



# The Windmill AC Owner's Guide

# It feels better in here already.



We started Windmill to help you feel more comfortable at home. We hope your new AC keeps you living breezy for many years to come!

Thanks for choosing Windmill,  
Mike & Team

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# Let's chat safety.

The Windmill AC is a large home appliance with many moving parts. As you can imagine, there are a lot of important safety instructions that will help keep you, others, your home, and your AC safe.

## **PLEASE READ ALL SAFETY AND INSTALLATION INSTRUCTIONS BEFORE INSTALLATION AND USE**

Use your new window air conditioner only as instructed in this Owner's Guide and the Installation Guide. These instructions, cautions, and warnings are not meant to cover every possible situation or condition that may come up during installation and operation. As with any appliance, common sense and caution must be used when installing, operating, cleaning, and maintaining your window AC.

This Owner's Guide and the Installation Guide are available at: [windmillair.com/support](http://windmillair.com/support).

**Please read both guides before setting up and using your AC. For installation help, please visit [windmillair.com/support](http://windmillair.com/support) or email us at [support@windmillair.com](mailto:support@windmillair.com).**

### **A couple of important symbols to know:**

(you'll see them throughout this guide)



You (or others) may be killed or seriously injured if you do not follow these instructions.



You (or others) may be injured or cause damage to your AC or property if you do not follow these instructions.

# Installation.

Important safety instructions.

## WARNING

### **FOLLOW THE WARNINGS BELOW TO MINIMIZE THE RISK OF PROPERTY DAMAGE, SERIOUS INJURY, OR DEATH.**

- Before using your AC, the unit must be properly installed according to the instructions in the included Installation Guide. Please follow this Installation Guide exactly. Keep the Installation Guide for future use when removing or re-installing this AC.
- This product is not intended to be installed by children or people with reduced physical, sensory, or mental capabilities.
- Be careful when unpacking and handling your AC. There may be sharp edges, especially near the front and rear coils.
- Keep all packaging materials away from children. These materials can be a choking or suffocation hazard to children.
- Store and install your AC unit where it will not be exposed to temperatures below freezing or exposed to dangerous, non-normal outdoor conditions (like high temperatures or excessive dust and pollution).
- Do not store or install this AC unit near gasoline or other flammable liquids or vapors.

## CAUTION

- During installation, make sure you do not damage your or nearby property with the AC's heat exhaust and condensation. Make sure you leave at least two feet of clearance to the sides and back of the unit.

**This is NOT the Installation Guide. Please use the included Installation Guide to install your AC and follow all warnings and cautions.** The Installation Guide is included in the box and can also be found at [windmillair.com/support](http://windmillair.com/support).

# Electrical power.

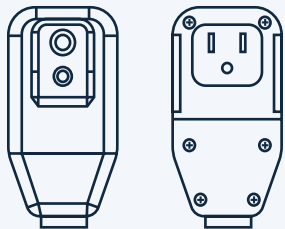
Important safety instructions

## WARNING

### **FOLLOW THE WARNINGS BELOW TO MINIMIZE THE RISK OF PROPERTY DAMAGE, SERIOUS INJURY, OR DEATH.**

- The unit, power cord, and plug are not customer-serviceable. Do not replace or repair the cord yourself if damaged or not working. Replacement or repair may only be done by a licensed and authorized electrician using parts from the manufacturer only, and in accordance with the National Electric Code. Contact Windmill for manufacturer approved replacement parts.
- Do NOT use extension cords, surge protectors, or adapters with this AC unit.
- To protect against potential shock hazard, Windmill's power cord comes with a three-prong grounding plug. Use this with a standard three-slot grounding wall outlet. See diagram below. If you are not sure your outlet can support the AC unit, consult a qualified, licensed electrician to ensure your wall outlet is properly grounded, set up, and ready for use.

- **Do not cut or remove the third ground prong from the power plug.**
- Use a dedicated circuit.
- Do not start or stop the AC by using the power cord. It is not meant to be an ON/OFF switch. Use the power button on the unit, app, or remote.
- Do not pull on the power cord. To unplug, grip plug securely and pull straight out.
- Take care to avoid damaging the power cord when installing, lifting, storing, or moving the AC, do not damage the power cord. Keep the power cord away from any heat sources. Do not set heavy objects on the power cord.
- Only run the AC unit with the assembled, protective metal housing securely in place. Exposing the internal parts could lead to electrical and mechanical damage, and may lead to serious injury or death.
- The conductors inside this cord are surrounded by shields. Examine the cord for damage often. Do NOT use this product if the shields become exposed.
- Do not modify, cut, damage, or tamper with the product, power cord, or plug. This can expose you to the risk of serious injury or death and will void the Limited Warranty.



