



Alen BreatheSmart 45i_V2 HEPA Air Purifier

USER MANUAL



We would love to hear from you. If you have any questions,
please contact us via email at service@alen.com.

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The 8 hr TWA Ozone for this product is 0.001 ppmv when tested in a 30 m3 chamber. Refer to safety instructions in manual for more information.
See back of unit for rating label and regulatory markings.

AIR PURIFIER SAFETY

This manual provides important safety messages regarding your electrical home appliance. Always read, follow, and save all safety directions.

Location Requirements

- Use a level surface at least 6" (15.2cm) from heat sources such as ranges, dryers, or heaters.
- Do not block air vent openings.
- Never insert fingers or foreign objects into air vents.
- Do not place air purifier on a soft or unstable surface such as a bed or sofa.
- Do not use in a window.
- Do not use next to a source of heat such as a range, heater, or dryer.
- Do not use near any source of water such as a sink, bath, shower, or swimming pool.
- Operate indoors only.

Electrical and Safety Requirements — Reduce the risk of fire or electric shock.

Failure to follow these instructions can result in property damage, injury, or death.

- Do not connect the air purifier to any electrical socket that is damaged.
- Do not plug the air purifier into an outlet controlled by a dimmer switch.
- Do not insert or pull-out plug with wet hands, it may cause electric shock.
- Plug the DC Power Adapter provided with your air purifier directly into the outlet. Do not use an outlet adapter or extension cord.
- Use only the power adapter provided with your air purifier. Other third party power adapters have not been tested with the air purifier and could damage/destroy the air purifier.
- Do not exceed the rating of the power outlet or connection device. May cause electric shock or fire due to excess heat generation.
- Never try to take apart or repair the air purifier.
- Disconnect power immediately if you notice strange sounds, smells, or smoke.
- Change your filter at the recommended interval to avoid particle and dust buildup.
- Insert the filter "TOP" side up as indicated by the pull ribbon. Do not run the air purifier without a filter.
- Do not cover or impede the airflow.
- Do not drop the air purifier, as this can result in damage.
- Do not place heavy objects on the DC Adapter cord, and ensure that it is not a tripping hazard.
- Do not spray insecticides or any other flammable sprays near the air purifier. It may cause explosion or fire.

USING YOUR AIR PURIFIER

PLEASE NOTE:

The BreatheSmart 45i_V2 has capacitive touch control panels. The buttons only operate with a quick, light touch. Holding the buttons down will not activate the controls properly. A chime will indicate that the control has registered your touch.

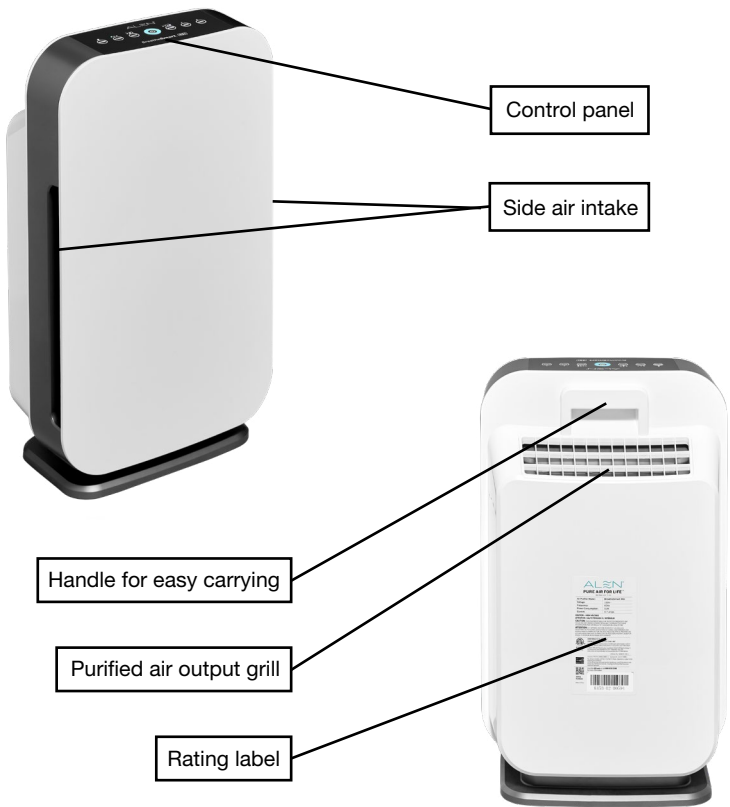
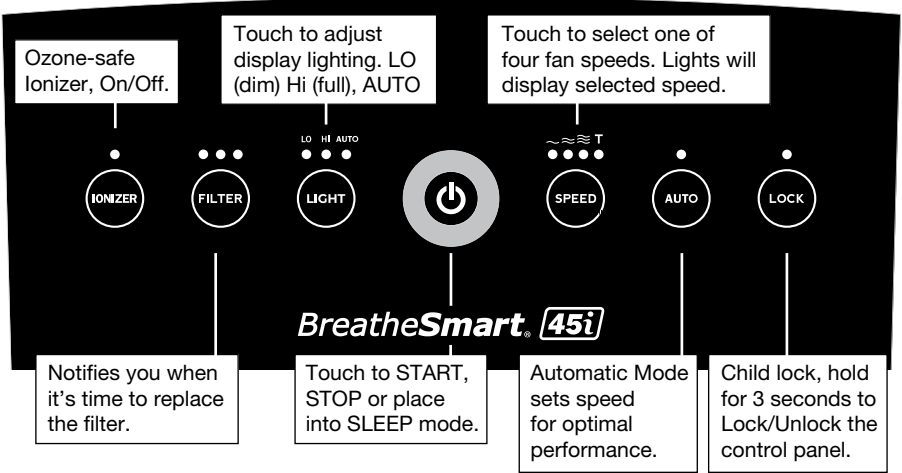
Operating Your Unit:

