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› RUBOT PJ10 Smart Air Purifier User Manual

## RUBOT PJ10

# RUBOT PJ10 Smart Air Purifier User Manual

Model: PJ10 | Brand: RUBOT

## 1. INTRODUCTION

The RUBOT PJ10 Smart Air Purifier is designed to improve indoor air quality in large rooms up to 1600 sqft (148 m²). Featuring a CADR of 450 m³/h, this device utilizes a 3-stage H13 HEPA filtration system to effectively capture 99.97% of airborne particles as small as 0.3 microns, including dust, pollen, smoke, pet dander, and odors. It offers smart control capabilities via the 'pjrbot' app, voice control compatibility with Alexa and Google Assistant, and real-time PM2.5 air quality monitoring.

This manual provides detailed instructions for the safe and efficient operation and maintenance of your RUBOT PJ10 Smart Air Purifier.

# Continuous Purification in Large Rooms



Image: The RUBOT PJ10 Smart Air Purifier, a sleek white cylindrical device with a black top panel, shown in a modern living space.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using the appliance and retain them for future reference.

- **Power Supply:** Only use the power adapter provided with the air purifier. Ensure the voltage is compatible with your local power supply.
- **Placement:** Place the air purifier on a firm, level surface. Maintain at least 12 inches (30 cm) clearance from walls or furniture to ensure proper airflow. Do not place near heat sources, open flames, or in direct sunlight.
- **Moisture:** Do not use the appliance in wet or humid environments, such as bathrooms, to avoid electric shock.
- **Obstructions:** Never block the air inlets or outlets. Do not insert any objects into the openings.
- **Cleaning:** Always unplug the air purifier before cleaning. Use a soft, dry cloth for cleaning. Do not use abrasive

cleaners or solvents.

- **Filter Maintenance:** Regularly check and replace filters as indicated by the filter change reminder. Do not operate the unit without filters properly installed.
- **Children and Pets:** Keep the appliance out of reach of children and pets. The child lock feature can prevent accidental changes to settings.
- **Damage:** If the power cord or plug is damaged, or if the appliance malfunctions or has been dropped, do not operate it. Contact customer support for assistance.

## 3. SETUP GUIDE

### 3.1 Unboxing and Placement

1. Carefully remove the air purifier from its packaging.
2. Place the unit on a flat, stable surface in the desired room. Ensure there is adequate space around the unit for optimal air circulation.

### 3.2 Filter Installation

The RUBOT PJ10 uses a 3-stage H13 HEPA filtration system. Filters are typically pre-installed but may require removal of protective packaging before first use.

- Turn the air purifier upside down.
- Twist the base cover counter-clockwise to unlock and remove it.
- Remove the filter cartridge from the unit. If new, remove any plastic packaging from the filter.
- Insert the filter back into the unit, ensuring it is seated correctly.
- Replace the base cover and twist clockwise to lock it securely.



Image: Diagram illustrating the 3-stage H13 HEPA filtration system, showing the Pre-Filter for pet fur/lint, HEPA Filter for pollen/pet dander, and Activated Carbon Filter for smoke/odors.

### 3.3 Power Connection

Plug the power adapter into the air purifier and then into a standard electrical outlet. The unit will enter standby mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel Overview

The top of the air purifier features an intuitive touch control panel and a digital display. Refer to the image below for button identification.



Image: Close-up of the RUBOT PJ10 control panel, showing the PM2.5 index, fan speed indicator, Wi-Fi status, filter change reminder, child lock, timer, and power buttons.