**For 120 V**

#### **Outlet information**

Standard 120 V, 3-wire grounding receptacle rated 15 A / 120 VAC / 60 Hz

#### **Power information**

Use 15 A time delay fuse or 15 A circuit breaker.

Power cord includes a current device that can detect damage. TEST and RESET buttons are provided on the plug case. Never press the TEST button when the unit is operating. This device should be tested often when the unit is NOT operating. To test the device, press the TEST button. The RESET button should pop out. Then, press the RESET button, which should stay engaged. For proper operation, make sure the RESET button is pressed in. If the TEST button does not cause the RESET button to pop out or if the RESET button will not stay engaged, do NOT use the AC unit. Contact Windmill support at [support@windmillair.com](mailto:support@windmillair.com).

# Operation.

## WARNING

### **FOLLOW THE WARNINGS BELOW TO MINIMIZE THE RISK OF PROPERTY DAMAGE, SERIOUS INJURY, OR DEATH.**

- Follow all installation, repair, operation, and maintenance instructions carefully. Keep this manual for future use.
- If you notice anything abnormal or broken as it relates to your AC (weird smell, smoke, missing parts, etc.), unplug your unit immediately and contact Windmill support.
- Do not modify or rewire the controls or display.
- Do not touch the AC, power cord/ plug, or wall outlet with wet hands.
- Do not insert fingers or any object into the air vents in the front of the unit. Not only can this seriously injure you, it can also break your AC unit.
- Keep water and all liquids away from the AC unit and front air vents. If water or liquid does get into the AC, turn off power using the power button on the unit and then unplug the unit. Contact Windmill at [support@windmillair.com](mailto:support@windmillair.com) before turning on your unit.
- If you won't be using your AC for a while, leave it unplugged.
- Unplug your AC before installing, removing, cleaning or servicing.
- Do not climb on the AC unit (inside or outside).
- Do not place or hang objects on the AC unit (inside or outside).
- If there is a gas leak in the home, do not operate this or any other appliance.
- Do not press, play with, or tamper with the coils at the front or back of the unit.
- Do not clean the inside of the AC unit. Only authorized personnel can clean the interior of the product. Contact Windmill support.
- Use only water, a mild dishwashing detergent, and soft cloth to clean the outside parts of the unit. Do not use strong or solvent-based detergents (this can lead to damage, electric shock, or fire).

## CAUTION

- This AC unit should not be used by children or those with impaired physical, sensory, or mental capabilities, unless supervised by someone responsible for their safety.
- Never allow children to play with or climb on the AC unit.
- Do not block the airflow in the front, back, or sides of the unit.
- Always run the AC unit with the air filter properly in place.
- Do not drink the water that is produced by the unit during normal operation.
- Avoid using a heat-generating appliance (e.g. dryer) while you're using your AC unit.
- Avoid prolonged exposure to the airflow (cold and/or hot) of the AC unit.
- Do not use the remote control if the battery leaks. Seek medical attention if this fluid gets on your skin or in your mouth.
- Keep the remote control away from children. The remote control contains button/coin cell batteries. A child that swallows the battery can suffer dangerous chemical burns in as little as two hours. Seek medical help immediately.
- Do not recharge or tamper with the remote control battery.
- Clean the included filter promptly when the degree symbol changes from white to orange. Avoid sharp edges and coils when changing the filter to prevent injury.

# Refrigerant.

For R32 Only



**RISK OF FIRE OR EXPLOSION. This unit contains a newer refrigerant called R32 that has a lower Global Warming Potential than older refrigerants like R410A. It is a flammable refrigerant and has special safety precautions and advisories that must be followed:**

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance, or an operating electric heater).
- Do not pierce or burn. Be aware that flammable refrigerants may not contain an odor.
- Use caution when handling and storing to prevent damage to the unit.
- Do not drill or poke holes in the unit under any circumstances.
- Maintenance and repair should only be conducted by trained, licensed technicians certified to work with flammable refrigerants. Any person who is involved with working on or breaking into a refrigerant circuit should hold a valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safety in accordance with an industry recognized assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- If not maintained and cleaned properly, the refrigeration, mechanical, and electrical systems can all be damaged.
- The unit should be installed and stored in an area with proper ventilation. The airflow (front, back, and sides) should not be blocked.
- Do not store in a room with any open flame appliances (i.e. furnaces, gas water heaters, etc.).
- Do not store in a room with electrical heaters.
- Store carefully and in a safe place to prevent damage to the refrigerant tubing.
- Do not store if the unit is damaged. Fix the unit before storing.
- Dispose of the air conditioner in accordance with Federal and local regulations. Flammable refrigerants require special disposal procedures. Contact your local authorities for instructions on safe disposal of your air conditioner.



