

ALEN<sup>®</sup>  
PURE AIR FOR LIFE



# Alen BreatheSmart FIT50 HEPA Air Purifier

USER MANUAL



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## AIR PURIFIER SAFETY

Provided in this manual are 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 or heaters.
- Do not block air vent openings or place air purifier on a soft surface such as a bed or sofa.
- Never insert fingers or foreign objects into air grills or vents.
- Operate indoors only.

**Electrical and Safety Requirements** — Reduce your risk of fire or electrical shock. Failure to follow these instructions can result in death, fire or electrical shock.

- Do not connect unit to any electrical socket that is damaged.
- Ensure filter is correctly installed before turning on unit. Do not run the unit without a filter
- Always turn off the air purifier before unplugging.
- Do not use next to a source of heat, such as a range, heater or dryer.
- Do not use near a bath, shower, swimming pool or where a unit can get wet.
- Do not plug the air purifier into an outlet controlled by a dimmer switch.
- Do not use in a window.
- Unplug air purifier before servicing.
- Do not use an adapter. Do not use an extension cord.
- Always unplug the unit before changing the filter.
- Do not cover the unit or impede air flow.
- Change your filter at the recommended interval, so excess dust and particles do not build up.
- Do not exceed the rating of the power outlet or connection device. May cause electric shock or fire due to excess heat generation.
- Do not insert or pull out plug with wet hands, it may cause electric shock.
- Never try to take apart or repair the unit by yourself.
- Disconnect the power if strange sounds, smell or smoke comes from it.
- Do not try to change the filter during operation.
- Do not drop the unit, as this can result in damage.
- Do not place heavy objects on the power cord and take care so that the cord is not compressed as there is danger of fire or electric shock.
- Do not climb up or sit on the unit. You may be injured if you fall or if the unit falls over.
- Do not spray insecticides or any other flammable sprays near the machine. It may cause explosion or fire.
- Use only in the proper electrical socket type. Socket type (voltage & hertz) can be found on the product sticker on the side or bottom of the unit. Plugging the unit in to the incorrect socket type can damage/destroy the unit.
- **WARNING!** To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

# USING YOUR AIR PURIFIER

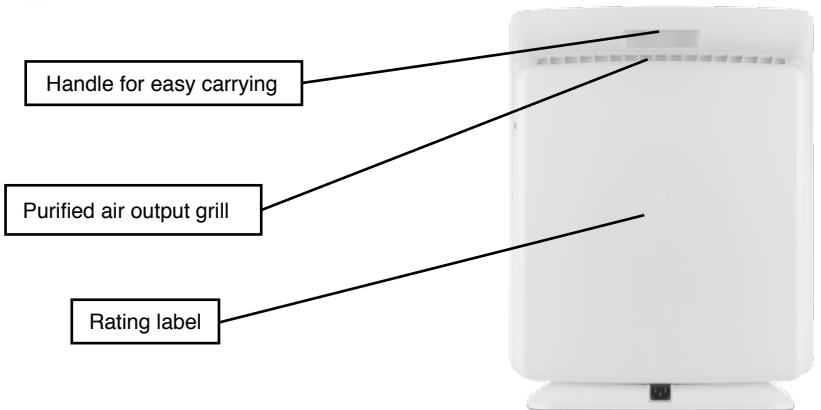
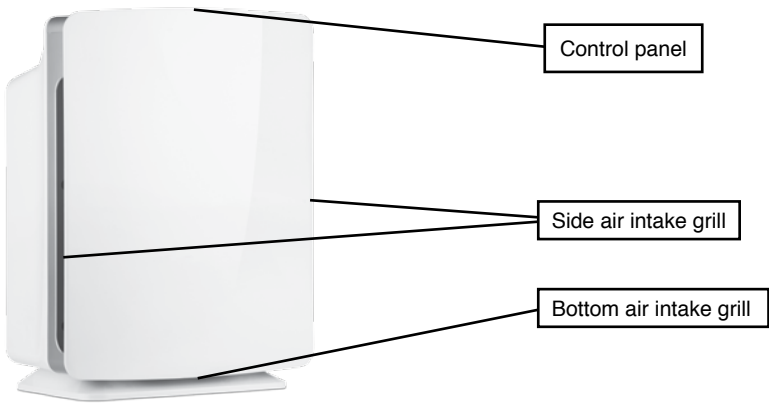
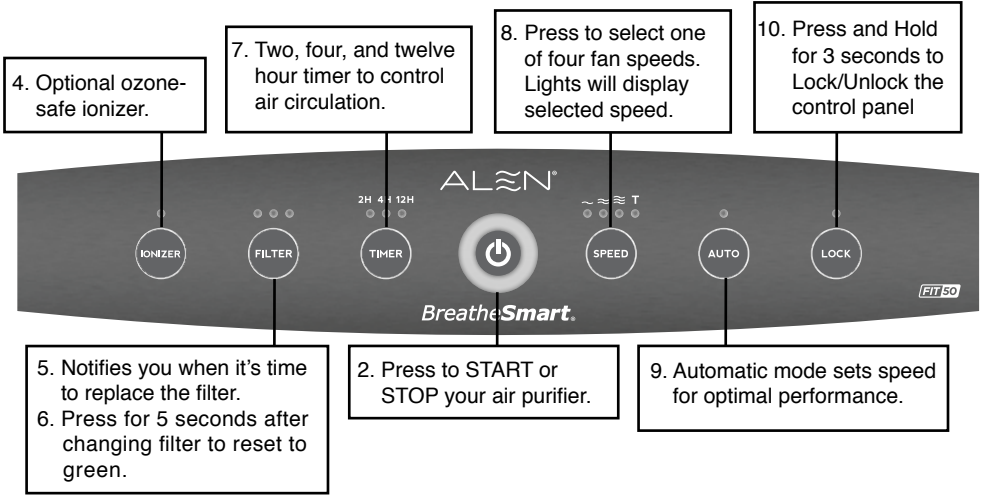
## Operating Your Unit:

