

Safety Warnings



CAUTION: RISK OF ELECTRIC SHOCK, DO NOT TAMPER, NO SERVICABLE 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. If provided, 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 check-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.

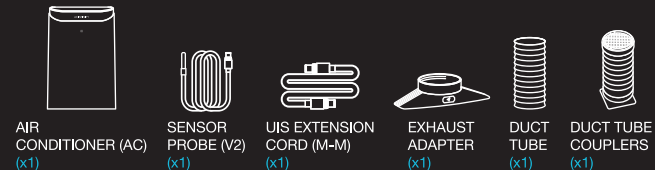
DO NOT attempt to repair this product yourself! All service and/or repairs must be done by an authorized technician and/or electrician. Contact our customer service department at support@acinfinitly.com or (626) 923-6399 for product and warranty assistance.

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

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Product Contents

All Models



Terraform 12



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Installation

Ducting Setup

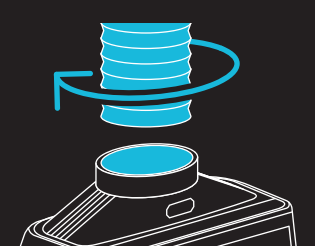
STEP 1
Assemble the exhaust adapter onto your AC. Align the notches into the slots at the bottom of the vent, press the rocket button, and push the adapter in until it clicks into place.

All other adapters are optional.

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

STEP 2

Twist the 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.



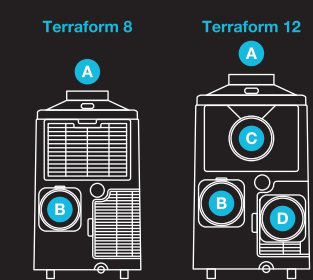
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Installation

Ducting Setup

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

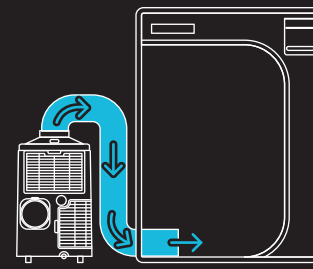
- A. Main Exhaust Vent
B. Secondary Exhaust Vent
C. Main Intake Vent
D. Secondary Intake Vent



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.



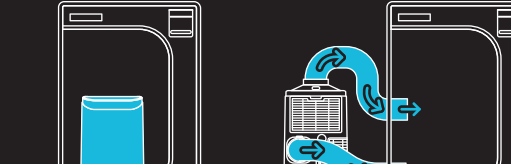
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Installation

Ducting Setup

DRY MODE
For DRY mode, you may choose one of the following configurations.

Full-Space Dehumidification (Neutral Pressure)
Target Dehumidification (Positive Pressure)



See pages 11-14 for secondary exhaust vent installation instructions.

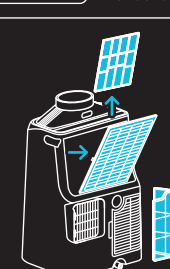
MAINTENANCE

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.



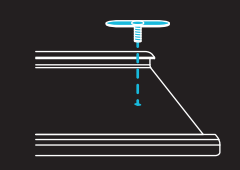
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Installation

Window Duct Kit

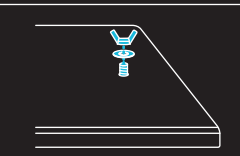
STEP 1
Screw a flat head bolt into the main plate's mounting hole rail-side up.

Keep the bolt head parallel to the rails.



STEP 2
Apply a washer and wing nut onto the flat head bolt on the other side of the main plate.

Do not fully tighten the wing nut.

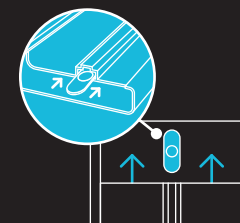


STEP 3

A. Slide the track plate into the main plate, making sure the flat head bolt enters its channel.

B. Adjust the assembly to fit the height or width of your window. Tighten the wing nut once you have your desired length.

You may apply the extension plate to fit a larger window.

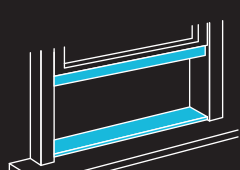


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Window Duct Kit

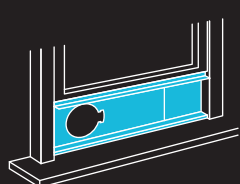
STEP 4
Open your window and cut foam seal A (adhesive) to the proper length. Attach the pieces to your window.



STEP 5
Place the assembly onto your window.

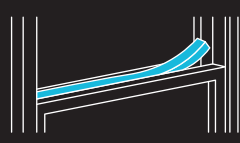
Close your window to hold the assembly in place.

The assembly can be installed vertically or horizontally, as shown.



STEP 6

Cut foam seal B (no adhesive) to the proper length. Attach the pieces to your window.



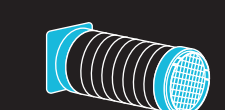
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Installation

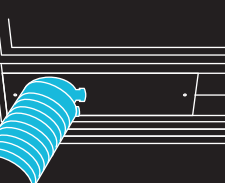
Window Duct Kit

STEP 7

Take the duct tube and coupler assembly and insert the left notch of the window duct coupler into the left slot of the window duct plate hole.

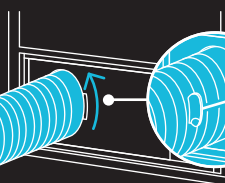


Align the right notch with the right slot and push in.



STEP 8

Twist the duct assembly counterclockwise to lock in place.



AC INFINITY