# FCC statement.

## Federal Communications Commission (FCC) Interference Statement

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 environment. 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 equipment does cause harmful interference to radio or television reception, which can be determined by tuning the device 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 device and receiver.
- Connect the equipment into an outlet other than the one used for the receiver.
- Consult the dealer or an experienced radio/TV technician for assistance.

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, and (2) This device must accept any interference received, including interference that may cause undesired operation.

## FCC caution:

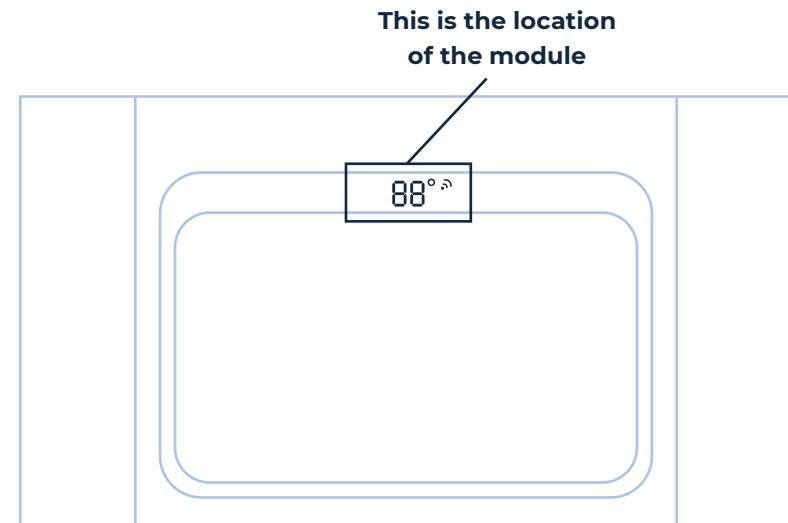
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Host device labeling:

