

Safety Warnings



CAUTION: RISK OF ELECTRIC SHOCK, DO NOT TAMPER, NO SERVICEABLE PARTS INSIDE. IMPORTANT SAFETY INSTRUCTIONS, READ ALL INSTRUCTIONS BEFORE INSTALLING AND USING THIS PRODUCT. KEEP IT FOR FUTURE REFERENCE.

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, injury to persons, and hyperthermia, including the following:

1. This AC is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this AC. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the AC and keep them away from the sides and rear.
2. Extreme caution is necessary when any AC is used and whenever the AC is left operating and unattended. This AC is not intended for persons (including children) with reduced physical, sensory, or mental capabilities, or a lack of experience with and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
3. Always unplug AC when not in use. (This item may be omitted if the AC is provided with a clock-operated switch).
4. Do not operate any AC with a damaged cord or plug or after the AC malfunctions, has been dropped or damaged in any manner. Discard AC or return to authorized service facility for examination and/or repair.
5. Do not use outdoors.
6. This AC is not intended for use in bathrooms, laundry areas, and similar indoor locations. Never place AC where it may fall into a bathtub or other water containers.
7. Do not run cords under carpeting. Do not cover cords with throw rugs, runners, or similar coverings. Do not route cords under furniture or appliances. Arrange cords where it will not be tripped over and away from traffic areas.
8. To disconnect AC, turn controls to OFF, then remove plug from outlet.
9. Do not insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause an electric shock or fire or damage the AC.
10. To prevent a possible fire, do not block air intakes or exhausts in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.

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Safety Warnings

11. An AC has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
12. Use this AC only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
13. Always plug ACs directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

14. Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the AC and seek medical attention.
15. To avoid excessive room temperatures which can cause hyperthermia, DO NOT leave product running unattended in a confined space around infants or individuals with reduced physical, sensory, or mental capabilities.

16. Make sure that no pieces of polystyrene or other packaging material have been left between elements of this product. It may be necessary to pass over this product with a vacuum cleaner. Dispose of all packaging and product materials in an environmentally responsible manner.

17. Choking Hazard - this product may contain small parts. Keep away from children. If small parts are swallowed, seek medical attention at once.

18. Prior to cleaning, storage, or any time when this product is not in use, turn off the power and unplug the cord to allow it to cool. Clean this product regularly, only as instructed in this manual. Do not use gasoline, thinners, solvents, ammonias, or other chemicals for cleaning.

19. To avoid water leakage, empty the condensation tray before moving the product. Refer to the Condensate Drain section for instructions.

20. Do not tilt, incline, or lay this product on its side or back.

21. The applicable operating temperature ranges for this product are 64-95°F (COOL mode) and 50-74°F (HEAT mode).

22. Do not operate with a solid-state speed device, such as a dimmer control switch. Use of this product on the same electrical circuit as another high-energy use product, such as vacuums, blenders, variable speed fans, or circulators is not advised.

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Safety Warnings

23. Do not operate this product if it does not produce a steady stream of cold air from the vent after 5 minutes of continuous operation.
24. 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).
25. This product complies with the essential requirements of Directive 2014/30/EU (EMC) and Directive 2014/53/EU (Low Voltage).
26. After switching off, wait until all heating elements and moving parts (if any) have come to a complete stop before servicing or cleaning.

REFRIGERANT (R32)

Read all instructions before installing and using this product. Be aware that refrigerants may not contain an odor. All safety precautions must be followed. When defrosting and cleaning this product, only use this product as described in this manual.

FLAMMABLE REFRIGERANT USED, TO REDUCE THE RISK OF FIRE, EXPLOSION, OR INJURY TO PERSONS, OBSERVE THE PREVIOUS WARNINGS IN ADDITION TO THE FOLLOWING:

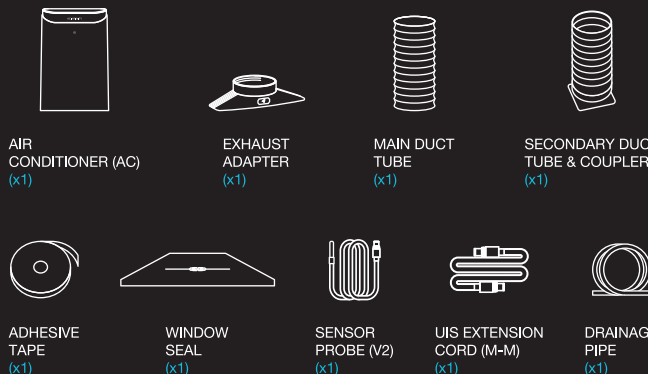
1. This product and any ducting connected to it must be stored and used in a well-ventilated area.
2. Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by an accredited organization that ensures competence in handling refrigerants according to a specific evaluation recognized by associations in the industry.
3. Do not puncture refrigerant tubing.
4. Dispose of product properly in accordance with federal or local regulations. Handle carefully in compliance with national regulations.

