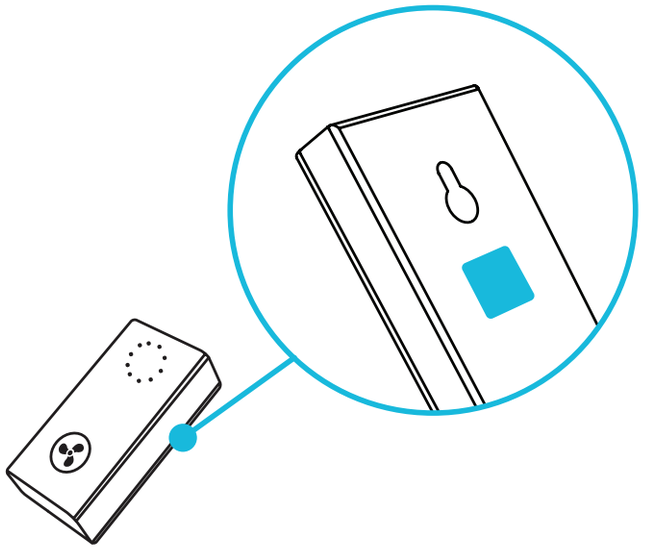
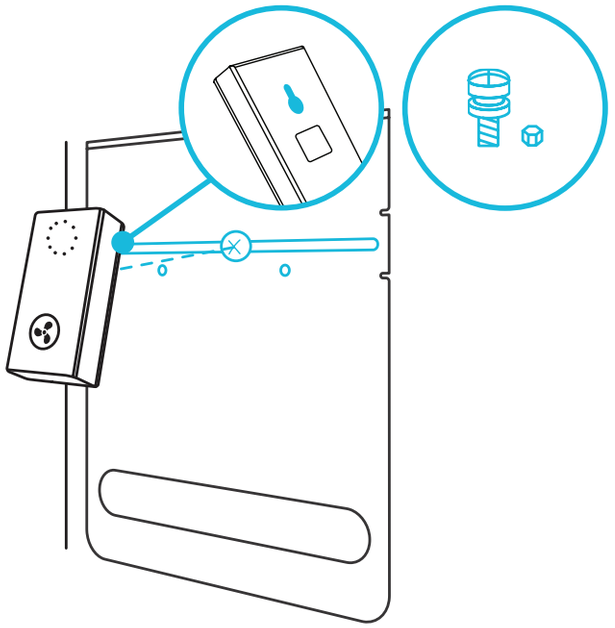


PLATE MOUNTING*

Screw the controller plate bolt into the slot or mounting holes at the upper half of the plate.

Hang the controller by the bolt using the hole on the backside.



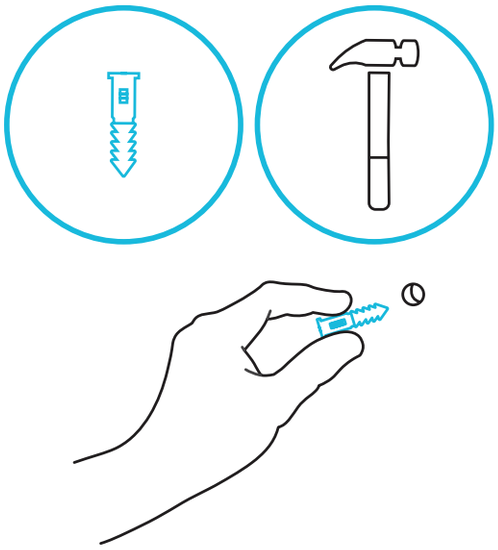
*Controller plate not included

CONTROLLER MOUNTING

S-SERIES

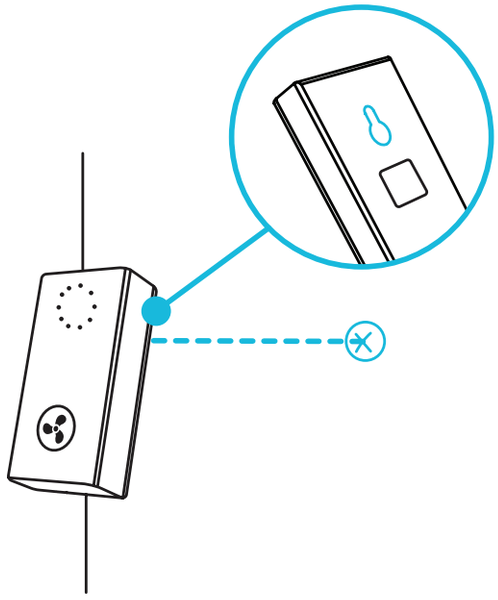
STEP 1 — WALL MOUNTING

Locate a spot free of obstruction and secure the anchor into your wall. Twist the wood screw into the anchor.



STEP 2 — WALL MOUNTING

Hang the controller by the screw using the hole on the backside.



CONTROLLER MOUNTING

T-SERIES

MAGNET MOUNTING

Mount the controller on a steel surface using the magnet located on the backside.

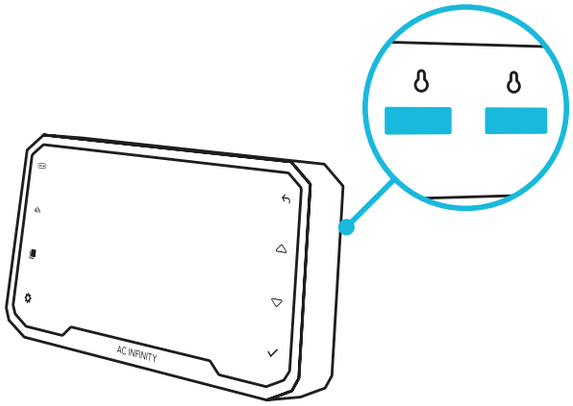
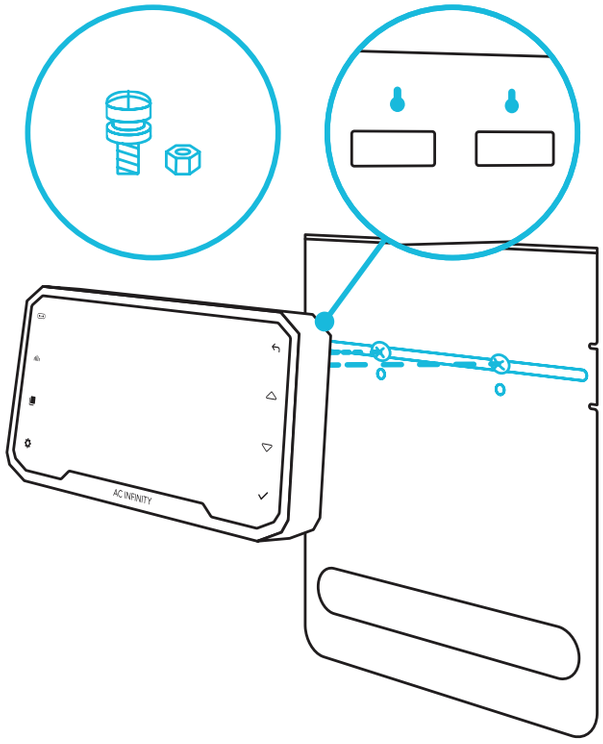