1. Plug your air purifier into a grounded outlet.
2. Press  Power Button in the center to start the air purifier. When your unit is on, the lights will light up. To turn off the lights on your unit, press the  Power Button. To turn off the air purifier, press the  Power Button again after the lights have turned off.
3. The Colored Light around the  Power Button indicates the air quality being measured by the particle sensor.

Color	Meaning
Blue	Low quantity of airborne particles detected
Yellow	Moderate quantity of airborne particles detected
Red	Significant quantity of airborne particles detected

4. Press ION to activate the ozone safe ionizer. Activation of ION enhances your unit's ability to remove airborne particles (similar to the way dust is attracted to a TV screen). Press ION again to turn off.
5. FILTER Indicator — The Filter indicator has 3 lights: Green, Yellow and Red. The Green light will be illuminated for most of the life of the filter. The Yellow 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.
6. After changing the filter, hold the FILTER button down for 5 seconds. The Red light will be reset to Green.
7. Press TIMER to have the air purifier run for a set amount of hours (either 2, 4 or 12) before turning off.
8. Press SPEED and watch the indicator lights until desired fan speed is achieved. Most users prefer to use the air purifier on speed 2 or 3 to balance cleaning speed and noise. If you suspect the air is particularly dirty, you should set the speed to T (Turbo).
9. Press AUTO to set the unit on Automatic Mode. Automatic Mode will use the SmartSensor Technology to adjust the speed of the unit depending on the amount of particles present in the air.
10. Press and Hold LOCK for 3 seconds to Lock/Unlock the Control Panel.

**Identification of Parts (numbers correspond with directions on previous page):**



# KNOW YOUR AIR PURIFIER



When using the air purifier for the first time in a room, we recommend that you use a higher fan speed like speed three (3) or Turbo (T), for at least two hours in order to clean the room's air initially. Then, we recommend that the air purifier run continuously on speed two (2) or three (3) or be set on automatic mode.

## Features

- HEPA style filtration captures dust, allergens and airborne pollutants
- Ionizer charges smaller particles, causing them to clump together for improved filtration
- 4 fan speeds with a 2, 4, & 12 hour timer to control air circulation
- Automatic mode sets speed for optimal performance
- Filter change indicator light keeps replacements on schedule
- Simple and intuitive touch button controls
- Auto-off safety feature when front cover is removed
- Filter designed for easy replacement

## CARE & MAINTENANCE

### Turn The Lights Off/On

To turn the lights off on your unit, press the  Power Button. The lights will go out but the unit will not turn off. Press any button to turn the lights back on, or press the  Power Button a 2nd time to turn the unit off completely.

