Windmill

The Compact Air Purifier Owner's Manual

We take care of your air.

We started Windmill to help you feel more comfortable at home.
We're a family-run small business, and your support means the world!

Any questions or issues? We'll get you squared away.
windmillair.com/support
support@windmillair.com

Thanks for trusting Windmill,
Mike & Team

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Let’s chat safety

READ THESE INSTRUCTIONS AND THE WHOLE MANUAL BEFORE USING YOUR AIR PURIFIER
(You’ll probably learn something useful!)

AND SAVE IT PLEASE
(You might actually refer to it later...)

Thanks for joining the Windmill family! This manual provides operating instructions for your Windmill Air Purifier. Use the product only as instructed in this manual. These instructions are not meant to cover every possible condition and situation that may occur. Please practice caution and common sense when installing, operating, and maintaining this or any product.

Some important highlights:

- **Unplug the air purifier before cleaning or maintenance** so you don’t get shocked.
- **Don’t cover the air outlet vents on top or the air intake vents**, or you might break the air purifier.
- **Use the air purifier only as described in this manual.** Any other use could cause fire, electrical shock, property damage, or injury.

This unit has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit only one way in a polarized outlet. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

If the power cord or product does not work, unplug the purifier and immediately contact Windmill Support at **support@windmillair.com**. Do not attempt to replace any parts or service the product yourself.

WARNING! Avoid fire hazard or electric shock.
Do not use an extension cord or an adaptor plug with this product.
Do not remove any prong from the power cord.

1. Always unplug the product from the electrical outlet before cleaning it or replacing the filters.
2. Keep the cord away from heated surfaces.
3. Always keep the air purifier on a firm, level surface. Do not operate or use on a soft surface (like a bed or couch).
4. Always place the product at least 20 inches away from walls (and other things that can block airflow) and at least 3 feet from heat sources (including but not limited to stoves, radiators, or heaters).
5. To avoid electric shock and/or a fire hazard, do not let water or any other liquid enter the product.
6. Do not touch or reach for this product (or any appliance) if it has fallen into water. Unplug the product immediately.
7. Keep this product dry and do not operate in humid, moist, or wet conditions (like a bathroom, laundry room, or similar indoor location).
8. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
9. Do not disassemble the air purifier.
10. Do not touch the fan blade when removing the filter. Always unplug the air purifier before removing the filter or back panel.
11. Do not run the power cord under rugs, carpeting, or similar coverings.
12. Only use the air purifier with a 120V power supply. You can break the product if you plug a 120V plug into a 220V power supply.
13. Do not tilt or move the air purifier while it is operating. To disconnect the air purifier, first turn off all controls, then remove the plug from the outlet.
14. Do not insert or allow foreign objects to enter any vent or exhaust openings as this may cause an electrical shock or fire, or break the air purifier.
15. Do not use outdoors. For indoor, household use only.

CHILDREN AND VULNERABLE PEOPLE SAFETY WARNING! Risk of suffocation, injury, or permanent disability.

This air purifier is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the air purifier. This product can be used by children aged 12 years and above, as well as persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, only if they have been given supervision or instruction concerning use of the air purifier in a safe way and understand the hazards involved.

- Children should not play with the air purifier.
- Cleaning and maintenance should not be done by children without supervision.
- Children under 12 years of age should be kept away from the product unless continuously supervised.
- Keep all packaging away from children.

FCC statement

Federal Communications Commission (FCC) Interference Statement:

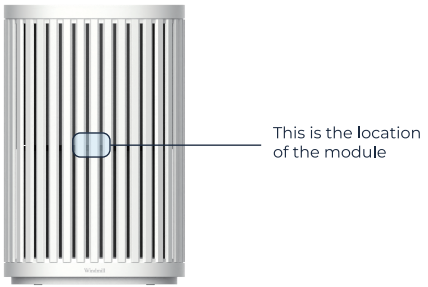
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate 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.