PLATE MOUNTING*

Screw the bolts into the slot or mounting holes at the upper half of the plate.

Hang the controller by the bolts using the holes on the backside.



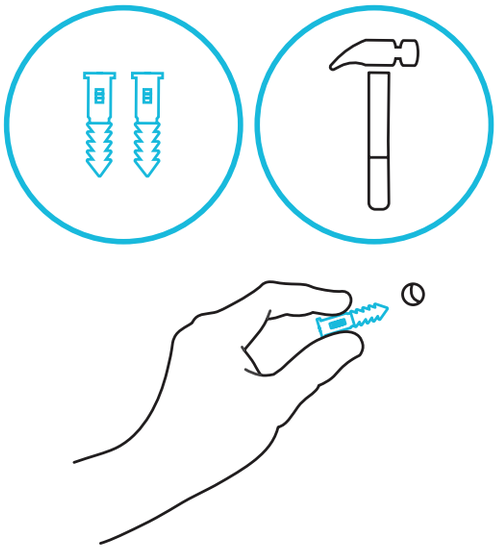
*Controller plate not included

CONTROLLER MOUNTING

T-SERIES

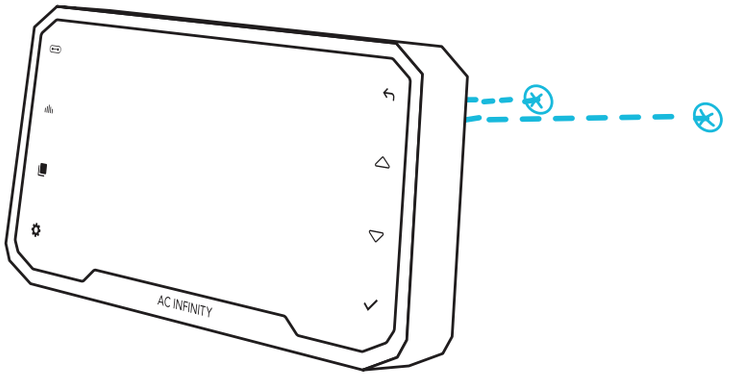
STEP 1 — WALL MOUNTING

Locate a spot free of obstruction and secure the anchors into your wall. Twist the wood screws into the anchors.



STEP 2 — WALL MOUNTING

Hang the controller by the screws using the holes on the backside.

