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› PuroAir 400 HEPA Air Purifier Instruction Manual

## PuroAir PuroAir 400

# PuroAir 400 HEPA Air Purifier Instruction Manual

Model: PuroAir 400

Brand: PuroAir

## 1. INTRODUCTION

Thank you for choosing the PuroAir 400 HEPA Air Purifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air purifier. Please read this manual thoroughly before use and retain it for future reference.

The PuroAir 400 is designed to improve indoor air quality by filtering up to 99.9% of common airborne pollutants, including dust, pollen, smoke, pet dander, and Volatile Organic Compounds (VOCs). It features a powerful 3-layer filtration system and is suitable for large rooms, covering up to 2,000 sq ft.

## 2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, please observe the following safety precautions:

- Always unplug the air purifier before moving it, opening the grille, changing filters, or performing any cleaning.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Use the air purifier only for its intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Do not use outdoors.
- Do not place the air purifier near heat sources such as stoves, radiators, or direct sunlight.
- Do not immerse the air purifier in water or other liquids.
- Keep the air purifier out of reach of children and pets.
- Ensure the air inlet and outlet are not blocked during operation.
- This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to 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 a qualified electrician. Do not attempt to defeat this safety feature.

### 3. PRODUCT OVERVIEW

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#### 3.1 Components

The PuroAir 400 air purifier consists of the main unit, a multi-layer filter, and a power cord.



Figure 3.1: Two PuroAir 400 Air Purifiers. These units are designed for efficient air purification in large spaces.

#### 3.2 Control Panel

The control panel is located on the top of the unit and features various buttons and indicators for operation.



Figure 3.2: Control Panel of the PuroAir 400. This panel allows for easy control of the unit's functions.

- **Power Button:** Turns the unit On/Off.
- **Speed Button:** Adjusts fan speed (Low, Medium, High, Auto).
- **Timer Button:** Sets operation time (e.g., 2H, 4H, 8H).
- **Sleep Mode Button:** Activates quiet operation for nighttime use.
- **Filter Reset Indicator:** Illuminates when filter replacement is needed.
- **Air Quality Indicator:** Displays current air quality (e.g., Green for Good, Yellow for Moderate, Red for Poor).

## 4. SETUP

### 4.1 Unpacking

1. Carefully remove the air purifier from its packaging.
2. Remove all packing materials, including any tape or protective films.

3. Verify that all components are present and undamaged.

## 4.2 Filter Installation

The PuroAir 400 comes with a multi-layer filter that needs to be unwrapped before first use.



Figure 4.1: PuroAir 400 Multi-Layer Filter. This filter is crucial for effective air purification.

1. Locate the filter compartment cover, typically on the back or side of the unit.
2. Open the cover and remove the sealed filter.
3. Remove the plastic packaging from the filter.
4. Insert the filter back into the compartment, ensuring it is correctly oriented.
5. Close the filter compartment cover securely.

## 4.3 Placement

For optimal performance, place the air purifier on a flat, stable surface in the room where air purification is desired. Ensure there is adequate space around the unit (at least 6 inches) for proper air circulation.



Figure 4.2: Optimal Placement for the PuroAir 400. Position the unit to allow for maximum air intake and output.

#### 4.4 Power Connection

Plug the power cord into a standard electrical outlet. The unit is designed for 110V operation in the USA. If using in regions with different voltage, ensure a compatible voltage converter is used.

### 5. OPERATING INSTRUCTIONS

#### 5.1 Powering On/Off

- Press the **Power Button** once to turn the air purifier ON. The unit will start in Auto mode or the last used setting.
- Press the **Power Button** again to turn the air purifier OFF.

#### 5.2 Adjusting Fan Speed

- Press the **Speed Button** repeatedly to cycle through fan speed settings: Low, Medium, High, and Auto.
- In **Auto Mode**, the air purifier's smart particle sensor will monitor air quality and automatically adjust the fan speed based on

detected pollutant levels.

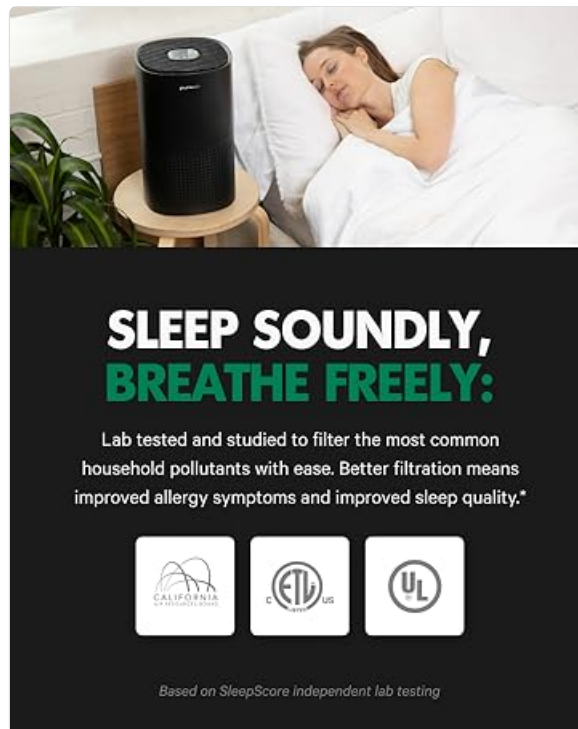


Figure 5.1: Automated Air Quality Monitoring. The unit adjusts fan speed automatically for continuous clean air.