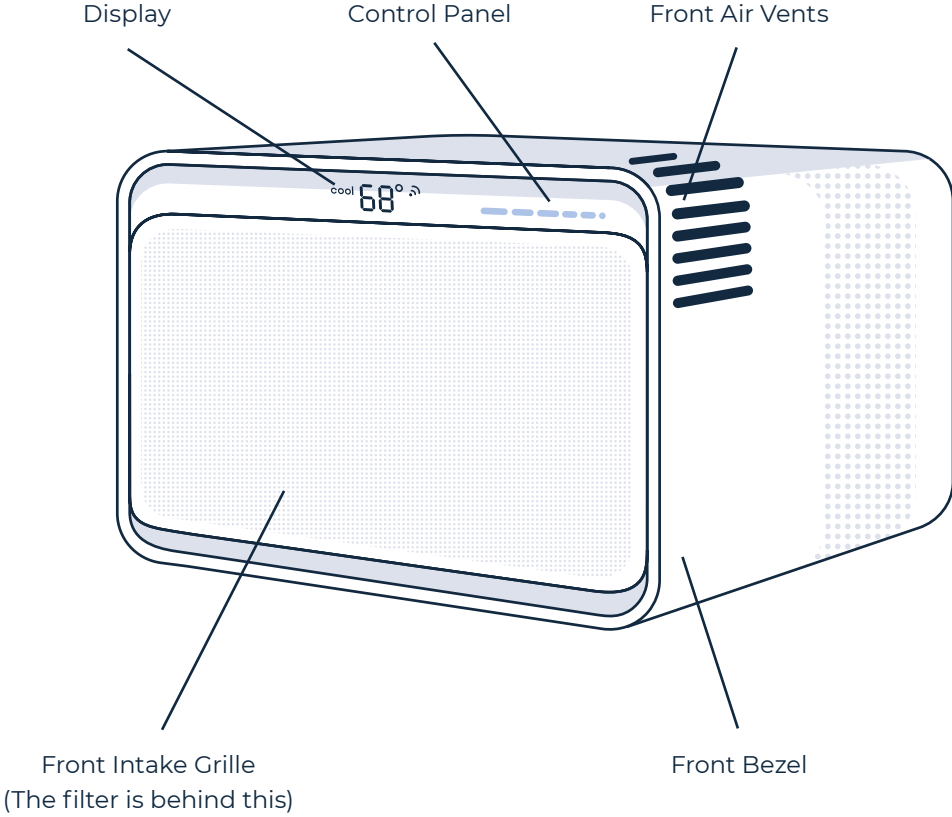
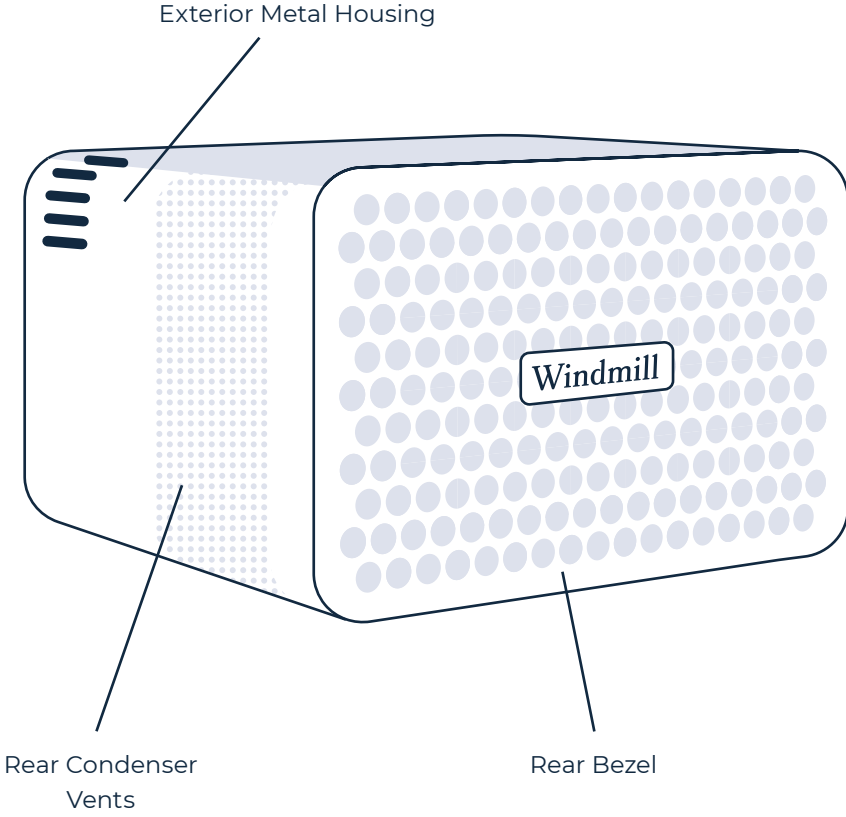
This device includes the following module.  
Contains FCC ID: 2AC7Z-ESP32WROOM32E