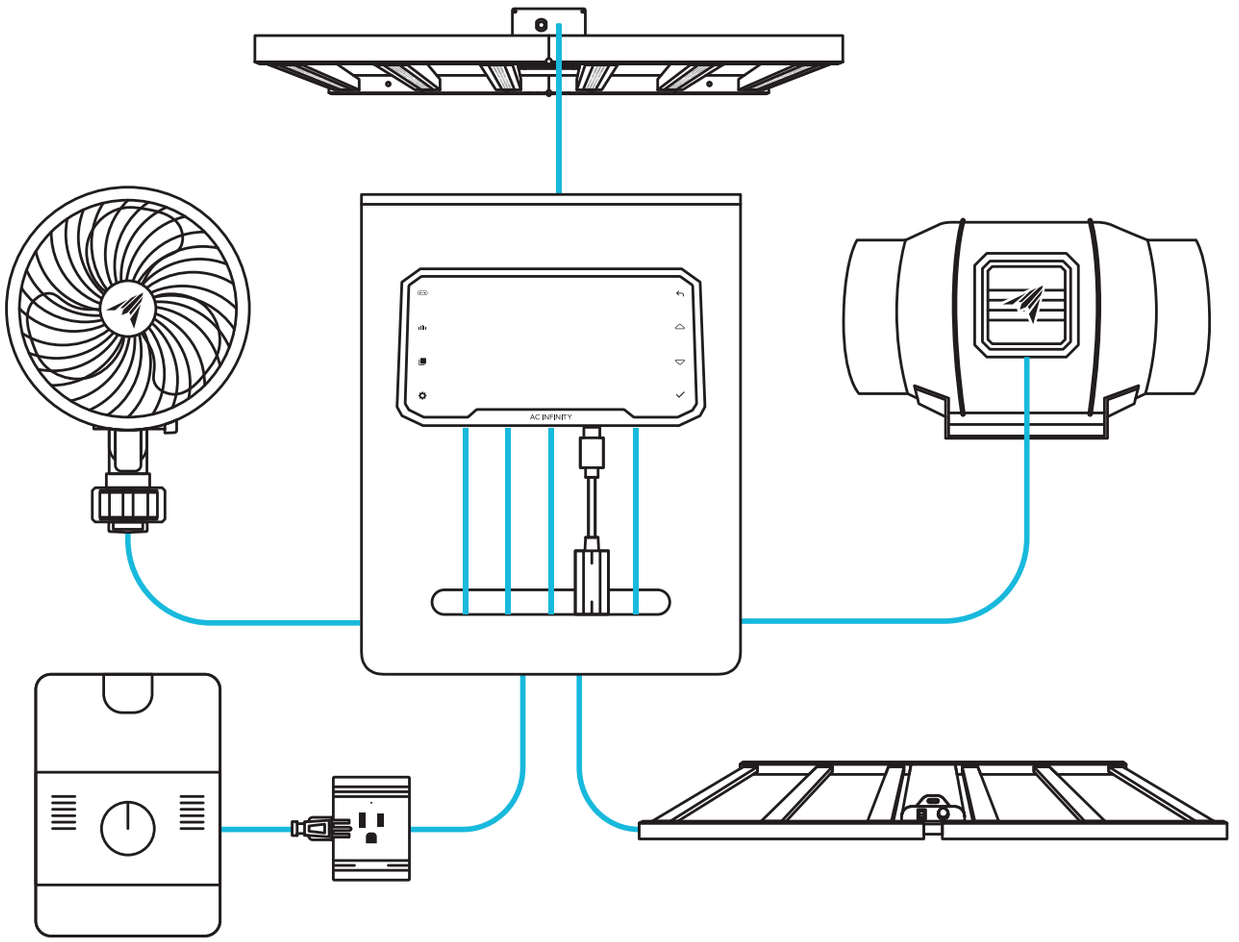


UIS™ PLATFORM

The UIS™ platform enables you to connect a single central controller with several grow devices simultaneously. By creating this fully integrated system, you can power and program all your devices together or separately for optimized grow tent management.

Your grow system can be regulated using your controller hub or remotely on the AC Infinity app (paired with compatible controllers), where you will have access to automation programming and climate data.

You can also connect your favorite grow light and outlet device to integrate them into the UIS platform using our RJ11/12 adapter and control plug module.

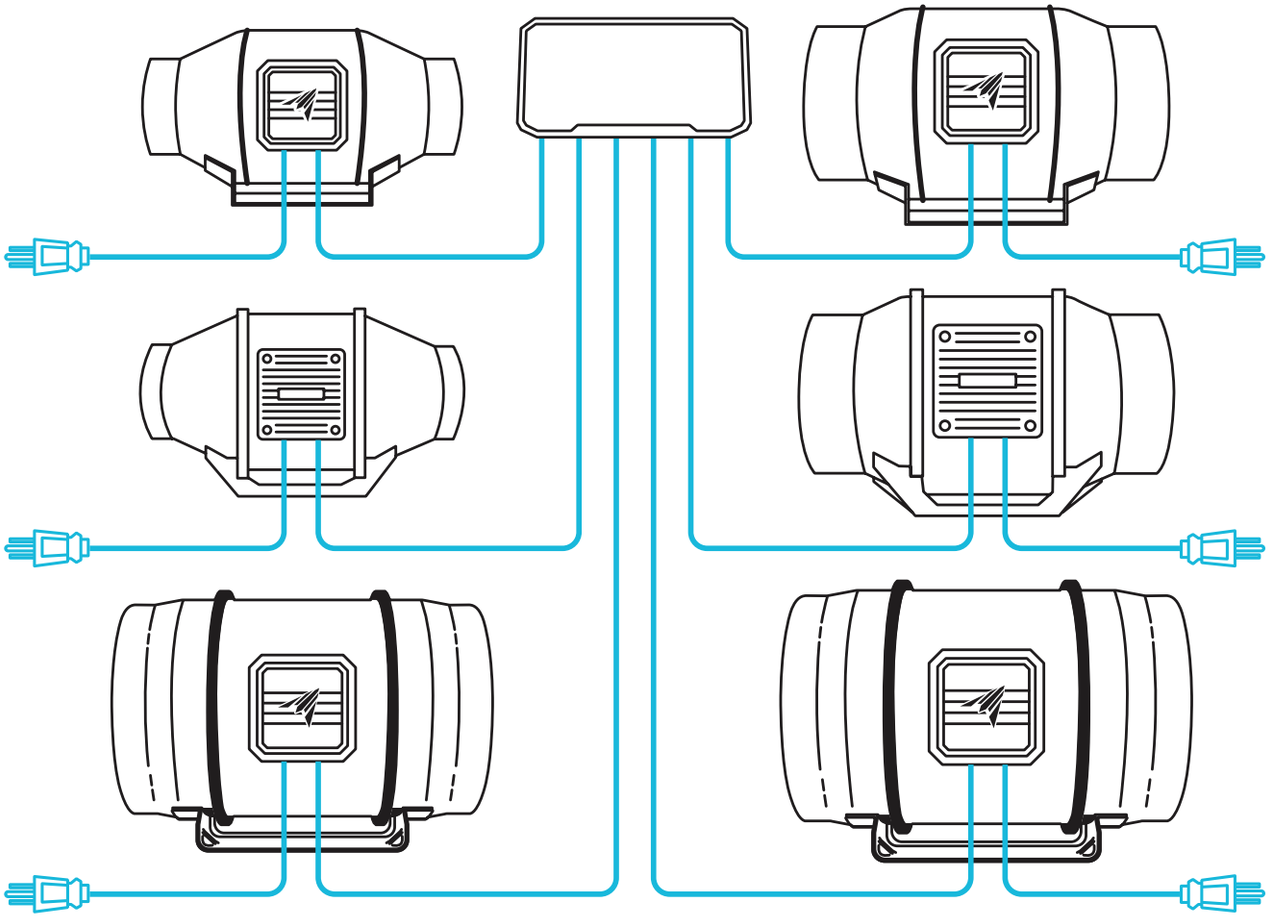


Grow devices will be sold separately and may still be in development at the time of your purchase of this product.

ADDING MORE DEVICES

The Cloudcom 6 is built with six ports that enable you to control multiple fans at the same time. You may connect even more using the Thread Mesh Receiver (sold separately). See image below for a sample configuration.