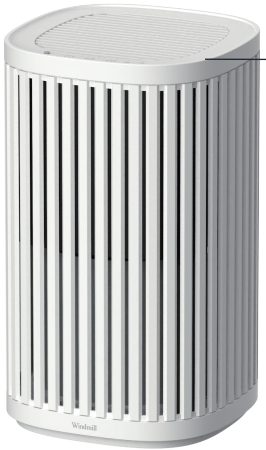
FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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



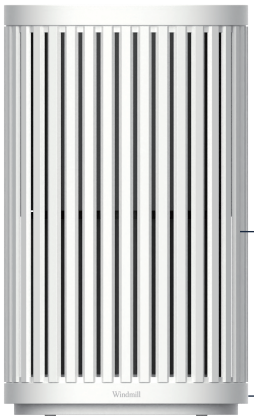
RF Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum of 20 cm between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

Get to know your air purifier



Top air outlet vents

This is where clean, healthy air flows out! Do not place anything on this area or block it in any way.



Air intake & filter

This is where air flows into the Windmill Air Purifier to be cleaned by the 3-in-1 filter (which is behind the removable back panel). Make sure there is at least 20 inches of clearance around the entire purifier and that nothing is blocking the airflow.

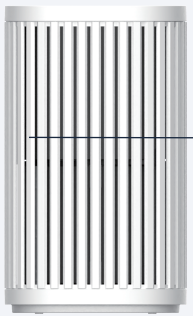
Power cord

Use with a standard 120V outlet only.



Control panel

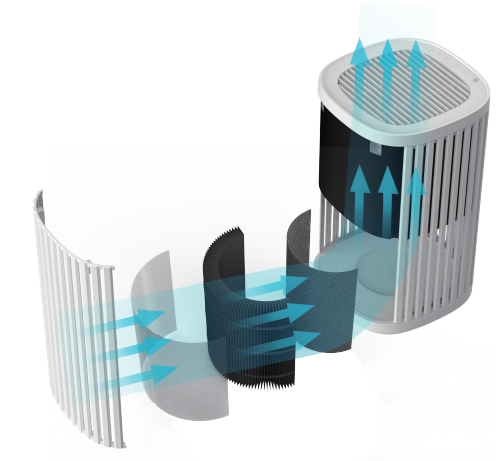
You can control your Windmill Air Purifier either with the easy-to-use buttons on the device or from the Windmill Air app.



Air quality sensor

The Windmill Air Purifier uses an advanced, laser-based particulate matter (PM) sensor, located behind the removable back panel on the back left side of the unit (when facing the back). Do not block the sensor—keep at least 20 inches of clearance—and wipe the area clean regularly.

How it works



1. The 360° intake draws in room air from every side of the purifier.
2. The air then travels through three layers of filtration: (1) Pre-Filter (to help filter dust, hair, and other large particulates), (2) True HEPA Filter (to help filter other smaller airborne particles), and (3) Activated Carbon Filter (to help remove odors, harmful gasses, smoke, and other volatile organic compounds).
3. Fresh, clean air is smoothly sent back into your room through the top air outlet vents.

Our advanced, laser-based sensor continuously monitors your air and lets you know what's happening in real time. As your air quality changes, the air quality indicator light on the top left of your purifier changes color accordingly.

Here's how to read it

Air Quality Status	AQI (Air Quality Index)*	Display Color
Good	0-50	Green
Moderate	51-100	Yellow
Bad	101-150	Orange
Unhealthy	151+	Red

*Download the Windmill Air app (Apple and Android) to see the exact AQI reading.

Note: The Windmill Air Purifier's Air Quality Status & AQI reading is based on U.S. standards around the concentration of PM2.5 particulates.

Connecting the Windmill Air Purifier to Wi-Fi



Download the Windmill Air app to control the air purifier from your phone. Scan the QR code with your phone's camera, or go to the app store and search for "Windmill Air".

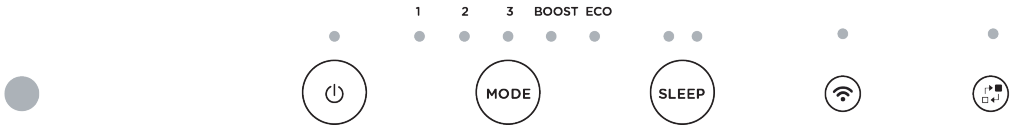
GET IT ON Google Play

Download on the App Store

1. Download the Windmill Air app for iOS or Android.
2. If you haven't already, sign up in the app: enter your email address and then check your inbox for the activation link.
3. Tap the upper right corner of the app to add a new device.
4. Follow the instructions to add the device. When instructed, hold the Wi-Fi button on the device for 5 seconds to make the LED light blink.
5. When successfully paired, the Wi-Fi indicator light (above the Wi-Fi button) will remain on.