## RF exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

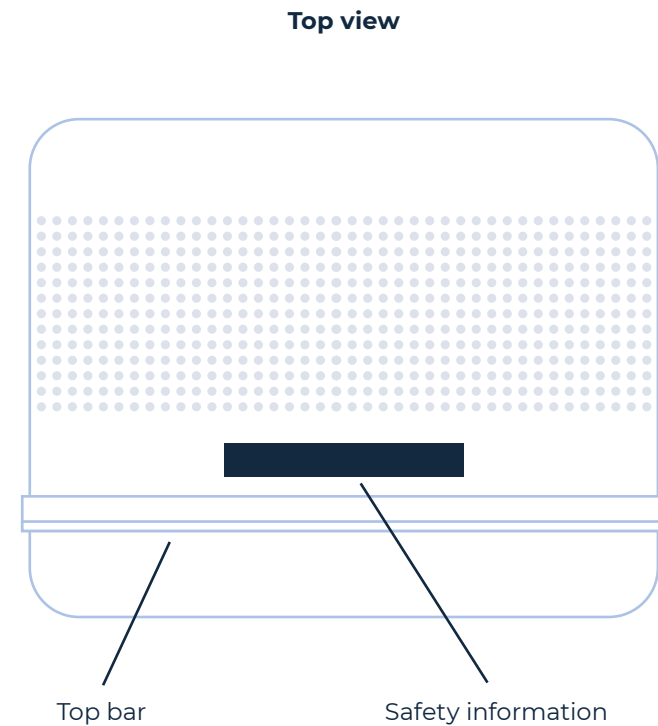
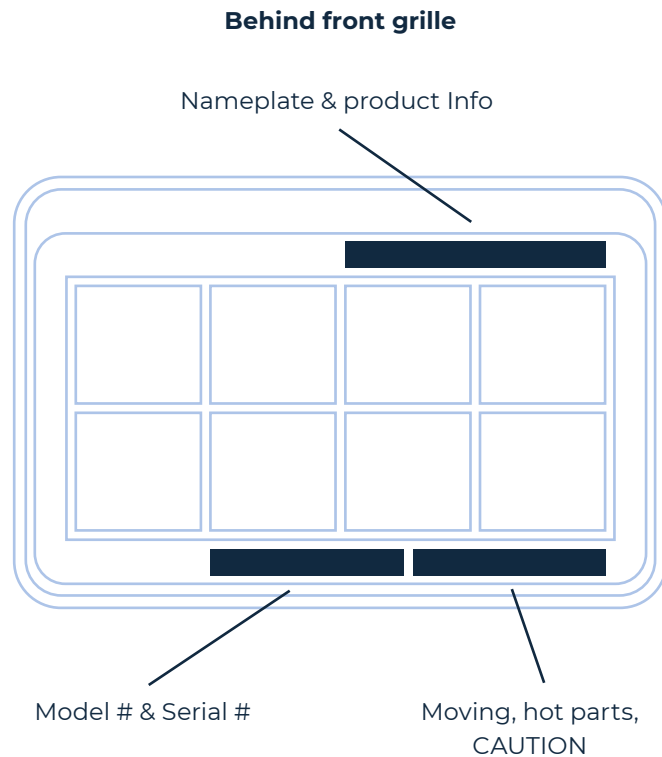


# Get to know your AC.



# Get to know your AC.

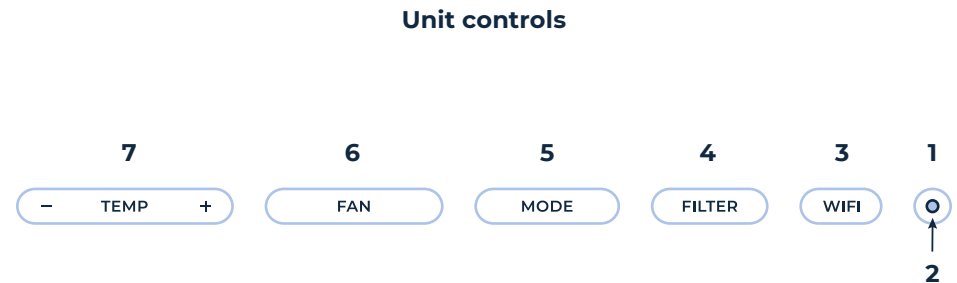
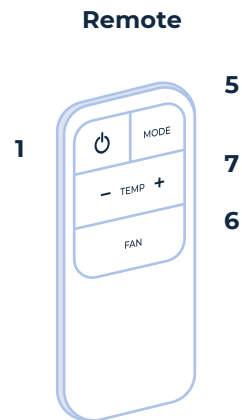
Labels & important information



1. Remove front intake grille by gently pulling the bottom groove.
2. Behind this grille, you will find your serial number, model number, and other important product information and cautions.

3. On top of the unit behind the top bar, you will find important disposal and safety information.

# Get to know your AC.



## 1 Power button

Turn the AC on and off.

## 2 Power indicator light

Shows the AC is powered on (you can shut this light off by holding down Mode for 5 seconds).

## 3 Wifi button

Hold this down for 5 seconds to begin pairing with your app. The wifi indicator light will flash until you pair successfully.

## 4 Clean filter button

Hold this down for 5 seconds after cleaning or replacing your filter to reset the change filter indicator light.

## 5 Mode button

Use this to change the mode to cool, eco, or fan.

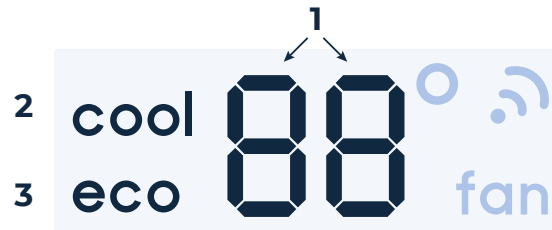
## 6 Fan button

Use this to change the fan speed to high (3), medium (2), low (1), or auto (A). Auto means the fan only runs when the AC is cooling (versus running continuously).