Multi-Fan Connection



ADDING MORE DEVICES

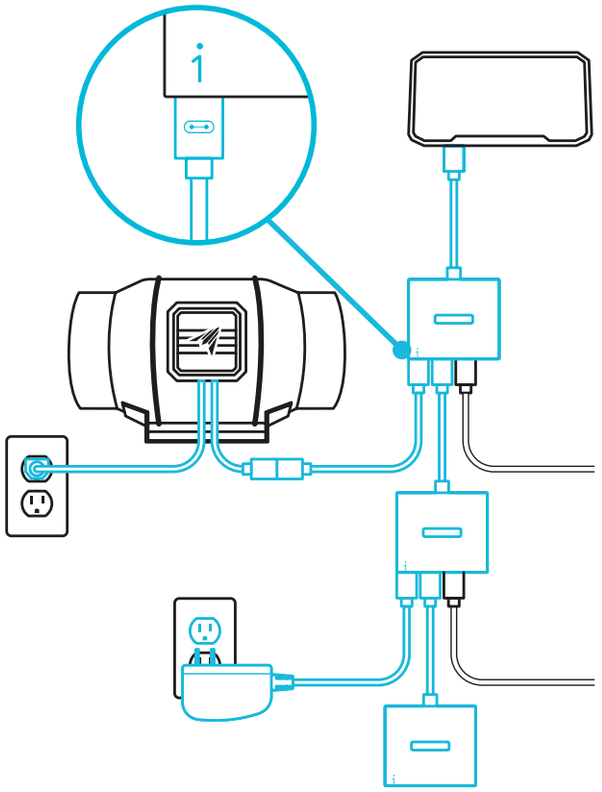
EXTENDING THE CHAIN

Plug the male end of the splitter* into your UIS controller. Connect a UIS device or power adapter to the first port of each tier to power your controller and the hub.

Ports 2-4 can connect to additional splitters or UIS devices. All devices plugged into this chain must be of the same type (ex. fans of any size) regardless of the length of the dongle chain.

This splitter is not compatible with UIS adapters such as the RJ11 Lighting Adapter.

*Not included



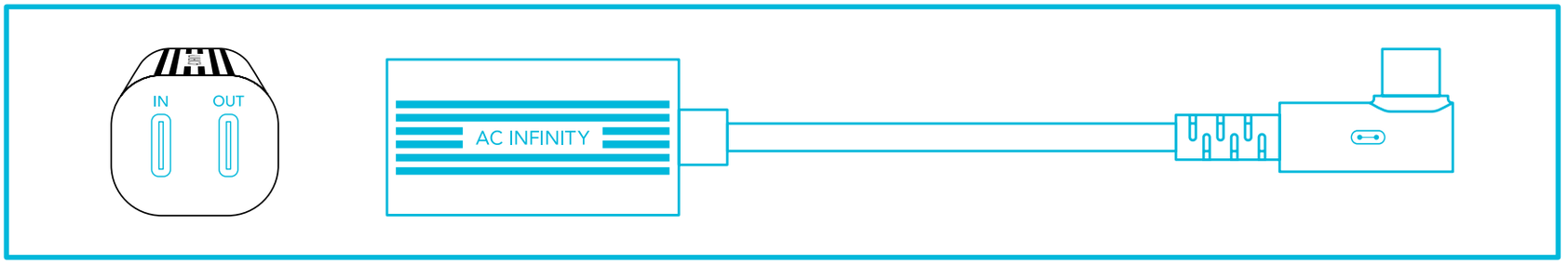
ADDING MORE DEVICES

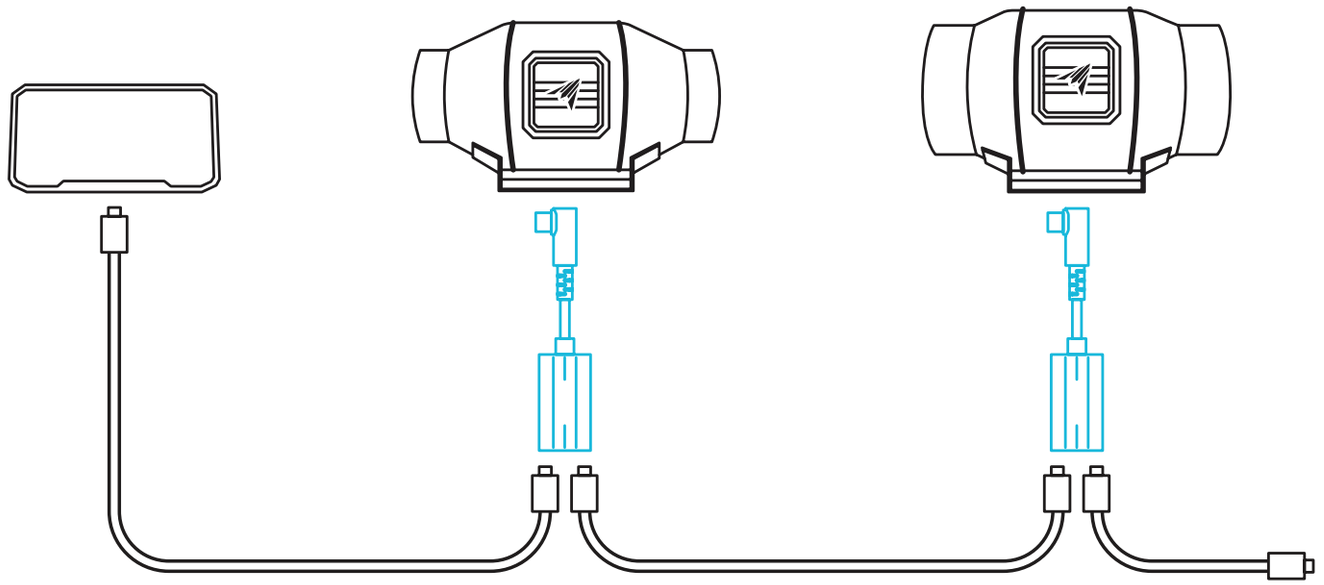
DAISY-CHAINING

Each of the included controller's ports can support up to 20 devices using a daisy-chain adapter (not included). All devices must be from the same series but can be of differing sizes.

Plug the male end of the daisy-chain adapter into your device.

Connect your UIS controller to the daisy-chain adapter's INPUT port using a M-M connector cord. Using an extension cord, attach the daisy-chain adapter's OUTPUT port to another adapter's INPUT port. You can also link the OUTPUT port to another UIS device to end the chain.

