



Air Purifier

Model BP-PRO-600

Medical Grade Professional
Air Purification for Your
Home and Workspace



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Breathe⁺
by G6 Materials

Dear Customer,

Thank you for purchasing the Breathe+ Pro Air Purifier.

To facilitate the installation and use of this product, we recommend that you carefully read this manual and keep it stored in a safe place. To ensure that you always enjoy fresh air, use this manual for qualified and standardized installation, proper use and maintenance.

If any questions arise from the product's use, please consult this manual. We also welcome any comments or suggestions that you may have about our products and services. Refer to the contact information at the end of the manual.

Yours truly,
BreathePlus Team

Contents

Performance Index	01
Product Features	02
Product Design	03
Installing the Filter	04
Function Description	05
How to use	08
During Installation	09
Warnings	10
Cleaning and Maintenance	13
Packing list	15
Troubleshooting	16

Performance Index

Product Name	Breathe+ Pro
Product Model	BP-PRO-600
Voltage/Frequency	AC 110 V, 50/60 Hz
Rated Power	90 W
Noise	≤69 dB(A)
Amount of Particulate-Cleaned Air (CADR)	350 cfm
Amount of Formaldehyde-Cleaned Air (CADR)	350 cfm
Applicable Area	450~775 sq. ft.
Suggested Period to Replace Filters	HEPA Filters - 3 months
Net Weight	24 lbs
Product Measurements	19" x 10.6" x 28"
Method of Cleaning	Pre-Filter Activated Carbon High Efficiency HEPA Filter

1. This product can be used by children aged 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been provided with supervision or instruction concerning the safe use of this product and understand the hazards involved.
2. Product cleaning or maintenance shall not be conducted by children without supervision.
3. If the supply cord is damaged, then it must be replaced by the manufacturer, its designated service agent or similarly qualified persons.
4. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

Product Features

Pre-Filter

The product's primary filtration system uses a mesh filter located in the pre-filter. It is mainly used for filtering dust larger than 5 microns, including large dust particles, dander, pollen, floating debris and other pollutants. It can be washed and used repeatedly.

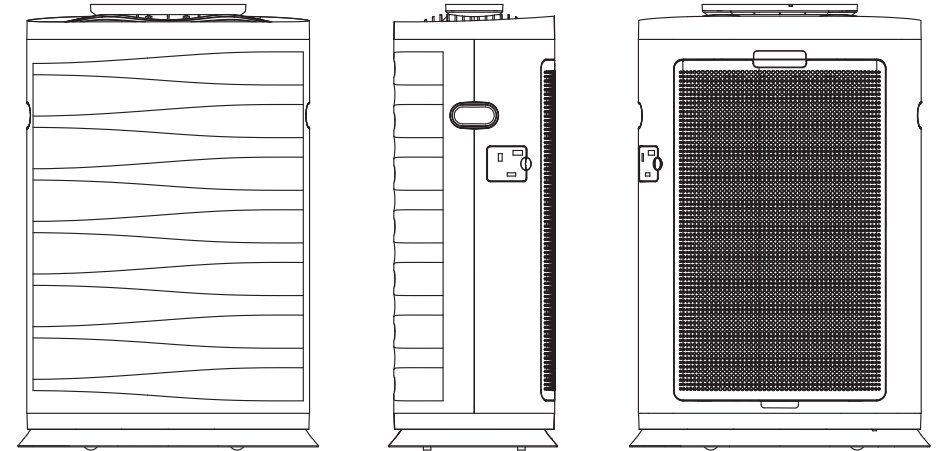
High-Efficiency HEPA Filter

The high-efficiency HEPA filter captures airborne germs, smoke and dust particles 0.3 microns in size, at a rate of 99% or more. In combination with the multifunctional filter, the HEPA filter can capture microscopic particles larger than 20 nanometers in diameter, including bacterial mold, dust, allergens and some viruses, while also filtering out smoke.

Activated Carbon Filter

Activated carbon traps odor-causing volatile organic compounds like formaldehyde from the air. Activated carbon is a porous material, which means that molecules like formaldehyde and other Volatile Organic Compounds get adsorbed to it, eliminating them from the air. These compounds mostly come from paints, newly installed furniture and carpets, as well as cooking.