## 7 Set temperature button

Use this to adjust the temperature up or down.

# Get to know your AC.



## 1 Temperature display

This area will display the room temperature. When you adjust the temperature up or down using the temperature button, this area will then show the set temperature so you can choose your new desired temperature. Once you choose your new desired temperature, the display will flash this new set temperature twice before again displaying the room temperature.

### Fan display

This display area will show the different fan speed options as you cycle through using the fan button. Once you find your desired fan speed, it will flash twice before again displaying the room temperature.

The fan speeds are displayed as follows:

High: 3

Medium: 2

Low: 1

Auto: A

## 2 Cool mode

This mode helps keep your home cool, comfortable, and dehumidified. In this mode, you can choose any fan speed (low, medium, high, auto). The fan will run continuously in this mode (unless on auto fan speed). Use the temperature button to adjust to your desired set temperature.

## 3 Eco (Energy Saver) mode

The unit will turn on by default in this mode to ensure the unit runs efficiently and to help you save on your energy bill. In this mode, the compressor turns off when your desired temperature is reached. The fan will run periodically until the room temperature is above your desired temperature. At this point, the compressor will turn back on to help cool the room back down to your desired temperature. In this mode, you can choose any fan speed (low, medium, high, or auto). Use the temperature button to adjust to your desired set temperature.

# Get to know your AC.



## 4 Fan mode

Use this mode to run the fan only. The compressor will not turn on. You can choose high, medium, or low fan speed. Auto fan does not work in this mode. The display will show the room temperature, and you cannot adjust the set temperature in this mode.

## 5 Wifi indicator light

To connect your unit to the Windmill app, hold down the wifi button for 5 seconds. It will continue to flash for 60 seconds. If it does not pair, it will stop flashing after 60 seconds. If it does pair, the wifi indicator light will stay lit.

*Note: this wifi indicator light will flash for 60 seconds when initially plugged in - it will stop after 60 seconds if you do not wish to pair with the app.*

### Other important operating notes:

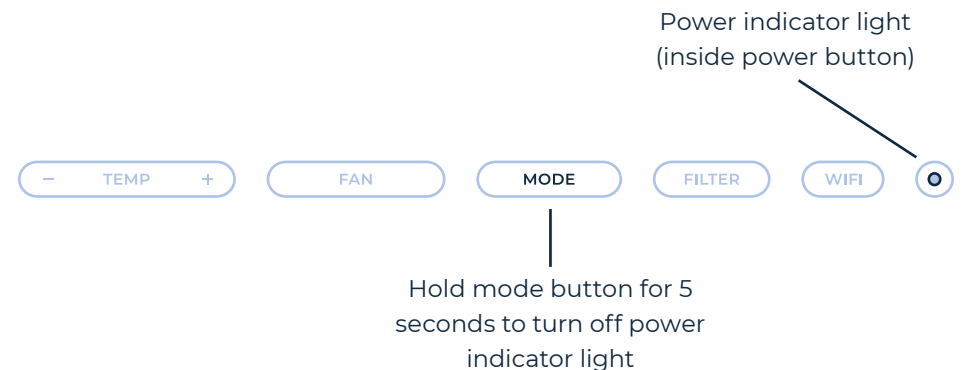
- **There is a 3 minute delayed start if the AC is turned on and off quickly in cool or eco mode. This helps protect the compressor from overheating or the circuit breaker from tripping. The fan will still run during this delay.**
- When you select fan mode, the compressor will continue to run for approximately 2 minutes (in case you decide to cycle back through to cool or eco mode).
- When the unit is turned off in cool or eco mode, it will always return to eco mode when powered back on.
- If power is lost due to a power outage, the AC will restart in whatever mode it was last in before shutting off.
- The temperature can be set between 60 degrees Fahrenheit and 80 degrees Fahrenheit. The AC will maintain your desired set temperature within approximately 2 degrees Fahrenheit in a well insulated room 375 square feet or smaller.

## 6 Degree symbol & clean filter indicator

The degree symbol will change from white to orange after 250 hours of operation. This means it is time to clean or change your filter. Once you clean or change your filter, hold down the filter button for 5 seconds until it beeps and the degree symbol turns from orange back to white.

# Get to know your AC.

Important things to highlight



## Eco mode operation

Every time you power on your AC (including right out of the box), it will default to eco (energy saver) mode. This is the most efficient mode and helps save you money on your energy bill. **If the temperature in your room is lower than the unit's set temperature, the unit will not run right away** (since it's already below your target temp!). For example, if your room is 68 degrees and your unit is set to 70 degrees, in eco mode, nothing would happen. You can always change the mode to cool or fan if you want air to flow.