### Replacing The Filter

The Filter Indicator has 3 lights: Green, Yellow and Red. The Green light will be illuminated for most of the life of the filter. Yellow light will come on shortly before your filter should be replaced. This is the ideal time to order a new filter. You may order a new filter at [www.alencorp.com/filters](http://www.alencorp.com/filters) or by calling 1-800-630-2396. 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.

The black foam layer of the filter, known as the Pre-Filter, captures large dust and hair. This layer is held on with Velcro®. Once removed, the Alen Pre-Filter can be washed or vacuumed to maintain efficient operation of the unit.

### Reset the Filter Indicator

After replacing the filter, hold the FILTER button down for 5 seconds. The Red light will be reset to Green.

## Why You Should Replace Your Filter

- Fulfills the terms of Alen's Lifetime Limited Warranty which states that the filters are required to be changed on a regular basis in order to prevent excessive stress on the unit.
- You have bought an Alen Air Purifier to improve the quality of your indoor air. Changing your filters will maintain the level of air quality you require. Excessively dirty filters can compromise the level of clean air your air purifier can provide.

## Alen's *AutoShip* Filter Plan — Convenience, Pure Air and Savings

Regular replacement of your filter will extend the life of your air purifier and keep your air pure. Alen filters provide efficient filtration for 8 months of heavy usage, and 12 months of moderate usage. With Alen's convenient *AutoShip* Filter Plan your filters will be shipped FREE right to your door, exactly when needed.

**Save** — Get FREE SHIPPING on every filter.

**Convenience** — Your filters are delivered right to your door exactly when needed. Choose your desired monthly frequency and cancel at anytime.

**Lifetime Limited Warranty** — An Alen Auto Ship plan is the convenient way to extend the life of your air purifier and benefit from the Lifetime Limited Warranty.

To sign up and save just visit [AlenCorp.com/filters](http://AlenCorp.com/filters) or call 1-800-630-2396.

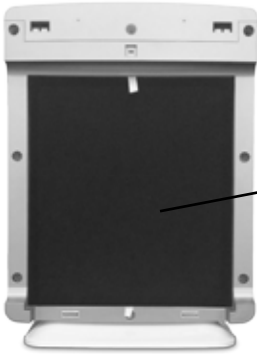
## How To Replace The Filter

1. Always unplug the unit when installing a filter.
2. Distinguish the front side from the back side of the filter. The front side has a foam like Pre-Filter attached with Velcro®.
3. Place the used filter in a plastic bag to prevent dust from re-entering the air.



1. With the unit standing upright, pull out the lower left or right corner of the front cover.

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



3. Remove the used filter by pulling out on the pull strings. 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 air cleaner with the pull strings facing outward.

5. Insert the top tabs of the front cover first and then the lower part of the cover will snap into place.



**WARNING! RISK OF ELECTRIC SHOCK** - These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

### How To Clean The SmartSensor

The SmartSensor uses an infrared light to detect airborne particles. After prolonged periods of use, dust can accumulate on the glass lens and affect the sensitivity of the sensor. If this occurs, your unit will run on the highest speeds when set in Automatic mode and will not come down to the lower speeds even after cleaning the air. To clean the sensor lens, first turn your unit off. Wet the end of a cotton swab with water and wipe the lens with it. Dry the lens with the other end of the cotton swab. For best performance, clean the SmartSensor lens each time you replace your filter.





## TROUBLESHOOTING TIPS

***How do I reset the filter indicator lights? I put in a new filter but the red or yellow lights are still illuminated.***

After changing the filter, RESET the filter indicator by holding down the FILTER button for 5 seconds while the unit is ON. The light above the FILTER button should reset to green.

***My BreatheSmart FIT50 always runs on the highest speeds when in Automatic Mode.***

The BreatheSmart FIT50 unit may not come down from the highest speeds when in Automatic Mode for two reasons: Your air is dirty and still needs to be cleaned, or the SmartSensor lens has dust on it and must be cleaned. See “How To Clean The SmartSensor” on page 9.

***How do I find out what electric specifications my unit needs?***

Please refer to the rating label on the back of the unit. Here you will find your unit’s voltage, hertz, amps and outlet requirements.

