

Safety Warnings



CAUTION: RISK OF ELECTRIC SHOCK, DO NOT TAMPER, NO SERVICEABLE PARTS INSIDE. 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 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 child-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.

1

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/receptacles. 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 packaging 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 50-77°F (HEAT mode).

22. Do not operate with a self-dimable 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 vacuum, blenders, variable speed fans, or circulators is not advised.

2

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 2014/35/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.

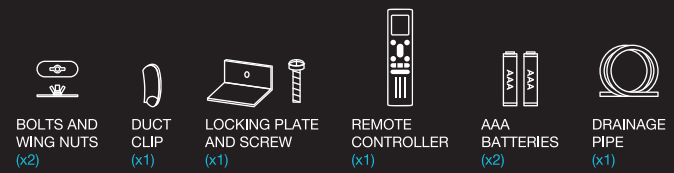
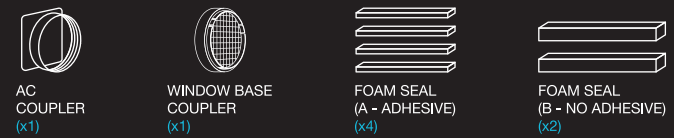
DO NOT attempt to repair this product yourself! All service and/or repairs must be done by an authorized technician and/or electrician. Contact our customer service department at support@acinfinity.com or (626) 923-6399 for product and warranty assistance.

Manufacturer: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789 USA
EU Representative: THIEMIS AIR Unterzitzung UG (haftungsbeschränkt), Beedstrasse 64, 40468 Düsseldorf, Germany, legal@thiemis.com
EU Conformity: CE / RoHS / WEEE / LVD

3

Product Contents

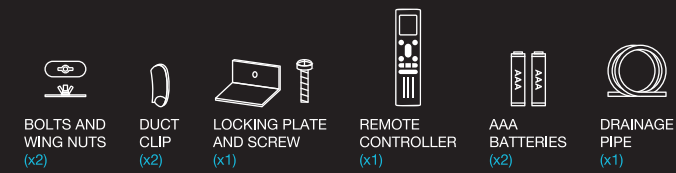
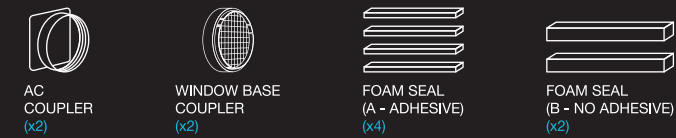
AC-TFH8



4

Product Contents

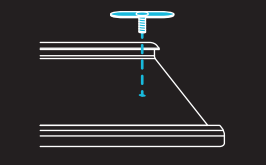
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5

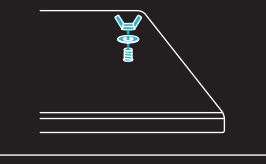
Installation

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



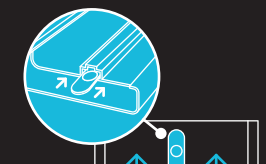
Keep the bolt head parallel to the rails.

- 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.



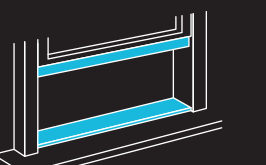
- B. Adjust the assembly to fit the height or width of your window. Tighten the wing nut once you have your desired length.

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

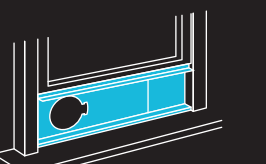
6

Installation

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

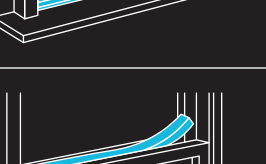


- Step 5**
Place the assembly onto your window.

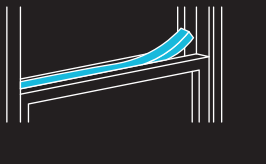


Close your window to hold the assembly in place.

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



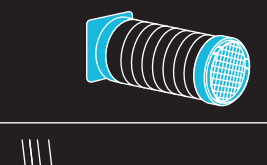
- Step 6**
Cut foam seal B (no adhesive) to the proper length. Attach the pieces to your window.