DO NOT attempt to repair this product yourself! All service and/or repairs must be done by an authorized technician and/or electrician. Contact our customer service department at support@acinfinitly.com or (626) 923-6399 for product and warranty assistance.

Manufacturer: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789 USA
EU Representative: THIEMIS AIR Unterstützung UG (haftungsbeschränkt), Beedstrasse 54, 40468 Düsseldorf, Germany, legal@thiemis.com
EU Conformity: CE / RoHS / WEEE / LVD

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Product Contents



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Installation

Ducting Setup

Step 1

Assemble the exhaust adapter onto your AC. Align the notches into the slots at the bottom of the vent, press the rocket button, and push the adapter in until it clicks into place.

If you need to remove the duct adapter, press the rocket button to release it from your AC.

Step 2

Twist the main duct tube into the duct adapter.

Ductwork Insulation

Condensation can form on the ducting if it is used over an extended period in humid environments.

You may apply ductwork insulation to minimize the amount of condensation forming.

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Installation

Ducting Setup

Ducting Configurations

Use the following diagram to help you route your ducting and airflow to your desired configuration.

- A. Main Exhaust Vent
B. Secondary Exhaust Vent

Standard

For COOL, HEAT, COOL/HEAT, and FAN modes, direct the main exhaust duct into your tent.

This creates a positive-pressure setup that prevents outside particles from entering your grow tent but will allow the air inside to escape. This is useful when you want full control over the air entering your grow tent.

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Installation

Ducting Setup

DRY Mode

For DRY mode, place the unit inside your grow tent.

Full-Space Dehumidification (Neutral Pressure)

Maintenance

Unplug your AC and allow it to cool before cleaning. Remove the filters and clean them with a vacuum. If the filters are exceedingly dusty, you may immerse them in warm water (no hotter than 104°F) away from your AC.

After washing, leave the filters out to dry before placing them back into your AC.

NEVER clean your AC with water, alcohol, or similar sprays or solvents.

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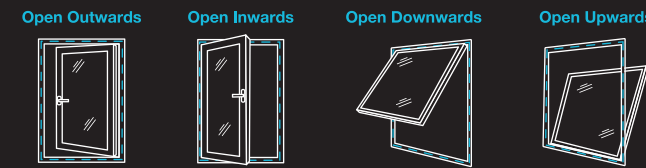
Installation

Window Duct Kit

Before Installation

The window seal fits pull-in and push-out windows. Measure your window frame before installation. The total length of your window frame MUST be less than or equal to 400 cm (157 in.).

Wipe the window clean for better adhesion.



Step 1

Cut a strip of adhesive tape for each side of your window frame and encasement.

Apply the strips to the window edge and frame. Repeat for all sides.

Ensure all corners are fully covered with no gaps.

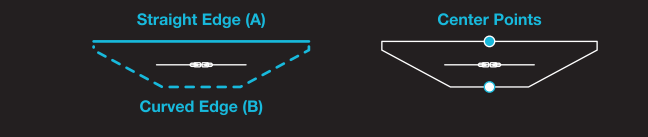
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Installation

Window Duct Kit

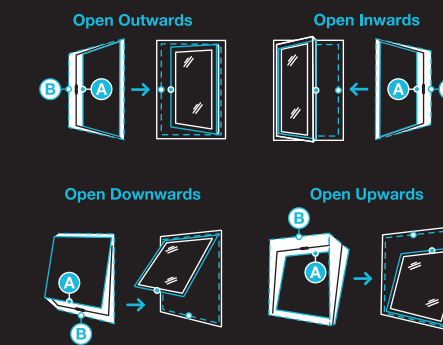
Step 2

Lay the window seal flat and locate the straight edge (A) and curved edge (B). Then, find the center points of the seal as indicated by the dots below.



Step 3

Locate the window encasement (A) and frame (B) and then find the center points of both sides indicated by the corresponding dots.



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Installation

Window Duct Kit

Step 4

Attach the seal at the center dots.

Stick the straight edge onto the window encasement (A) and the curved edge onto the window frame (B). Ensure all sides are fully sealed with no gaps.

Face the side with the zipper tab towards yourself.

Step 5

Unzip the seal and pass the secondary duct tube through the opening.

Zip the seal closed tight to keep air from coming in.

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Installation

Window Duct Kit

Step 6

Slide the end with the coupler over the exhaust grille until it locks into place.

Step 7

Ensure the ducting doesn't have any sharp bends or sagging.