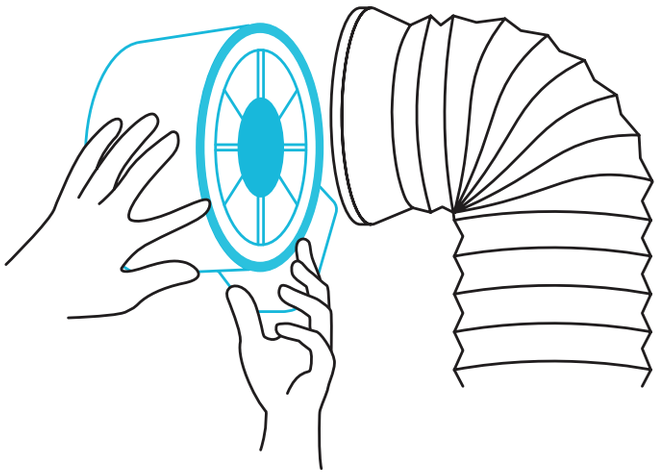




CLEANING

STEP 1

Remove the motor box from the mounting flange. Refer to the Installation section to learn how to remove the motor box.



STEP 2

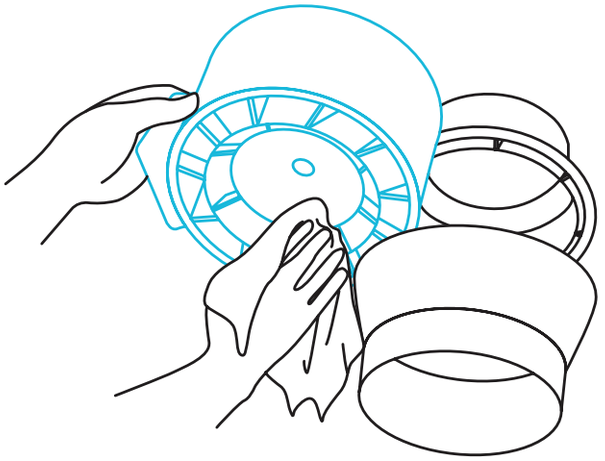
Use a damp cloth to clear the impeller and fan blades of any dust and debris. Remove the wind circle in between the motor box and input flange.



CLEANING

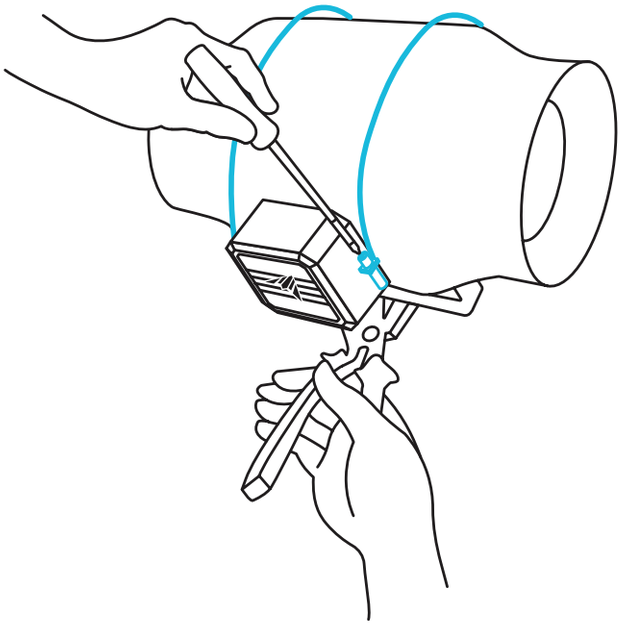
STEP 3

Clear the stator blades of any dust and debris on the opposite end. Clean the area inside the output and exhaust flanges.



STEP 4

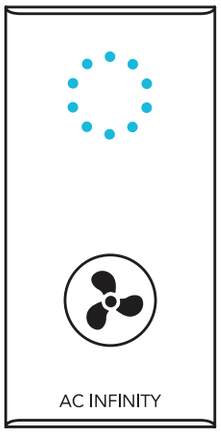
Secure the motor box onto the mounting flanges. Refer to the Installation section to learn how to secure the motor box.

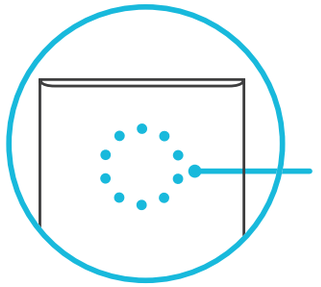


PROGRAMMING
S-SERIES

FAN SPEED ADJUSTING

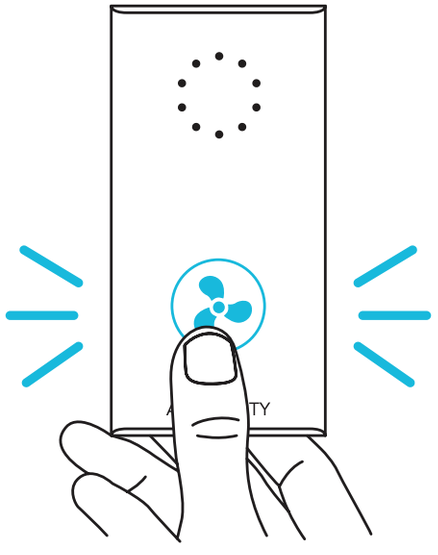
The controller features a single button that controls the fan speed from 0-10. Pressing the speed button increases the fan speed in one unit increments. Pressing the button at the 10 setting will set the fan speed back to 0.