Pro tip: If you ever accidentally enter Wi-Fi pairing mode, don't worry. Just hold the button for another 5 seconds to exit.

Using the controls



Air quality indicator & display light toggle (same button)	**Air quality indicator** Shows the room's current air quality status (or AQI), from Unhealthy (red) to Good (green). **Display light toggle** The button also controls the purifier's display lights (on/off). You can press this button to turn the display off (for instance, if you want to run the purifier in the dark while you sleep). If the display lights are off, press any button to wake them up, and then choose your new desired setting. If display off is chosen, then the display lights will fade after 5 seconds.
Power	Turns the Windmill Air Purifier on or off.
Mode	Sets how the air purifier operates. There are 4 manual settings: Low (1), Medium (2), High (3), and Boost. The higher the fan speed, the faster the purifier will clean your air. If you want the Windmill Air Purifier to work its magic (and do the thinking for you), choose Eco mode (or as we like to call it, the never-worry-about-your-air-again mode). In Eco mode, the fan speed automatically adjusts based on your room's air quality. The worse the air quality, the higher the fan speed. As the purifier cleans, and your air quality improves, the fan speed decreases accordingly. Once your air quality is "Good" and stable, the fan shuts off to conserve power (note: your air quality is still being monitored, don't worry!); if your air quality starts worsening, the fan turns back on. In addition, the purifier turns on after 30 minutes have passed to do a quick checkup.

Sleep	Runs in the dark with 2 sleep-focused sound options: Whisper (1) or White Noise (2). Choose whichever helps you or your loved ones get the best night's sleep! After the display automatically turns off in Sleep mode, press any button to wake up the display and then choose your desired setting. The display will fade away again after 5 seconds if left in Sleep mode.
Wi-Fi	Pairs your device to the Windmill Air app for iOS or Android. Hold for 5 seconds to begin pairing. If you accidentally enter pairing mode, hold for 5 seconds to exit.
Change filter	Lights up when it's time to change your air filter, which should be every 6 months in most cases. Hold the button for 5 seconds after changing your air filter. You can also track your filter's remaining lifespan in the Windmill Air app (so you can have the new filter ready to go!).

Other useful things to know:

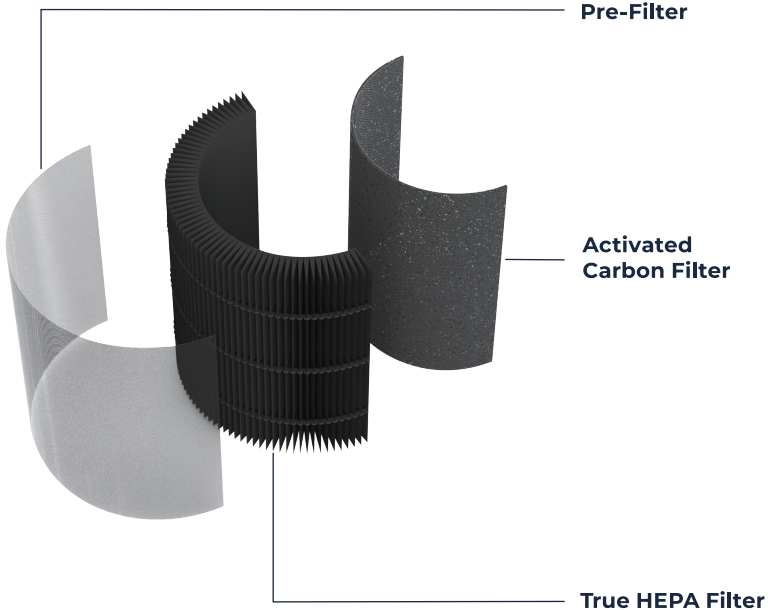
- **Child Lock**
  Available in the Windmill Air app. If Child Lock is enabled in the app, none of the buttons on the air purifier will work, and all indicator lights will flash 3 times to remind you that Child Lock is on.
- **Scheduling and automations**
  Available in the Windmill Air app.
- **Beeping noise**
  Beeping is off by default. If you want to enable beeping, hold the air quality indicator / display button for 5 seconds. To turn beeping off, hold it down again for 5 seconds.

