

AC INFINITY

CLOUDRAY

CIRCULATION FAN SYSTEM

USER MANUAL

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 CC2111X1

PRODUCT

CLOUDRAY A6
CLOUDRAY S6
CLOUDRAY T6
CLOUDRAY A9
CLOUDRAY S9
CLOUDRAY T9

MODEL

AC-CCA6
AC-CCS6
AC-CCT6
AC-CCA9
AC-CCS9
AC-CCT9

UPC-A

819137022416
819137022423
819137022447
819137022454
819137022461
819137022478

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PRODUCT WARNING



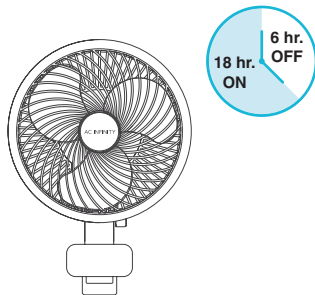
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS,
OBSERVE THE FOLLOWING:

1. Ensure your power source conforms to the electrical requirements of this product.
2. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.
3. Read all instructions before installing and using this product.
4. 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.
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.
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.
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.
11. Do not operate this product while its cord is damaged, or if it malfunctions, has been dropped, or is damaged in any manner.

RECOMMENDED USAGE

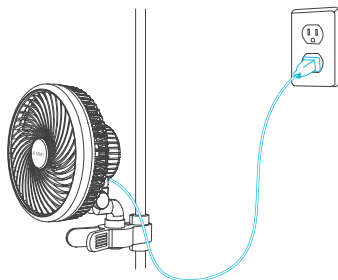
MAXIMIZING LIFESPAN

To maximize the fan's lifespan, we do not recommend having it oscillate nonstop for more than 18 hours per day. This will preserve the motor by passively keeping it cool to prevent it from wearing down.



REDUCING CORD TENSION

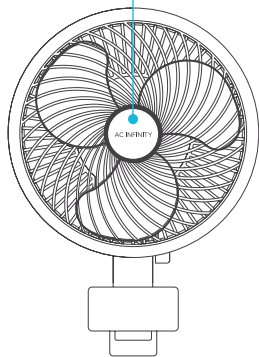
Please make sure to provide enough slack for the power cord and the extension cord. The fan should be able to oscillate freely without having to tug on its cords.



KEY FEATURES

EC MOTOR

Next generation motor runs quieter, is more energy efficient, and has a longer lifespan than AC motors.

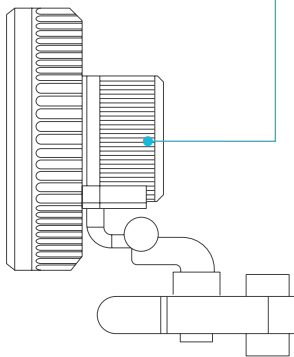


PWM SPEED CONTROL

Digitally controlled to enable low speeds for gentler airflow while expanding maximum level range to ten fan speeds.

COMPACT BASE

Shallower motor base allows for closer mounting to poles to maximize amount of grow space.



IP-44 PROTECTION

The clip fan is sealed to Ingress Protection 44 standards, rated with high resistance to liquids and dust.

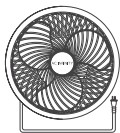
DUAL BALL BEARINGS

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

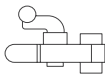
UIS™ COMPATIBLE

Connects with UIS controllers for temperature, humidity, timer, cycle, and schedule programming.

PRODUCT CONTENTS



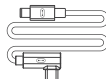
CIRCULATION
FAN
(x1)



GRIP
CLIP
(x1)



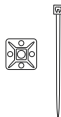
ADAPTER
DONGLE
(x1)



EXTENSION
CORD
(x1)



CABLE
TIE
(x4)



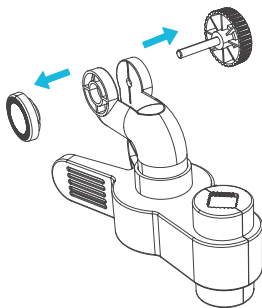
CABLE
MOUNT
(x1)

INSTALLATION

STEP 1

Twist to remove the bigger knob piece from the grip clip.