***Can I clean the filter?***

The black foam layer of the filter, known as the Pre-Filter, captures large dust and hair. This layer is held on with Velcro®. Once removed, the Pre-Filter can be washed or vacuumed to maintain efficient operation of the unit. No other layers or parts of the filter can be washed, cleaned or otherwise reused. Please replace the filter regularly to maintain optimal performance.

***I have an issue not listed in this manual.***

Please visit [www.AlenCorp.com](http://www.AlenCorp.com) and send us a message or call 1-800-630-2396 during business hours. 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 lot code and other important information we need to assist you.

## LIFETIME LIMITED WARRANTY

**What is covered?**

Alen offers the industry’s first LIFETIME LIMITED WARRANTY program for all our air purifiers. We warrant your Alen Air Purifier to be free from defects in materials or workmanship for as long as you own it. Register your Alen Air Purifier at [www.alencorp.com/register](http://www.alencorp.com/register).

**What will Alen do?**

Alen will, at its option, either furnish a replacement part or replace your air purifier provided the product is determined by Alen to be defective as a result of faulty material or workmanship

while in normal use. Replacement parts or units will, at Alen's option, be either new or refurbished. Alen's sole obligation under this warranty is to replace defective parts or replace your air purifier free of charge. All parts or units that are replaced become the property of Alen.

### **How to get service?**

This warranty will be valid only for units in possession of the original purchaser. Proof of purchase must be presented to Alen's warranty service representative. To help us validate your warranty, we encourage you to register your Alen Air Purifier at [www.alencorp.com/register](http://www.alencorp.com/register).

To obtain warranty service, complete our online form or call 1-800-630-2396. The defective product or part must be shipped or delivered to Alen's authorized service center. All postage, insurance and shipping charges are the responsibility of Alen and included in this warranty.

### **Your Lifetime Limited Warranty program remains In effect only if:**

Your Alen Air Purifier is operated in accordance with the instructions provided in the Alen user manual. This includes replacing the filter at least once a year to prevent excessive stress on the motor.

Your Alen Air Purifier is connected to a proper power supply (see voltage label on unit).

Your Alen Air Purifier shows no evidence of tampering, mishandling, neglect, accidental damage, modification, and/or repair by anyone other than authorized Alen service personnel.

Ownership of the air purifier has never been transferred.

### **DISCLAIMERS/LIMITATIONS**

ALEN'S LIFETIME LIMITED WARRANTY IS VALID ONLY FOR THE ORIGINAL PURCHASER AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE. ALEN'S SOLE LIABILITY WITH RESPECT TO DEFECTS IN MATERIALS AND WORKMANSHIP IN THE AIR PURIFIER SHALL BE, AT ALEN'S OPTION, TO FURNISH REPLACEMENT(S) OF THE DEFECTIVE PART(S) OR REPLACE THE AIR PURIFIER ON THE BASIS DESCRIBED ABOVE. ALEN WILL NOT INSTALL ANY REPLACEMENT PARTS IT PROVIDES OR PROVIDE LABOR WITH RESPECT TO THE SAME. EXCEPT AS STATED IN THE IMMEDIATELY PRECEDING SENTENCE, ALEN SHALL HAVE NO LIABILITY, WHETHER UNDER A CAUSE OF ACTION IN TORT, STRICT LIABILITY, CONTRACT, OR OTHERWISE, TO ANY PERSON FOR ANY CLAIM, INJURY, LOSS, DAMAGE OR EXPENSE (INCLUDING ANY DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE OR EXEMPLARY DAMAGES) IN ANY WAY ARISING OUT OF OR RELATING TO THE AIR PURIFIER OR ITS USE BY ANY PERSON.

SOME STATES DO NOT ALLOW LIMITATIONS ON AN IMPLIED WARRANTY OR HOW LONG AN IMPLIED WARRANTY LASTS, SO ANY SUCH LIMITATION IN ALEN'S LIFETIME WARRANTY MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL OR OTHER DAMAGES SO ANY SUCH EXCLUSIONS OR LIMITATIONS IN ALEN'S LIFETIME WARRANTY MAY NOT APPLY TO YOU. ALEN'S LIFETIME LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.



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