### 5.3 Setting the Timer

- Press the **Timer Button** repeatedly to set the desired operating time (e.g., 2 hours, 4 hours, 8 hours). The unit will automatically turn off after the set time.

### 5.4 Sleep Mode

- Press the **Sleep Mode Button** to activate a quiet operation setting, ideal for use in bedrooms or during sleep. The display lights may dim or turn off in this mode.



Figure 5.2: PuroAir 400 in Sleep Mode. Designed for quiet operation to promote restful sleep.

## 6. MAINTENANCE

### 6.1 Filter Replacement

The PuroAir 400 uses a 3-layer filter system (pre-filter, HEPA filter, and activated carbon) that requires periodic replacement to maintain optimal performance. The Filter Reset Indicator on the control panel will illuminate when it's time to replace the filter.



Figure 6.1: PuroAir 400 Replacement Filter. Regular replacement ensures continued high performance.

1. Unplug the air purifier from the power outlet.
2. Open the filter compartment cover.
3. Remove the old filter and dispose of it properly.
4. Unwrap the new filter and insert it into the compartment, ensuring correct orientation.
5. Close the filter compartment cover securely.
6. Plug the air purifier back in.
7. Press and hold the **Filter Reset Button** (if available, or the Power/Timer button as per specific model instructions) for 3-5 seconds until the indicator light turns off, resetting the filter timer.

Replacement filters can be purchased from authorized PuroAir retailers or the official PuroAir website. The typical replacement interval is approximately 6-12 months, depending on usage and air quality.

6.2 Cleaning the Unit

- Wipe the exterior of the air purifier with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Periodically vacuum the air inlet and outlet grilles to remove dust accumulation.

7. TROUBLESHOOTING

If you experience issues with your PuroAir 400, please refer to the following table before contacting support.

| Problem                | Possible Cause                                                            | Solution                                                                                                                                        |
|------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit does not turn on. | Not plugged in; Power outlet malfunction; Filter not installed correctly. | Ensure power cord is securely plugged into a working outlet. Check if the filter is unwrapped and correctly inserted, and the cover is closed.  |
| Airflow is weak.       | Filter is dirty or clogged; Air inlets/outlets are blocked.               | Replace the filter if the indicator light is on or if it appears visibly dirty. Ensure nothing is obstructing the air intake or output grilles. |

| Problem                                  | Possible Cause                                                                    | Solution                                                                                                                                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unusual noise.                           | Unit not on a flat surface;<br>Foreign object inside; Filter not seated properly. | Place the unit on a flat, stable surface. Unplug and check for any foreign objects. Re-install the filter to ensure it is seated correctly.                                                                |
| Air quality indicator always red/yellow. | High pollutant levels;<br>Sensor dirty.                                           | Allow the unit to run longer in Auto mode. Clean the air quality sensor (refer to specific model instructions for sensor location and cleaning). Ensure no strong odors or pollutants are near the sensor. |

## 8. SPECIFICATIONS

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Brand                 | PuroAir                                          |
| Model                 | PuroAir 400                                      |
| Product Dimensions    | 8.1"D x 14.4"W x 21.5"H                          |
| Weight                | 14.7 Pounds                                      |
| Coverage Area         | Up to 2,000 Square Feet                          |
| Filtration System     | 3-layer (Pre-filter, HEPA, Activated Carbon)     |
| Filtration Efficiency | Filters up to 99.9% of pollutants                |
| Wattage               | 80 watts                                         |
| Color                 | Black                                            |
| Certifications        | CARB Certified, ETL Certified, ISO, UL Certified |

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The PuroAir 400 HEPA Air Purifier comes with a **2-Year Risk-Free Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official PuroAir website or contact customer support.

### 9.2 Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact PuroAir customer support. Our team is proudly based in the USA and is dedicated to assisting you.

- **Online Support:** Visit the official PuroAir website for FAQs and support resources. [PuroAir Store on Amazon](#)
- **User Manual (PDF):** A downloadable PDF version of the user manual is available for your convenience. [Download PDF Manual](#)

## 10. ENVIRONMENTAL PROTECTION

This product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority

for recycling advice.