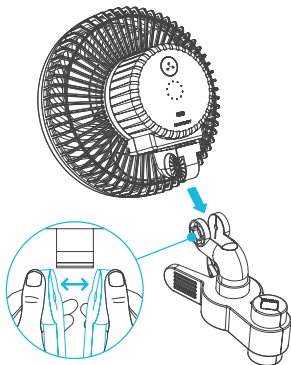
Pull the smaller button piece from the vice grip.



STEP 2

Slide the grip clip into the swivel.

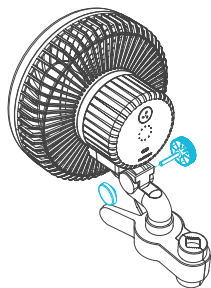
You may need to pull its clamps apart for it to fit over the swivel. This tightness ensures the fan will not tilt downwards on its own.



INSTALLATION

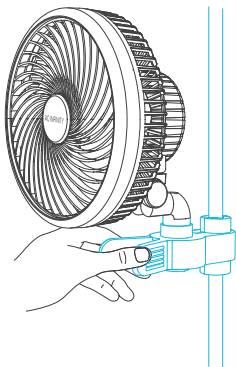
STEP 3

Replace the knob and button on either side of the mounting point as desired.



STEP 4

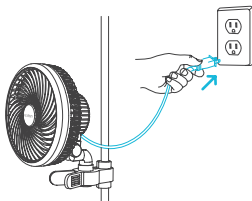
Clamp the fan onto a pole or post.



POWERING AND SETUP

STEP 1

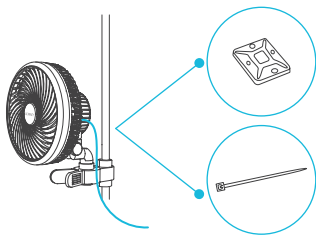
Plug the fan's power cord into an AC power outlet to power the fan.



STEP 2

You may cable manage the cords using the included cable ties or cable mounting set.

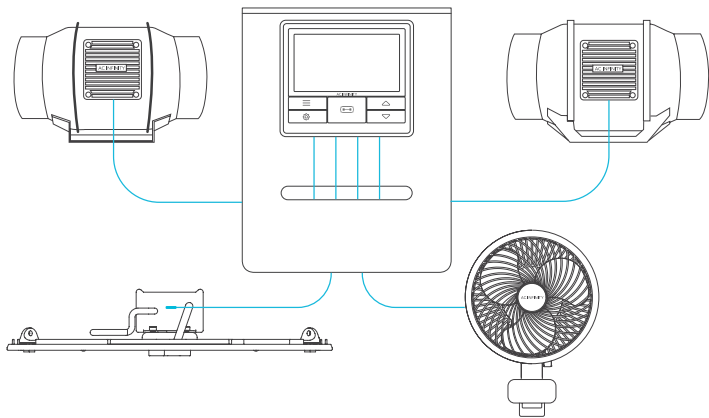
Adhere the tie mount onto a clean surface. Loop the zip tie into the mount and around the cables.



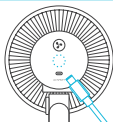
UNIVERSAL INFINITY SYSTEM

AN INTERCONNECTED GROW SETUP

The Universal Infinity System™ is a series of controllers and devices that come together to create a fully automated system. UIS enables our controllers to simultaneously connect with various grow equipment such as inline fans, clip-on fans, and grow lights. Advance UIS controllers can provide each connected UIS device with their own automated programming like temperature, humidity, cycles, schedules, and dynamic levels, while also pairing with the AC Infinity app.