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Installation

Powering and Setup

Powering Your AC

Plug the sensor into your AC, then plug your AC into an AC power outlet to power it.



Only use the included gray sensor with this device to prevent damage. Do not use sensors that were packaged with other devices.

NOTICE

To comply with EU regulations, the rear exhaust fan may continue operating at a low speed after the compressor has cycled off and will remain active until the device is powered off.

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Condensate Drain

Draining Your AC

Your AC features a drain-free design that minimizes how often you must drain it. In occasions when water-collecting outpaces the evaporating system, you must empty the condensation tray. Using the included drainpipe will direct the collected water to a drain or a catch tray. Please drain this tray completely after using or before moving your AC.

DO NOT tilt, incline, or lay this product on its side or back. This will cause water to spill internally and pause programming until it is in an upright position.

Remove the drain cap and plug the drainpipe into the drainage hole. One end of the pipe is wider than the other. Use the larger end in the top drainage hole, or the smaller end in the bottom drainage hole. Route the drainpipe to a nearby drain or catch tray.

COOL/HEAT Modes (Recommended)

Ensure the drainage hole is properly capped while the drainpipe is not in use. This will prevent condensation from leaking. Please note water may flow out of the drainage hole once it is uncapped. Set the drainage hole over a drain or catch tray.

DRY Mode (Required)

Always install the drainpipe into the top opening when using DRY mode.

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Controller Settings

Onboard



1. Power
Turns your AC ON/OFF.

2. COOL Mode
Turns COOL mode ON. Pressing the button again increases the target setting. Hold to jump to ON mode.
3. HEAT Mode
Turns HEAT mode ON. Pressing the button again increases the target setting. Hold to jump to ON mode.

4. COOL/HEAT Mode
Turns COOL/HEAT mode ON. Pressing the button again increases the target setting.

5. DRY Mode
Turns DRY mode ON. Pressing the button again increases the target setting. Hold to jump to ON mode.
6. FAN Mode
Turns FAN mode ON. Pressing the button again increases the target setting. Hold to jump to ON mode.

7. Level Button
Cycles through the mode's fan speed levels 1-10 indicated by the row of dots on the display. Press the button to increase the level by one. Cycling past 10 will return to level 1.

8. AI Setting
Turns the AI setting ON/OFF (COOL, HEAT, COOL/HEAT, or DRY mode only). When active, the system dynamically ramps levels as temperature and humidity shift further from your target, ensuring precision climate control.

9. Display Setting
Toggles between Celsius, Fahrenheit, and VPD settings. You may also switch to humidity settings in DRY mode.

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Other Settings

Factory Reset

Hold the power and cool buttons together for 3 seconds to reset your AC and restore factory settings.

Mute Sound

Hold the power and display setting buttons together for 2 seconds to mute/unmute sound.

Hide Display

Hold the display setting button for 3 seconds to hide the display. The mode indicator light will remain on. Press any button other than the power button to turn the display back on.

Full Condensation Tray

Displays when the condensation tray is full. Your AC will pause programming, and its screen will flash until the water is emptied.

No Longer Upright

F1 displays whenever your AC falls on its side or tilts. It will pause programming, and its screen will flash until placed back at an upright position.

For a complete list of alerts and programming instructions, scan the programming QR code on the next page. If issues persist, contact our customer service department at support@acinfinitly.com or (626) 923-6399 for product and warranty assistance.

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Programming

Advance Programming

This AC is compatible with specific controller models. Please visit our website www.acinfinitly.com for more information.

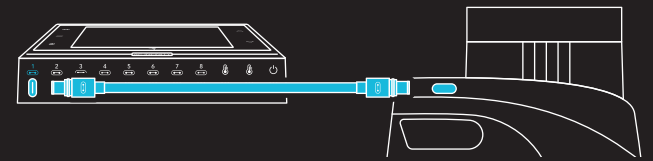
Extension Cable

Use the included UIS M-M extension cord to connect your AC to your controller (not included).

Your controller will override all onboard settings, assume control (parameters must be adjusted on your controller), and shut off your AC's button functions when connected in this manner.

This port is used by either the sensor or the UIS extension cord and cannot be used simultaneously. If you connect the included sensor into your AC, you cannot connect your AC to a smart controller. If you wish to use the UIS extension cord, the only sensor that can be used is the one connected directly to your smart controller.

The port must be dry and capped when not in use to keep liquid and debris out.



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More Information

Programming

For in-depth programming instructions, scan this QR code to view a digital manual.

Warranty

Our warranty program is our commitment to you, the original customer, that product sold by AC Infinity Inc. Will be free from defects for TWO YEARS from the date of purchase. 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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EMAIL | support@acinfinitly.com
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Terraform Series

EU Quick Start Guide

AC INFINITY