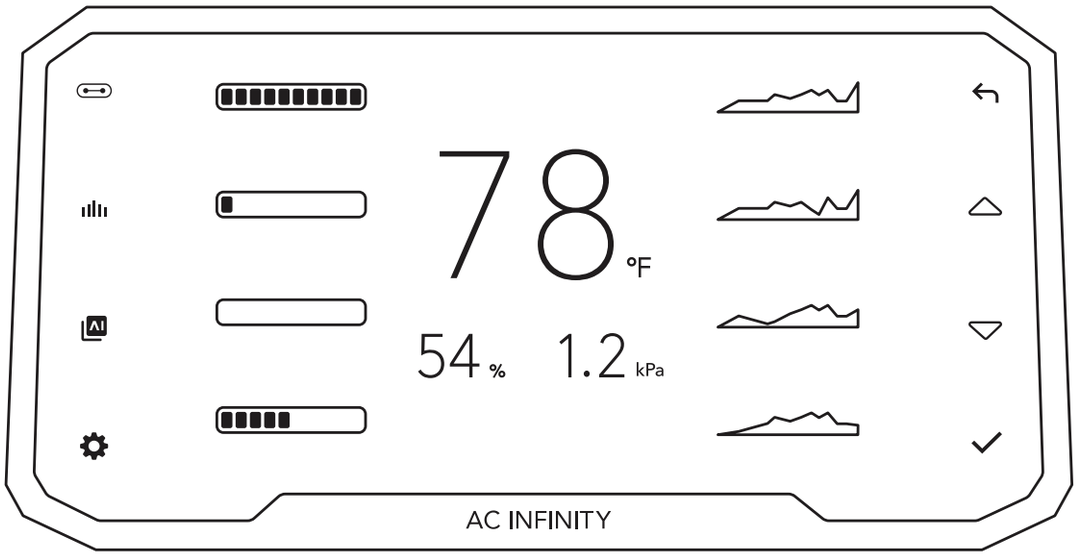


POWERING ON/OFF

Holding the speed button for 4 seconds will turn the fan OFF. Pressing it again from OFF will turn the fan ON at its last speed setting.



PROGRAMMING
T-SERIES



CLOUDCOM 6
For in-depth programming instructions, refer to the included Cloudcom 6 Quick Start Guide. The following resources are also available for further assistance.

WEBPAGE OVERVIEW
Read through this digital instruction guide to easily explore all that your controller has to offer.

USING THE APP

DOWNLOAD THE APP

THE AC INFINITY APP

The AC Infinity app enables you to connect with the next generation of our intelligent controllers, giving you access to advance programs and environmental data*.

1

Download the AC Infinity app from the App Store or Play Store by searching “AC Infinity”.

Download on the App Store

GET IT ON Google Play

2

Open the AC Infinity app and follow the instructions in the next section to pair your controller with the app.



HOW TO USE THE APP

Visit our website at www.acinfinity.com or open your smartphone camera and scan the QR code below for more information on the AC Infinity app.

*Appearance and features subject to change.

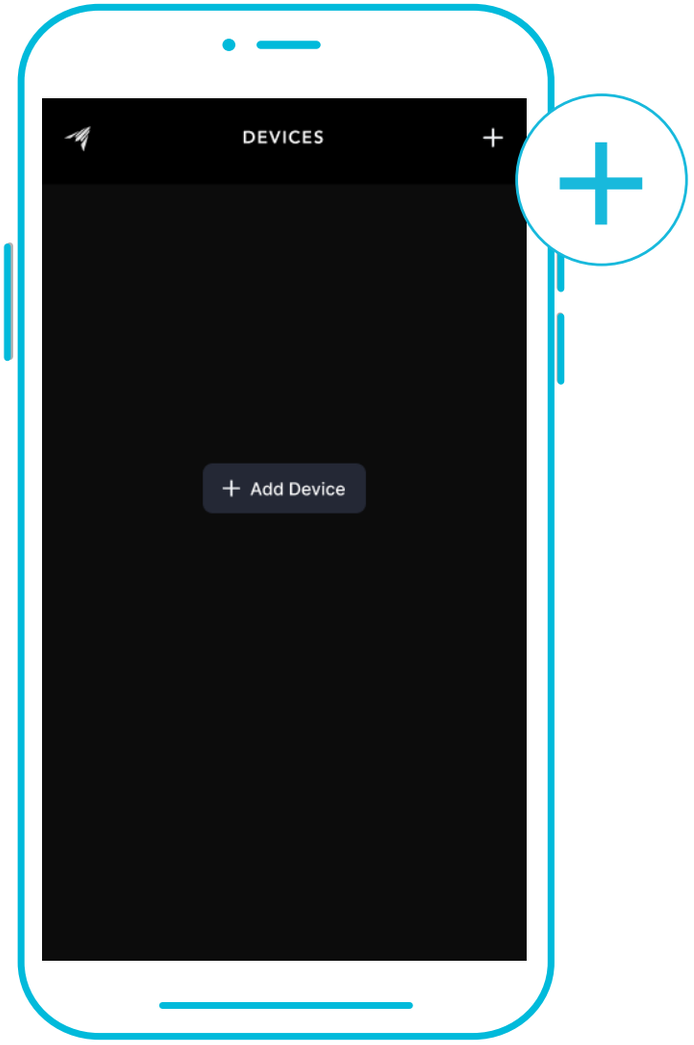
USING THE APP
ADD A DEVICE

SETUP AND PAIRING

Hold the UIS button on your controller for 5 seconds to pair it to the AC Infinity app. If the app does not automatically detect your controller, proceed to the next steps for manual pairing.

1

Tap on the “+” tab to add your smart device.



2

Select Cloudcom 6.



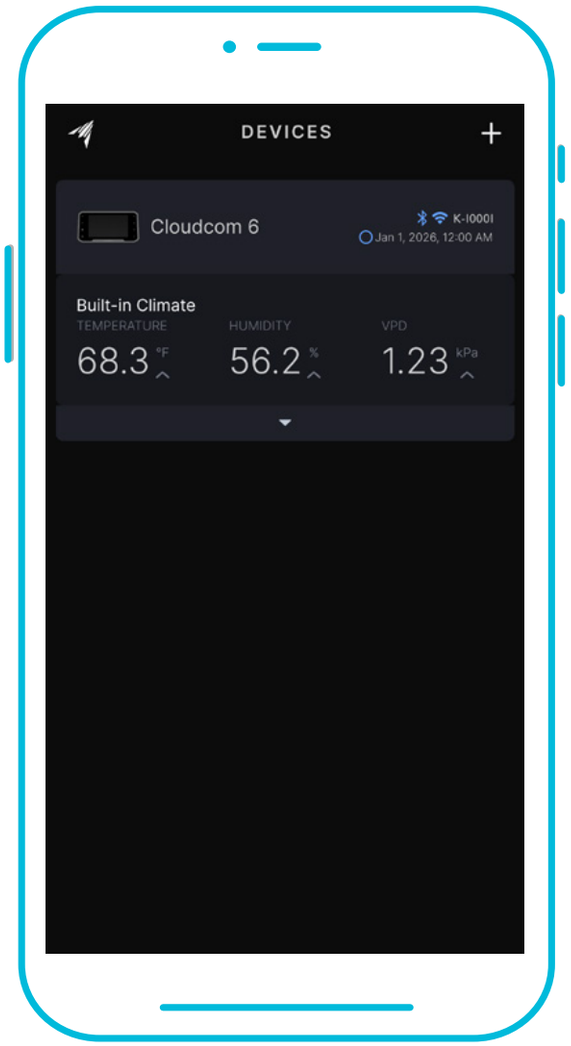
Wi-Fi and location permissions must be enabled on your mobile device before starting the pairing process.