1. Plug your air purifier into a grounded outlet.
2. Touch the  Power Button in the center to start the air purifier. When your unit is on, the lights will illuminate. To turn off display lighting, press the  Power Button. To turn off the air purifier, touch the  Power Button again after the lights have turned off (within 5 seconds). The LIGHT Button can also be used to control the display lighting.
3. The BreatheSmart 45i has a Color Ring around the  Power Button indicating air quality, as measured by the particle sensor.

COLOR	MEANING
Blue	Excellent - Very low level of airborne particles detected
Green	Good - Low level of airborne particles detected
Orange	Fair - Medium level of airborne particles detected
Red	Poor - Significant level of airborne particles detected
Purple	Very Poor - Very significant level of airborne particles detected

4. Press IONIZER to activate the ozone-safe ionizer. Activation of the ionizer enhances your unit's ability to remove airborne particles (similar to the way dust is attracted to a TV screen). Press the ionizer button again to turn it off.
5. FILTER life Indicator — There are three lights above the FILTER button: Green, Orange, and Red. The Green light will be illuminated for most of the life of the filter. The Orange light will come on shortly before your filter should be replaced. This is the ideal time to order a new filter. The Red light will be illuminated when it is time to replace the filter.
 - The filter light will reset to Green automatically when the old filter is replaced by a new one.
 - The color ring and filter light blinking red indicates an unknown filter type. A genuine Alen filter is required for the unit to appropriately operate. If you are using a genuine Alen filter and the lights are blinking red, please contact Alen customer service.
6. Sleep Mode – Press the  Power button once to place the unit into Sleep. It will continue to work, but the lights will turn off. To wake the unit from Sleep, press any button.

Identification of Parts – BreatheSmart 45i_V2 Control Panel



KNOW YOUR AIR PURIFIER

Getting Started

When using the air purifier for the first time, we recommend that you use a higher fan speed, such as speed three (3) or Turbo (T), for at least two hours to quickly clean the room's air. Then, we recommend that the air purifier run continuously on speed two (2) or three (3) to maintain air quality, or set your unit to Auto mode.

BreatheSmart 45i V2 Features

- HEPA filtration media captures, dust, allergens, and airborne pollutants.
- Four fan speeds to control air circulation.
- Three settings to control display lighting.
- Filter change indicator light keeps replacements on schedule.
- Simple and intuitive touch button controls.
- Auto-off safety feature when front cover is removed.
- LIGHT button with AUTO setting, senses light levels and dims or turns off lights in a darkened room.
- Alen Air app connects the air purifier to Wi-Fi via Bluetooth. Using your Android or iOS phone, the mobile app provides the ability to control your unit remotely and monitor PM2.5, CO2, TVOC, TEMP and HUMIDITY in your space. (Download the Alen Air app on the Apple App Store or Google Play Store.) Follow the instructions in the app for adding your purifier.
- Wi-Fi connection: Alen uses a dual band Wi-Fi module to connect the purifier via Bluetooth to the Alen Air app.
 - To start Wi-Fi connection via Bluetooth: Press the Auto button for 5 seconds. You will see the Wi-Fi symbol start blinking.
 - To override Wi-Fi connection: Long press the Auto button until it starts blinking. This will reset the purifier to its original factory settings.
 - To stop Wi-Fi connection: Long press the Auto button until it starts blinking, then pull the front panel off the purifier. Wait 5-10 seconds and put the panel back on the purifier.
 - At any time, you can remove your provisioned purifier from the Alen Air app and request your account be removed from the system.

Turn The Lights Off/On

To turn the lights off on your unit, touch the  Power Button. The lights will go out, but the unit will not turn off. Touch any button to turn the lights back on or touch the  Power Button a second time within 5 seconds of the first button touch to turn the unit off completely. You can control your lights by touching the LIGHT button and choosing between LO, HI, AUTO. AUTO adjusts control panel lights based on the ambient light level, dimming or turning off the lights.