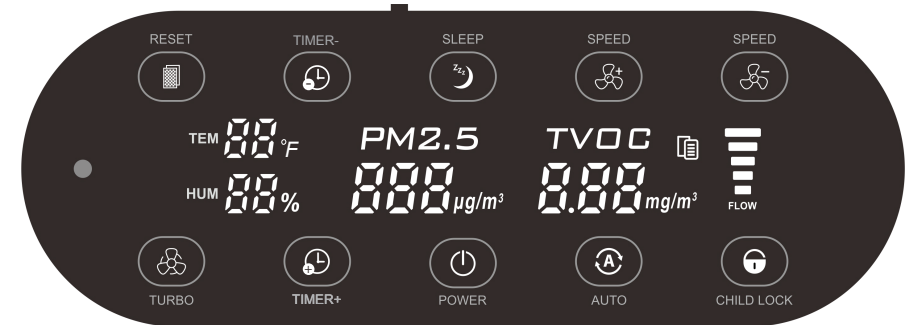
Product Design



Front cover

Side cover

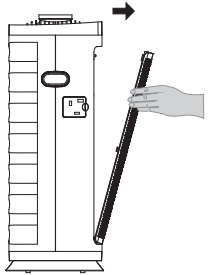
Back cover



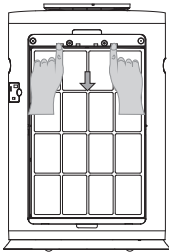
Installing the Filter

1. Remove the filter from the plastic bag.

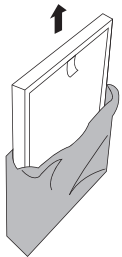
A. Remove the front cover.



B. Remove the pre-filter and take out the filter.

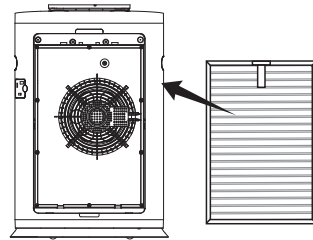


C. Take the filter out of the plastic packaging.

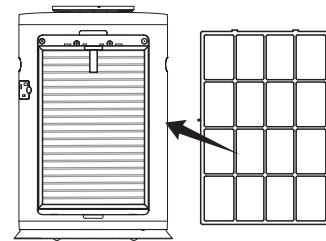


2. Install the filter and front cover.

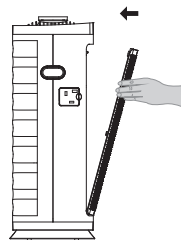
A. As there are differences between the inside and outside of the dust filter, the side with the handle must always face outwards.



B. As there are differences between the inside and outside of the front filter (pre-filter), the side with the handle must always face outwards.



C. Re-install the front cover.



Function Description

1. Power On



When the product is first plugged in, pressing the "POWER" button once will turn it on. After the "POWER" button is pressed for the second time, the product will switch to standby mode. (Attention: the power icon is red when in "standby" mode and is orange when in "on" mode.)

2. Mode Selection



The "AUTO" button will switch the air purifier into the Automatic Mode. In the automatic mode, the fan speed will change according to the air quality sensor's data. (The icon will be on when the product is in auto mode, otherwise it will be off.) Attention: if the user changes the fan speed under the auto mode, the unit will automatically exit auto mode.



The "TIMER+" button will increase the timer by 1 hour. The "TIMER-" button will reduce the timer by 1 hour. When the timer runs out, the machine will go in standby mode. (The icon will be on when the unit is operating in timer mode, otherwise it will be off.)



The "TURBO" button sets the highest fan speed. To turn turbo mode off, simply press the button once more. (The icon will be on when the unit operates in turbo mode; otherwise it will be off.)



This product has a filter change reminder function. After approximately 1,500 hours of use, the indicator light on the panel will light up to remind the user to replace the filter. To reset the timer, simply hold the button until it resets.



Sleep

When "SLEEP" mode is enabled, the control panel and LED lights turn off. If the timer function is on, then the purifier will turn off at the predetermined time. Note: when in "Auto" mode, if the environment is dark and is less than 5- 10 lumens, the unit will automatically enter "SLEEP" mode. If the environment is brighter than 10 lumens, then the unit will exit "SLEEP" mode.