## Fading display

Windmill was designed to hide in plain sight. The display will fade away after 60 seconds, so you don't have bright LEDs ruining your vibe (or sleep). There is an indicator light in the power button that lets you know the unit is still running. Press any button to reactivate the display.

NOTE: If you want your AC to run completely in the dark, you can shut off the indicator light by holding down the "mode" button on the unit for 5 seconds.

# Get to know your AC.

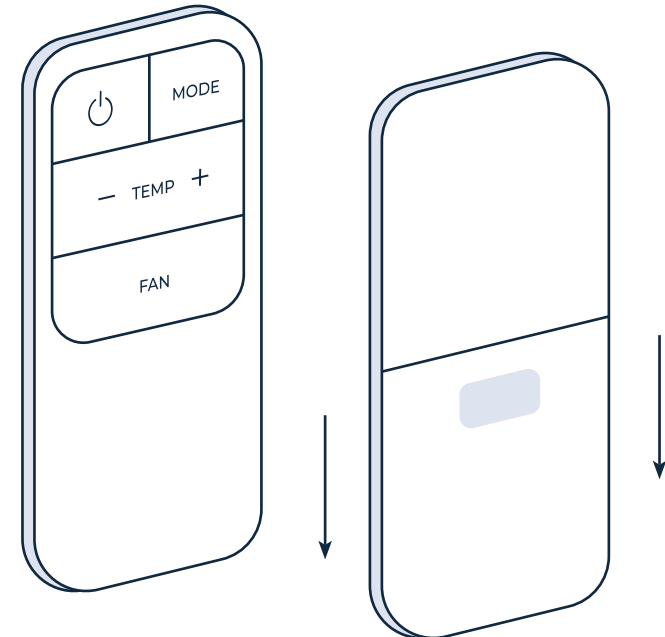
Remote control

The remote ships with one new battery. Do not recharge the battery. Use a new CR2032 3 Volt Lithium Coin Cell Battery.

The remote control is intended to work up to 25 feet away from the AC unit. It will not work reliably from further distances or if there are objects in between the remote and AC.

To change the battery:

1. Slide the back cover off
2. Remove and properly dispose of the old battery
3. Insert new battery (pay attention to the polarity to make sure it is the correct side)
4. Slide back cover into place



## WARNING

- Keep the remote control away from children. The remote control contains button/coin cell batteries. A child that swallows the battery can suffer dangerous chemical burns in as little as two hours. Seek medical help immediately.

## NOTES & CAUTION

- The remote may be damaged and not work properly if the sensor at the front is exposed to direct light.
- Remove the battery from the remote if you do not plan on using the AC for a while (this will prevent potential leakage)
- Do not place or store the remote in areas with extreme heat or humidity.



# Cleaning & maintenance.

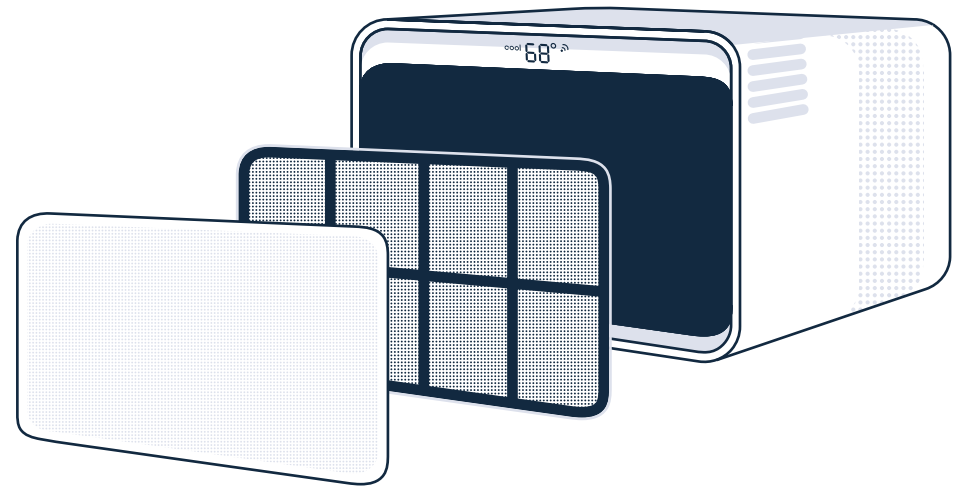
How to clean & change your filter

## Check the air filter once every couple of weeks.

Dirt, dust, and other particles can block the airflow. This isn't great for the efficiency of the machine or your air!