CARE & MAINTENANCE

Cleaning Instruction

To avoid scratching the control panel, do not use abrasive/caustic cleaning solutions or scrubbing pads. With the unit unplugged, dampen a clean towel lightly with soap and water to clean the control panel, then dry gently with a soft cloth or paper towel. Glass cleaner (e.g. Windex) is also OK. To avoid damaging electronic components, DO NOT allow liquid to seep into the unit.

Prefilter Cleaning

The mesh layer on the front of the filter, known as the prefilter, captures large dust and hair. This prefilter can be vacuumed to maintain efficient operation of the unit.

Replacing The Filter

The Filter Indicator has three lights: Green, Orange, and Red. The Green light will be illuminated for most of the life of the filter. The Orange light will come on shortly before your filter should be replaced. You may order a new filter at www.alen.com/filters or by using the Alen Air mobile app. The Red light will be illuminated when it is time to replace the filter.

The filters used in Alen Air Purifiers are not designed to be washed, cleaned, or otherwise reused. Over time, the filters become overloaded with particles, decreasing their filtration performance. We recommend regular filter replacements to extend the life of your air purifier and maximize performance.

Your filter is equipped with an RFID tag. For operation, a genuine Alen filter must be used and it must be installed with the pull loop at the top (see How to Replace the Filter on the following page). If the filter is not installed right side up or if a non-Alen filter is used, the color ring will flash red and the unit will have limited function. After several days it will no longer function. Once the genuine Alen filter is installed correctly, normal function will resume.

Why You Should Replace Your Filter

- You purchased an Alen Air Purifier to improve the quality of your indoor air.
- Changing your filters on time is the only way to maintain an optimal level of air quality.
- Excessively dirty filters can compromise the level of clean air your air purifier can provide.

ALEN'S FILTER SUBSCRIPTION PLAN — Pure Air Made Simple

Regular replacement of your filter will extend the life of your air purifier and keep your air clean. Alen filters provide efficient filtration depending on usage and conditions. With Alen's convenient Filter Subscription Plan, your filters will be shipped right to your door, exactly when needed.

- 9 to 12 months for the Pure filter
- 6 to 8 months for all other filter types

With Alen's convenient Filter Subscription Plan, your filters will be shipped right to your door, exactly when needed.

Savings — Save 10% over retail and get FREE SHIPPING on every filter.

Convenience — Choose your desired shipping frequency and never run out of filters.

Superior Coverage — Alen's exclusive Forever Guarantee begins when you complete Product Registration and activate your Filter Subscription.

To get started, simply visit www.alen.com/activate email us at service@alen.com.

How To Replace The Filter

1. Insert the filter with the pull loop labeled “TOP” facing you and at the top.
2. Place the used filter in a plastic bag to prevent dust from re-entering the air.



1. To remove cover, pull firmly on the cover near the top of the intake vents with both hands to release the magnets.

2. After pulling the cover out, lift it away from the unit.

3. Remove the used filter by pulling out on the ribbon loop. Place the used filter in a plastic bag to prevent dust from re-entering the air.



4. **Take the new filter out of the plastic bag** and insert it into the purifier with the tab facing outward.

5. Insert the bottom hooks on the front cover first and then the upper part of the cover will snap into place.



WARNING! RISK OF ELECTRIC SHOCK - To reduce risk of electric shock, do not perform any servicing other than that contained in the operating instructions.

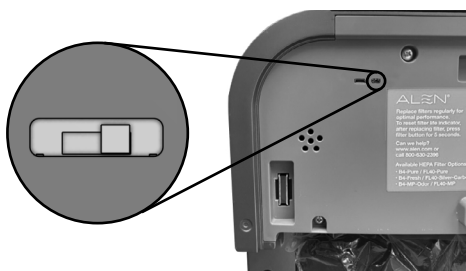
TROUBLESHOOTING TIPS

Can I clean the filter?

The mesh (screen) layer on the front of the filter, known as the prefilter, captures large particulates and hair, and can be vacuumed. No other layers or parts of the filter can be washed, cleaned, or otherwise reused. Please replace the filter regularly to maintain optimal performance.

My Wi-Fi symbol is blinking red.

Use a pen or toothpick and toggle the tiny switch to the right side. Toggling this switch to the left position cuts off Wi-Fi signal transmission.



I have an issue not listed in this manual.

Please visit www.alen.com, send us a message at service@alen.com. A customer service representative will respond to your inquiry in a timely manner.

What information do I need when I contact customer service for warranty?

Please refer to the rating label on the back of the unit. This rating label has your unit's serial number and other important information we need to assist you.

WARRANTY AND EXTENDED COVERAGE

Please visit <https://alen.com/foreverguarantee> for all warranty information. For any questions, please contact customer service by email at service@alen.com.

REGULATORY INFORMATION

FCC Statement

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.

Warning

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

NOTE: 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 installation. 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC/ISED RF Exposure Information: This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Canada

This Class B digital apparatus complies with Canadian ICES-003.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FCC/ISED Informations sur l'exposition RF: Ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.



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