Child-lock

The "Child-Lock" button locks all buttons. While enabled, no buttons will respond to being pressed. To disable, hold the "Child-Lock" button for 5 seconds. (While in child-lock mode the "Child-Lock" icon will be on; otherwise it will be off.)



fan speed

When the product is on, press "+" or "-" icons to change the fan speed. After the speed is changed, the motor will only operate at the selected speed without being affected by the sensor.



3. Display function description



The PM2.5 sensor measures concentration of particles larger than 2.5 microns in the air. When turned on, allow 1 minute for the sensor to calibrate. When the timer is on, the "µg/m³" icon in the lower right corner is not displayed.



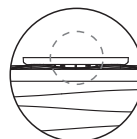
Screen

When the measured usage totals 1500 hours, the filter needs to be replaced and the icon will turn on to remind the user. The display indicator light will flicker for three minutes and then the icon will remain on continuously until the filter is changed. The icon light will not illuminate before the total usage reaches 1500 hours.



Fan speed

The Fan Speed icon's lines correspond to the fan's speed intensity, from the bottom to the top. Each line represents a fan speed. The highest speed is five.



Air Quality Operating Light Indicator and Fan Speeds:

Green: Excellent AQI:

TVOC = 0 - 1.00; PM2.5 = 1 - 70 (Fan Speed 1)

Blue: Good AQI:

TVOC = 1.01 - 2.00; PM2.5 = 71 - 180 (Fan Speed 2)

Yellow: Acceptable AQI:

TVOC = 2.01 - 3.00; PM2.5 = 181 - 300 (Fan Speed 3)

Red: Poor AQI:

TVOC = < 3.01-5.00; PM2.5 = < 301 - 999 (Fan Speed 4)

Turbo mode (Fan Speed 5)

4. Shutdown



Power

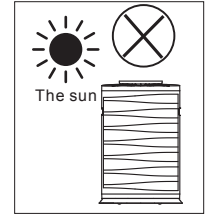
If on, pressing the "POWER" button will put the machine into standby mode.

How to Use:

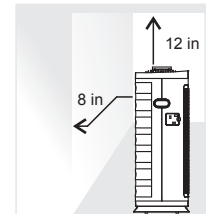
1. Auto mode: When the machine is plugged in, press the "POWER" button and then the "AUTO" button in that sequence. Then the unit will operate under the sensor's control. The fan's operating speed will adjust automatically based on the data collected by the sensor. This mode is suitable for most situations.
2. Manual mode: When the product is plugged in, press the "POWER" button. Then press the "FAN SPEED" button to manually select the speed. This mode is suitable for situations where manual purification is needed. Note: in manual mode the product will not automatically adjust the fan speed.
3. Night mode: In this mode, when the "SLEEP" button is pressed the product operates at the quietest fan speed level to limit the amount of noise. (In Auto mode, the unit will switch to Night mode when the environment becomes dark)
4. Timer mode: In the three modes mentioned above, after the "TIMER" button is pressed and the amount of time is set, the unit will begin the countdown sequence. Once the amount of time set expires, the unit will turn off.
5. Child-Lock mode: All buttons on display panel and remote control will be locked while in this mode. To exit this mode, press the "CHILD-LOCK" button for 5 seconds or press the "UNLOCK" button on the remote control.

During Installation

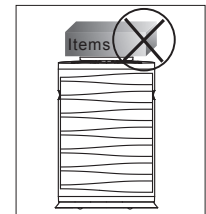
1. Do not place the product in direct sunlight, facing air vents or sources of heat. This may cause the unit to warp, deteriorate, discolor or malfunction.



2. For the best performance, the product must be placed on the floor. The unit has an automatic tilt sensor, that shutsdown the device when tipped over. Thus, we recommend placing the product on a flat surface.

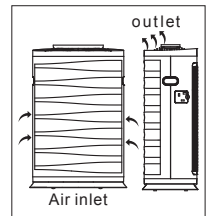


3. For effective room circulation, place the product approximately 12 inches or more away from walls or other objects. Please keep the back side of the unit at least 8 inches away from the wall for it to work more effectively.



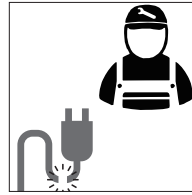
4. Do not place anything on the product or it may lead to a malfunction. Be especially careful not to place magnets or any other metal items on the unit.