USING THE APP

ADD A DEVICE

3

Your controller will appear with a unique ID.

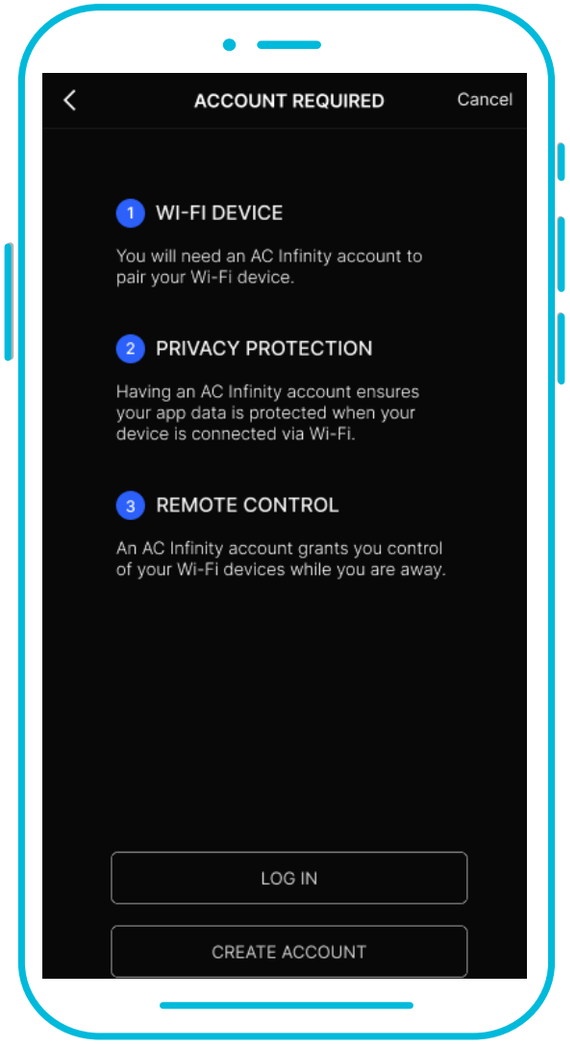


USING THE APP

ADD A DEVICE: WI-FI

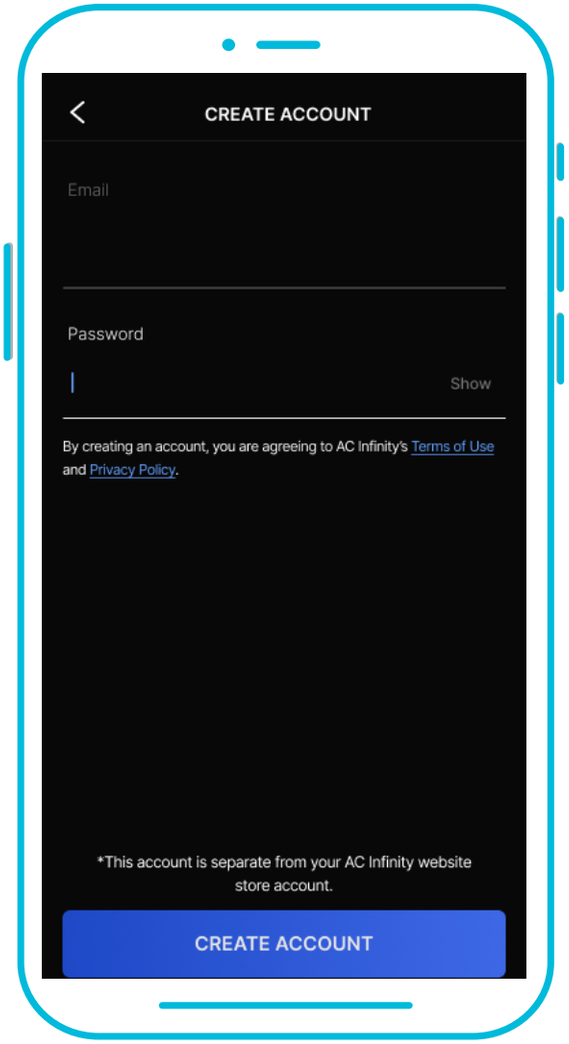
1

Log in or create an account to continue.



2

Enter your Wi-Fi network's password.



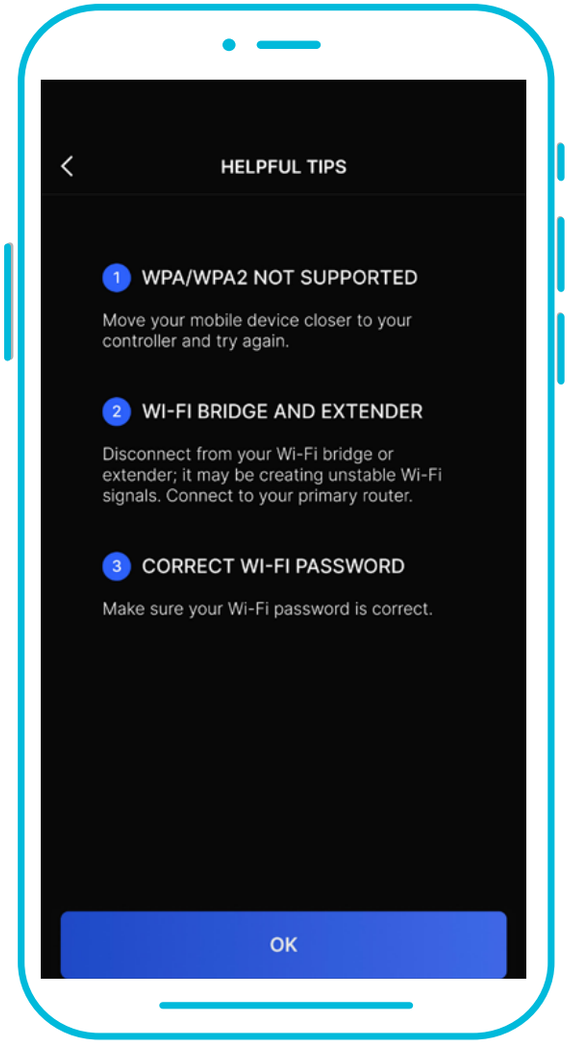
When pairing the app around multiple controllers, move your mobile device closer to your desired controller.