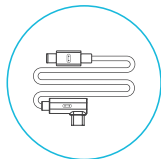
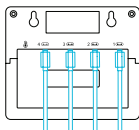
CONNECTING TO CONTROLLERS



The CLOUDRAY circulation fan can connect with select smart controllers as part of an integrated system using the included UIS cable. [Please see below for limitations.](#)

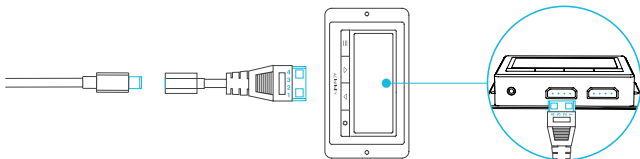
UIS CONNECTORS

To connect to the latest gen controllers such as CONTROLLER 69, please use the included UIS extension cord to directly connect the CLOUDRAY fan's UIS port to the controller's UIS port.



MOLEX CONNECTORS

To connect to previous gen controllers such as T-Series controller (UNC529) or CONTROLLER 67, please use the included adapter dangle to convert the controller's molex connector to a UIS connector. Then use the included UIS extension cord to connect that to the CLOUDRAY fan's UIS port.



Model shown: CONTROLLER 67

PROGRAMMING

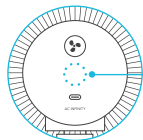
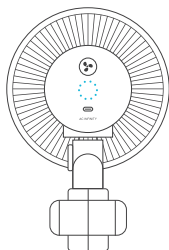
A-SERIES

FAN SPEED ADJUSTING

The clip fan features a single button that cycles through the fan speed from 0-10, indicated by the ring of LED lights below.

Press the speed button to increase the fan speed level by one.

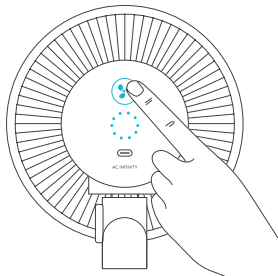
Pressing the button past speed 10 will cycle the fan speed back to 0.



Fan Speed Indicator

POWERING ON/OFF

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



PROGRAMMING

S-SERIES

OSCILLATION

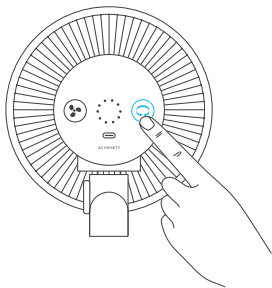
In addition to the standard features, S-Series models can oscillate to provide airflow at a wider angle.

Press the swivel button to activate the clip fan's oscillation.

The oscillation function is manually activated using the button as indicated here and cannot be controlled using external UIS programming.

If set to off, the clip fan will not oscillate regardless of any external programs.

If set to on, oscillation will automatically start if the external program activates the clip fan to turn ON. Oscillation will then automatically stop if the external program deactivates the clip fan to turn OFF.

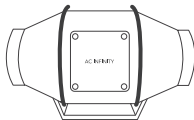


Leaving the oscillation activated for more than 24 hours at a time may reduce the lifespan of the clip fan.

AC INFINITY PRODUCTS

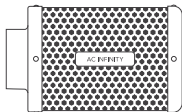
Inline Duct Fans

The CLOUDLINE series is a line of duct fans designed to quietly ventilate AV rooms and closets, as well as various DIY air circulation and exhaust projects. Features a thermal controller with intelligent programming that will automatically adjust duct fan speeds in response to changing temperatures.



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.



Grow Lights

An indoor LED grow lamp designed to simulate outdoor daytime lighting to improve and accelerate your plant's photosynthesis. Using the latest Samsung LM301H diodes, this LED grow system efficiently produces full-spectrum lighting usable during all stages of the grow cycle.



[Discover the latest innovations in cooling and ventilation at acinfinity.com](http://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. 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 expressly 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. 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.

To initiate a product warranty claim, please contact our customer service team at support@acinfinity.com



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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