5. Do not block the exhaust vent or supply vent. Do not place any objects on top of the exhaust vent or in front of the supply vent.

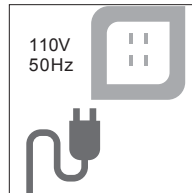


Warnings

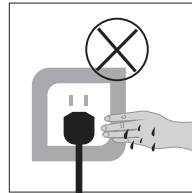
1. Do not pick up or move the product while it is running. When moving or storing the unit, do not pull the power cord. This may cause a short circuit or do internal damage to the power cord, which may lead to a fire or cause an electric shock.



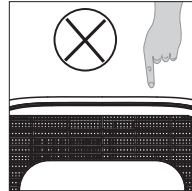
2. Do not damage the power cord or the prongs. Do not cut, excessively twist, pull or bend the power cord. If the power cord is damaged, please call the manufacturer, its authorized service agent or a trained and certified third-party service professional to replace it.



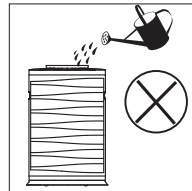
3. Do not use power supplies, universal sockets, splitters or other connective devices that exceed or otherwise violate the product's recommended power rating. Use only 110V~ 5A AC power. Using a universal socket or connected power source that exceeds this rating could lead to overheating and may cause a fire.



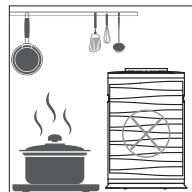
4. Do not touch the plug with wet hands. This may result in an electrical shock.



5. Do not place your fingers or metal objects into the air vents. This may cause an electrical shock or a physical injury.

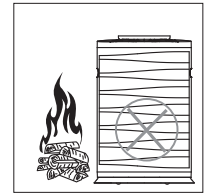


6. To avoid an electrical shock or fire, do not allow water, flammable cleaners or other liquids enter the unit.



7. This product cannot be used to replace ventilation equipment, vacuum cleaners or kitchen fans.

8. Make sure the remote control is placed in a location where children cannot reach it, to avoid unintended damage.



9. Do not place in the following locations:

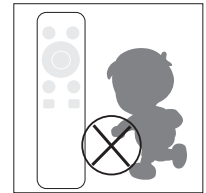
- Unstable places: this may cause the product to topple or fall over, which may lead to injury, electrical leakage or fire.
- Hot or humid places, such as near the shower: this may result in an electrical shock or fire.



10. Do not use the product in a room that is using an chemical-based insect killer.

- Chemical residue may accumulate in the product and then be released, which could cause harm to the user's physical health.

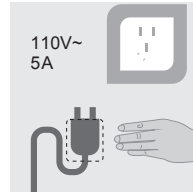
- After using any incense-based insect killers or mosquito coils, the user must allow the room to be fully ventilated before using this product.



11. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

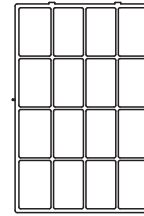
Safety Precautions

1. Should any of the following conditions occur (which may also occur along with electrical shock, sparks or smoke), turn off the product immediately:
 - Strange noises or vibrations occur during operation; or
 - Product is unusually hot or has a burnt odor.
2. Please clean the product's power cord and plug prongs regularly. The presence of dust or moisture could damage the unit, which may result in a fire. Accordingly:
 - Unplug the power cord and wipe it with a dry cloth; and
 - Unplug the power cord if the product is not being used for a long period of time.
3. Before conducting any electrical maintenance make sure to unplug the device.
 - The product may inadvertently or suddenly turn on during electrical maintenance, which could lead to electrical shock or injury.
4. Plug the power cord securely into a power outlet. If the power cord is not securely plugged in, then this may cause overheating and lead to an electrical shock or fire.
 - Do not use a damaged, loose or otherwise unsuitable power outlet.
5. Unplug the power cord by pulling the plug insulator.
 - Pulling the power cord to unplug the product may cause damage to the power cord or cause an electrical shock, short circuit or fire.
6. Should any of the following circumstances arise, please unplug the product immediately and contact the manufacturer's service department, its authorized service agent or a trained and certified third-party service professional:
 - a switch does not work;
 - the power cord or plug is unusually hot;
 - any abnormal sound or vibration is observed; or
 - any other abnormalities or malfunctions are detected.
7. To prevent the hazard of an electrical shock, do not disassemble the product.