To clean the included antimicrobial filter:

- 1. Remove the front intake grille.** Place your hands in the bottom groove and pull out (it's magnetic, so should be easy!)
- 2. Remove the filter.** Use the plastic grips near each hole as you pull out. Be careful not to snap off the plastic pegs where the filter rests.
- 3. Wash the filter.** Use warm water below 100 degrees fahrenheit. Lightly shake off excess water. Do not use soap to clean the filter.
- 4. Return filter and front intake grille.** Align the holes in the filter with the plastic pegs. When it is secure, insert the front intake grille's magnets into their respective holes on the front bezel.



## WARNING

- **Power off and unplug the AC before you change the filter.**

For cleaner, fresher air, we also included (for free!) a removable activated carbon filter, which helps remove odors, smoke, and VOCs (volatile organic compounds) from the air. To learn more and subscribe, visit [windmillair.com](http://windmillair.com).

# Cleaning & maintenance.

How to clean & store your AC

We want your unit staying fresh and clean.

## Cleaning instructions and notes:

- You can clean the exterior parts of your AC with warm water and mild liquid dishwashing detergent. Use a soft wash cloth.
- Use a dryer part of the cloth to wipe down the display and buttons. Be careful not to get water or detergent near the display or buttons.
- Do not use harsh cleaning products.

## Storage

- Remove the AC carefully from the window following the Installation Guide's instructions.
- Store it in the original packaging or use a plastic cover or bag.
- Do not store the unit where it can be punctured or damaged.
- Do not store in a room with any open flame appliances (i.e. furnaces, gas water heaters, etc.).
- Do not store in a room with electrical heaters.
- Do not store if the unit is damaged. Fix the unit before storing.



## WARNING

- **Turn off and unplug the AC before you clean it. Do not clean the inside of the AC unit. Only authorized personnel can clean the interior of the product.**

# Environmental impact.

Lower your environmental footprint and energy bill with these simple tips

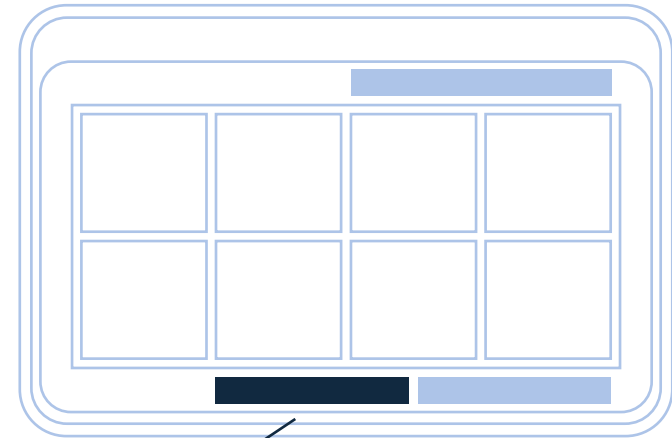
- 1. Clean your filter:** A clean filter allows more air to flow through the AC, making it more energy efficient.
- 2. Maximize air flow:** For ACs, free flowing air is like food. For them to “eat” and operate as efficiently as possible, they need air to pass through without being blocked. Make sure there is nothing blocking the air flow around your Windmill AC, on the inside and outside of your home.
- 3. Give your AC some shade:** Your unit will be happier and work more efficiently if you place it in a window that doesn't get a lot of sun.
- 4. Insulate the window:** Make sure there are no air gaps in your windows or walls, so cool air can't escape (and warm air can't get in).
- 5. Do the little things:** Run appliances that generate a lot of heat (washer, dryer, dishwasher, etc.) during cooler parts of the day and keep blinds closed (in your other windows) during the sunniest parts of the day.

# Warranty.

**Your AC comes with a one year limited warranty.**

To review the warranty specifics and register your new AC, go to [windmillair.com/support](http://windmillair.com/support).

*Note: You'll need to have your model number and serial number handy before registering your AC. Both numbers can be found by removing the front intake grille. They will be on a white sticker attached to the inside of the front bezel.*



Model # & Serial #

We're here if you need us.  
We mean it.

If you have any questions or need additional help,

Go to [windmillair.com/support](https://windmillair.com/support)  
Email us at [support@windmillair.com](mailto:support@windmillair.com)