Changing and maintaining your filters

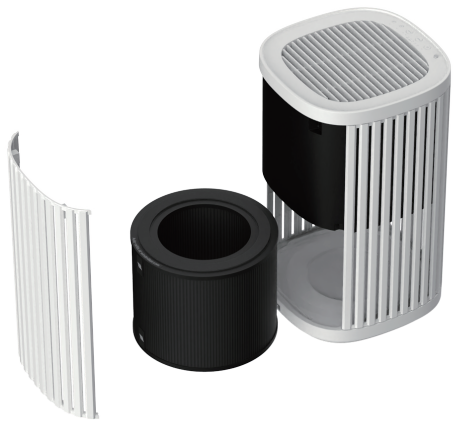
Your Windmill 3-in-1 Filter has three layers of filtration: (1) Pre-Filter (to help filter dust, hair, and other large particulates), (2) True HEPA Filter (to help filter other smaller airborne particles), and (3) Activated Carbon Filter (to help remove odors, harmful gasses, smoke, and other volatile organic compounds).

Not subscribed to auto-refills for your Windmill Filters?
Scan to save:

SCAN ME
PRIVACY.FLOWCODE.COM



Filter maintenance schedule & instructions

Every month	Every 6 months
Pre-Filter: Vacuum the pre-filter to remove dust, hair, and other large particulates. Instructions: • Unplug the air purifier. • Open the back panel and remove the entire filter. • Thoroughly vacuum the pre-filter using the soft brush attachment of your vacuum cleaner. Other cleaning methods may damage the filter. • Insert the filter into the back of the purifier. The tags with the Windmill logo should be facing you. • Close the back panel, plug in your purifier, and turn it back on. **Air quality sensor filter:** Behind the removable back panel, on the back left side of the purifier, you'll see a small opening for the laser-based air quality sensor. Inside is a tiny black cotton filter that protects the sensor. To keep readings accurate, clean this sensor filter monthly. Instructions: • Gently brush the black air quality sensor filter with a cotton swab. • **Important:** *If you apply too much force while cleaning, the cotton filter will break.*	Replace the entire filter every 6 months for optimal air quality. Instructions: • Unplug the air purifier. • Open the back panel and remove the filter. • Dispose of the old, dirty, ineffective filter. • Take the new filter out of its packaging and insert it into the back of the purifier. The tags with the Windmill logo should be facing you. • Close the back panel, plug in your purifier, and turn it back on. 

Cleaning and maintenance

Cleaning the device

1. Unplug the unit before cleaning.
2. Clean the outer plastic parts of the purifier with an oil-free, dry cloth or by using a vacuum cleaner with a soft brush.
3. Do not use harsh cleaners, wax, or other chemicals when cleaning the purifier.

Pro tips:

- If you're not planning to use the purifier for a while, cover it with plastic and return it to its packaging for safe keeping.
- Replacement filters should remain sealed in their original packaging until they're needed.

Support and warranty

Having an issue? We've got your back! Try the troubleshooting steps below. If that still doesn't work, contact us at **windmillair.com/support.**

Potential Issue	Solution
The purifier won't turn on.	Make sure it's properly plugged into a 120V standard outlet. Make sure the house fuse is not blown or the circuit breaker is not tripped.
No air is blowing from the top vents.	Clean the pre-filter and/or replace the entire filter if it is old. Air can't flow through the purifier if the filter is dirty and clogged.
The air quality reading isn't improving or is not accurate.	Gently clean the air quality sensor filter. See "Filter maintenance schedule & instructions."
The purifier is loud or is making a strange sound.	Clean the pre-filter and/or replace the entire filter. See "Filter maintenance schedule & instructions." Make sure there is no blockage to the air inlet or outlet areas. Run on low fan speed for a quieter sound.
The device smells odd.	There may be a new plastic smell at first– that's normal. It should go away in a couple of days. If it doesn't, unplug the purifier and contact **support@windmillair.com.**
The app isn't working.	Contact **support@windmillair.com** and we'll get you set up.
Airflow seems weak.	Clean the pre-filter and/or replace the entire filter if it is old. Air can't flow through the purifier if the filter is dirty and clogged. See "Filter maintenance schedule & instructions."

Warranty

The Windmill Air Purifier comes with a limited warranty. For more information on the length of the warranty or how to make a warranty claim, go to **windmillair.com/support.**

This product earned the ENERGY STAR by meeting strict energy efficiency guidelines set by the US EPA. US EPA does not endorse any manufacturer claims of healthier indoor air from the use of this product. The energy efficiency of this ENERGY STAR qualified model is measured based on a ratio between the model's CADR for dust and the electrical energy it consumes, or CADR/Watt.



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