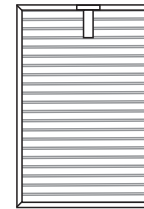
Cleaning and Maintenance

1. Pre-Filter (approximately twice per month):



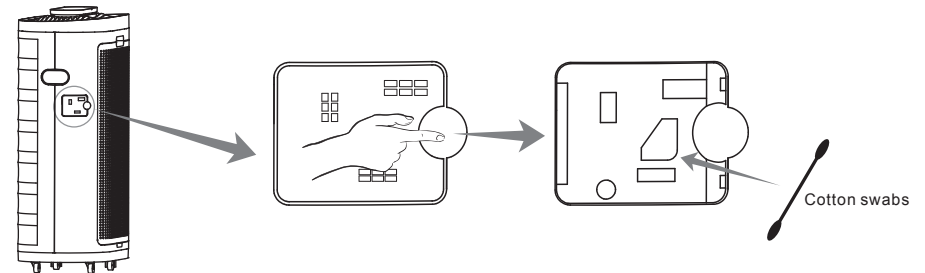
- Clean the surface of the pre-filter with a vacuum cleaner or wash with water. Allow to dry thoroughly.

2. High-efficiency H13 HEPA filter (if operating in high dust environment):



- Clean dust from the front of the HEPA filter with a vacuum cleaner.
- The HEPA filter is delicate so do not press hard on the filter while vacuuming.
- Do not use water to clean the HEPA filter.

3. Particulate sensor (approximately once every two months):



- Wipe the lens with a dry cotton swab periodically to remove any dirt. (Moisture or tobacco smoke residue may cause it to not work properly). Specifically, remove the particulate sensor cover and use a dry cotton swab to wipe the lens.
- Do not insert any cotton swabs into any product area, other than as instructed above. - Be sure to unplug the power cord.
- If the user is unable to see clearly, use a secondary light source.

Friendly Reminders

- Before cleaning and maintenance, unplug the power cord.
- Do not operate the product without a filter. Any dust taken into the product without a filter in place may cause malfunction.
- Unplug the product when not using it for a long period of time. The user should also be aware that power is consumed while the product is in standby mode.
- The filter may need to be replaced sooner than scheduled depending on where and how the product is used. Replace the filter if its effectiveness is no longer noticeable.

Packaged List

Air Purifier Unit	1PCS
Remote Control	1PCS
H13 HEPA filter	1PCS
Pre-filter	1PCS
Instructional Manual	1PCS

Troubleshooting

Malfunction	Inspect / How to fix
Cannot turn on power or pressing any button yields no response.	<ol style="list-style-type: none"> 1. Is the power cord plugged in? Plug in the power cord. 2. Front cover? Close the front cover. 3. Is the product placed vertically on the ground? Place the product on a flat surface. 4. Is the product in child-lock mode? When "Child-Lock" appears on the display, hold the lock/reset button for 5 seconds to turn off and exit the child-lock mode.
<ol style="list-style-type: none"> 1. The air is dirty, but the air pollution indicator is green. 2. The air pollution indicator remains red even when continuously running. 	<ol style="list-style-type: none"> 1. Is the purifier in a place that cannot easily absorb the dirty air (i.e. dust)? Try moving it somewhere else. 2. Is the particulate sensor dirty? Clean the particulate sensor as per the instructions contained herein.
The smell of the exhaust vent is unpleasant.	<ol style="list-style-type: none"> 1. Is the filter dirty? Clean the filter. 2. Has the filter been replaced recently? Replace the filter.
The product doesn't automatically enter sleep mode at night.	Is the product in manual mode? Press the "AUTO" button on the panel to ensure that the unit is operating in auto mode.
The product has been running for a long time but there is no significant improvement in air quality.	<ol style="list-style-type: none"> 1. Was the plastic bag on the filter removed? Remove the plastic bag from the filter before use. 2. Are the filters installed correctly, each in the right direction? Check the filters for correct installation.
The filter alarm lamp is on.	<p>It indicates that it is time to change the filter based on the preset value of reaching 1,500 hours of usage.</p> <p>When you replace the filter, press the "RESET" button for a long time to reset the product.</p>