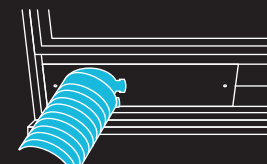
7

Installation

- Step 7**
Twist the duct couplers onto opposite ends of the duct tube.



- Step 8**
Insert the left notch of the window duct coupler into the left slot of the window duct plate hole.

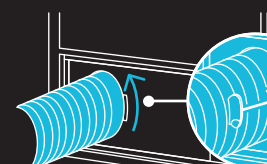


- Align the right notch with the right slot and push in.

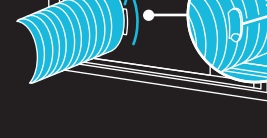


Repeat with additional ducting for the 12K model.

- Step 9**
Twist the duct assembly counterclockwise to lock in place.



Insert the duct clip into the notch to secure the hold.

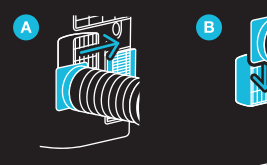


Repeat with additional ducting for the 12K model.

8

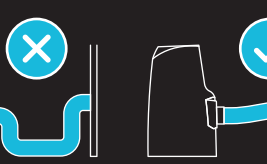
Installation

- Step 10**
Slide the end with the AC coupler over the exhaust grille until it locks into place.

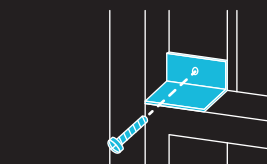


Follow step B for the 8K model. Follow steps A and B for the 12K model.

- Step 11**
Ensure the ducting doesn't have any sharp bends or sagging.



Secure The Window (Optional)
For extra security, you may screw the lock plate into the window frame.



9

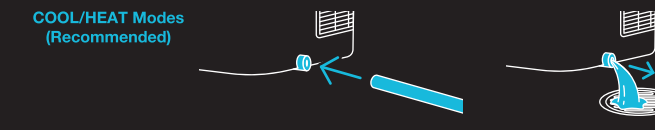
Condensate Drain

Draining Your AC

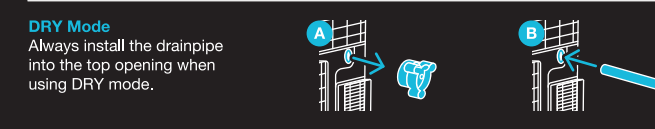
Your AC features a drain-free design that minimizes how often you must drain it. In occasions when water-collecting outpaces the evaporating system, you must empty the condensation tray. Using the included drainpipe will direct the collected water to a drain or a catch tray. Please drain this tray completely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



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.

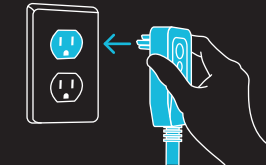


10

Powering And Setup

Powering Your AC

Plug your AC into an AC power outlet to power it.

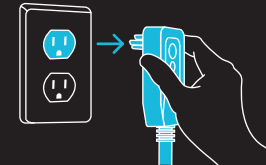


11

Maintenance

Step 1

Unplug your AC.

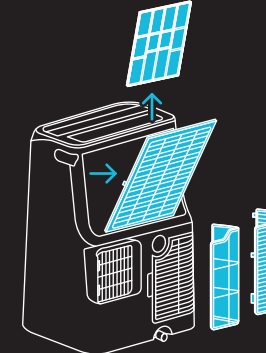


Step 2

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.



12

Controller Settings

Onboard



1. **Power**
Turns your AC ON/OFF.
2. **Mode Button**
Cycles between COOL, HEAT, COOL/HEAT, DRY, and FAN modes.

3. **Level Button**
Cycles through the mode's fan speed levels indicated by the bottom lines on the display. The 8K model has 3 levels and the 12K model has 4 levels. Press the button to increase the level by one. Cycling past 3 or 4 will return to level 1.

4. **Setting Increase/Decrease**
Increases or decreases the target setting. Hold to jump to ON mode.

5. **AI Setting**
Turns AI mode ON/OFF. AI Mode factors temperature and humidity to deliver a true 'feels like' comfort for the human body. COOL, HEAT, COOL/HEAT, or DRY mode only.