USING THE APP

ADD A DEVICE: WI-FI

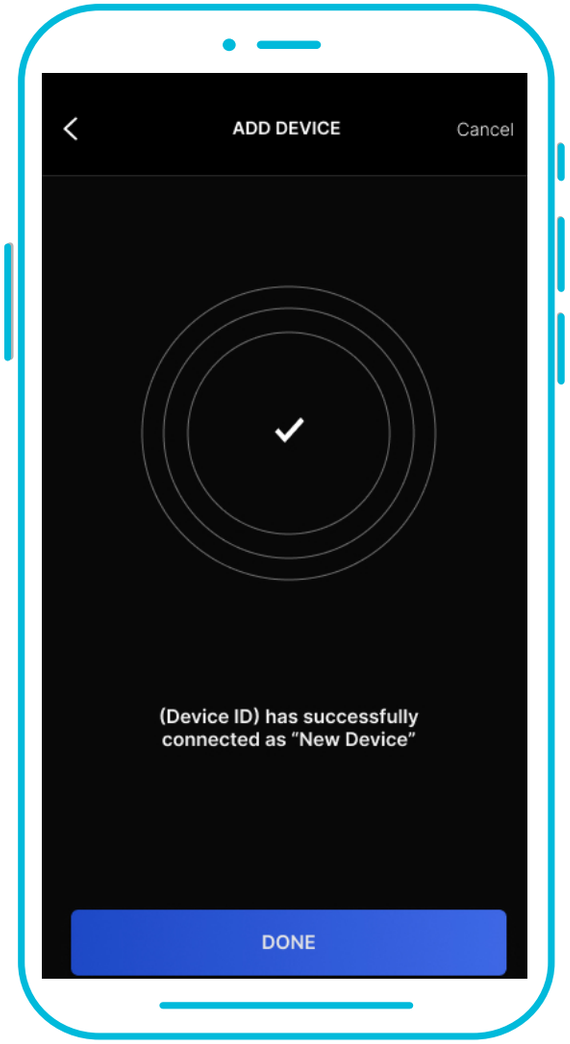
3

Follow these tips if the pairing process is unsuccessful.



4

Tap the DONE button to complete the pairing process.



CLOUDLINE FAQ

Q: Can I mount this inline duct fan vertically?
A: Yes. The CLOUDLINE fan can be mounted in any orientation, including vertically.

Q: Will I be able to hardwire this fan to my own controller or thermostat?
A: We do not recommend hardwiring or splicing our fan's power wires. Such modifications may compromise electrical safety and will void this product's warranty.

Q: Do I need to use a power converter if I'm outside the US?
A: This product's voltage range is 100-240V AC. You may need a simple travel adapter to plug it into a foreign socket, or a power converter if your country uses a different voltage.

Q: I'm not getting enough airflow even after setting the fan speed to 10. What can I do?
A: Bends in ducting will reduce your fan's CFM performance. To retain airflow, you may straighten the ducting and eliminate as many bends as possible.

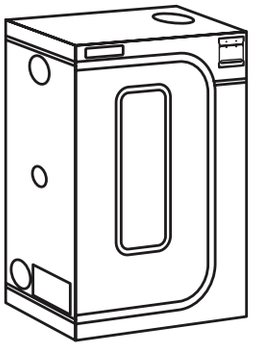
Q: Should I use this inline duct fan as an intake or an exhaust fan?
A: The CLOUDLINE fan is primarily used as an exhaust fan, but can be used as an intake fan as well. You may use this fan as an intake fan if you need fresh air into your space.

Q: I'm hanging my fan upside down in my grow tent, can I rotate its motor box plate?
A: Yes. Use a screwdriver to unscrew the motor cap. Rotate it to your desired orientation and reapply the screws.

AC INFINITY PRODUCTS

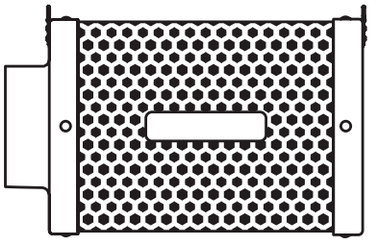
Advance Grow Tents

The CLOUDLAB series is a line of grow tents designed to create ideal growing conditions and facilitate indoor plant cultivation year-round. Features 2000D thick oxford canvas lined with inner diamond patterned mylar that maximizes grow light luminosity, and a reinforced frame with 150 lb. weight capacity. Includes a mounting plate to install your AC Infinity controller onto.



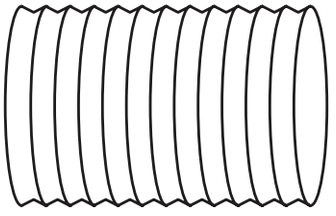
Carbon Filters

The duct carbon filter is designed to eliminate odors and chemicals for grow tents and hydroponic spaces. It utilizes premium grade Australian charcoal that features greater absorption power and a longer lifespan. Enables maximum airflow pass through as part of an intake or an exhaust system.



Ducting Tubes

The four-layer ducting tube is used to direct airflow, designed for ventilation systems in applications like HVAC, dryers, and grow rooms. It is highly durable and flexible, and can be used anywhere from tight spaces to wide open areas.



Discover the latest innovations in environmental controls at acinfinity.com

WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. Commercial grow lights sold by AC Infinity receive a five year warranty period. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase (five years from the date of purchase of commercial grow lights). If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **(626) 923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.



If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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