6. **Timer To OFF**
Cycles through your AC's timer periods: 15 min., 30 min., 1 hr., 2 hr., 4 hr., 6 hr., 8 hr., 10 hr., and 12 hr.

7. **Sleep Setting**
Turns Sleep mode ON/OFF. The AC starts at level 1 while dimming the screen and muting chimes for more restful sleep. If a target is enabled, Sleep mode adjusts the temperature target automatically for better comfort overnight.

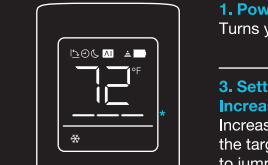
8. **Oscillation Setting**
Turns your AC's oscillation ON/OFF.

*AC-TFH8 shown.

13

Controller Settings

Remote



1. **Power**
Turns your AC ON/OFF.
2. **Mode Button**
Cycles between COOL, HEAT, COOL/HEAT, DRY, and FAN modes.

3. **Setting Increase/Decrease**
Increases or decreases the target setting. Hold to jump to ON mode.

4. **Level Button**
Cycles through the mode's fan speed levels indicated by the bottom lines on the display. The 8K model has 3 levels and the 12K model has 4 levels. Press the button to increase the level by one. Cycling past 3 or 4 will return to level 1.

5. **Temp. Setting**
Switches between Fahrenheit and Celsius.

6. **Oscillation Setting**
Turns your AC's oscillation ON/OFF.

7. **Timer To Off**
Cycles through your AC's timer periods: 15 min., 30 min., 1 hr., 2 hr., 4 hr., 6 hr., 8 hr., 10 hr., and 12 hr.

8. **Sleep Setting**
Cycles through your AC's timer periods: 15 min., 30 min., 1 hr., 2 hr., 4 hr., 6 hr., 8 hr., 10 hr., and 12 hr.

9. **AI Setting**
Turns AI mode ON/OFF. AI Mode factors temperature and humidity to deliver a true 'feels like' comfort for the human body. COOL, HEAT, COOL/HEAT, or DRY mode only.

*AC-TFH8 shown.

14

Other Settings

Factory Reset

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



Mute Sound

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



Hide Display

Hold the timer button for 3 seconds to hide the onboard display. Press any button other than the power button to turn the display back on.



Activate Pairing Mode (Onboard Only)

Hold the power button for 5 seconds to activate pairing mode. You may pair your AC to the AC Infinity app via Wi-Fi, or you may pair your device with an Alexa or Google Home device. See your home device's manual for specific pairing instructions.



Switch Pairing Mode (Onboard Only)

Hold the power button and the AI button together for 2 seconds to switch between Wi-Fi and Matter pairing modes.

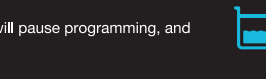


15

Other Settings

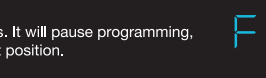
Full Condensation Tray

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@acinfinity.com or (626) 923-6399 for product and warranty assistance.



Activate Pairing Mode (Onboard Only)

Hold the power button for 5 seconds to activate pairing mode. You may pair your AC to the AC Infinity app via Wi-Fi, or you may pair your device with an Alexa or Google Home device. See your home device's manual for specific pairing instructions.



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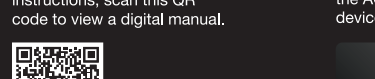


16

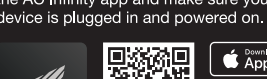
More Information

Programming

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



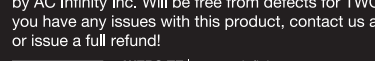
AC Infinity App
To unlock advanced features, download the AC Infinity app and make sure your device is plugged in and powered on.



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EMAIL | support@acinfinity.com
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CITY OF INDUSTRY, CA 91789

DEALERS
EMAIL | dealers@acinfinity.com
PHONE | 626-838-4656, 9 am to 5 pm PST

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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17

Smart Air Conditioner

Quick Start Guide

For the best experience, connect your device to the AC Infinity app to check for the latest firmware updates and features.



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