- **On/Off Button:** Press to power the unit on or off.
- **Fan Speed Button:** Cycles through fan speeds 1F, 2F, 3F, 4F. The higher the speed, the quicker the air purification.
- **Auto/Sleep Mode Button:**
  - **Auto Mode:** The fan speed automatically adjusts based on the detected air quality (PM2.5 levels).
  - **Sleep Mode:** Operates at the lowest fan speed (less than 24dB) with display lights off for quiet operation. Press any button to exit Sleep Mode.
- **Timer Button:** Sets the operating time for 2, 4, or 8 hours. The unit will automatically turn off after the set time.
- **Child Lock Button:** Press and hold to activate/deactivate the child lock, preventing accidental changes to settings.
- **PM2.5 Index:** Displays real-time PM2.5 air quality readings.
- **Air Quality Light:** Changes color (Green, Yellow, Red) to indicate current air quality.
- **Wi-Fi Indicator:** Shows Wi-Fi connection status.
- **Filter Change Reminder:** Illuminates when it's time to replace the filter.

## 4.2 App Control ('pjrrobot' App)

The RUBOT PJ10 can be controlled remotely using the 'pjrrobot' app on your smartphone. This allows for enhanced functionality and convenience.

1. **Download the App:** Search for 'pjrrobot' in your smartphone's app store (iOS or Android) and install it.
2. **Connect to Wi-Fi:** Follow the in-app instructions to connect your air purifier to your home Wi-Fi network (2.4GHz only).
3. **App Features:** Once connected, you can:
  - Power the unit on/off.
  - Select custom or sleep modes.
  - Adjust fan speed.

- Set timers for operation.
- Monitor real-time air quality (PM2.5).
- Receive filter change reminders.
- Create schedules for automated operation.

## Reduce Airborne Particulates for a Cleaner Home

The three-layer high-efficiency filtration system can reduce dust in the air when you move or clean, making your home cleaner and more comfortable.



Image: A person using the 'pjrrobot' app on a smartphone to control the air purifier in a living room setting.



## Smart Control Check Filter Life

The pjrrobot App will let you know when it's time to replace the air purifier's filter

Image: A smartphone screen displaying the 'pjrrobot' app interface for scheduling air purifier operation, showing options for 2, 4, or 8-hour timers.

## 4.3 Voice Control

The RUBOT PJ10 is compatible with Amazon Alexa and Google Assistant, allowing for hands-free control.

1. **Enable Skill:** In your Alexa or Google Home app, search for and enable the 'pjrrobot' skill or action.
2. **Link Account:** Link your 'pjrrobot' account to your voice assistant account.
3. **Voice Commands:** Use commands such as:
  - "Alexa, turn on the air purifier."
  - "Hey Google, set the air purifier to Auto Mode."
  - "Alexa, turn off the air purifier."



Image: A woman performing yoga in a room with the air purifier, illustrating the convenience of voice control with Alexa and Google Assistant logos displayed.

## 4.4 Sleep Mode Operation

For an undisturbed night's rest, activate Sleep Mode. In this mode, the air purifier operates at its lowest fan speed, producing less than 24dB of noise, and all display lights are turned off. To exit Sleep Mode, simply press any button on the control panel or use the app/voice control.

## A Priority for Pet Families

The Pre-Filter captures fur while the High-Efficiency Activated Carbon Filter adsorbs pet odors.



Image: The RUBOT PJ10 air purifier operating quietly in a bedroom while a person sleeps, demonstrating its low noise level in sleep mode.

## 5. MAINTENANCE

### 5.1 Filter Replacement

The air purifier's performance depends on the condition of its filters. The filter change reminder light on the control panel and a notification in the 'pjrobot' app will indicate when a replacement is needed. It is recommended to replace the H13 True HEPA filter every 6-8 months, depending on usage and air quality.

1. Unplug the air purifier from the power outlet.
2. Turn the unit upside down and twist the base cover counter-clockwise to remove it.

3. Remove the old filter cartridge.
4. Dispose of the old filter responsibly.
5. Remove any plastic packaging from the new H13 True HEPA filter.
6. Insert the new filter into the unit, ensuring it is seated correctly.
7. Replace the base cover and twist clockwise to lock it securely.
8. Plug in the air purifier. After replacement, reset the filter life indicator by pressing and holding the filter change button (if available) or through the 'pjrrobot' app.

**Note:** Replacement filters for the RUBOT PJ10 model are H13 True HEPA filters. Please ensure you purchase the correct size and type for optimal performance.

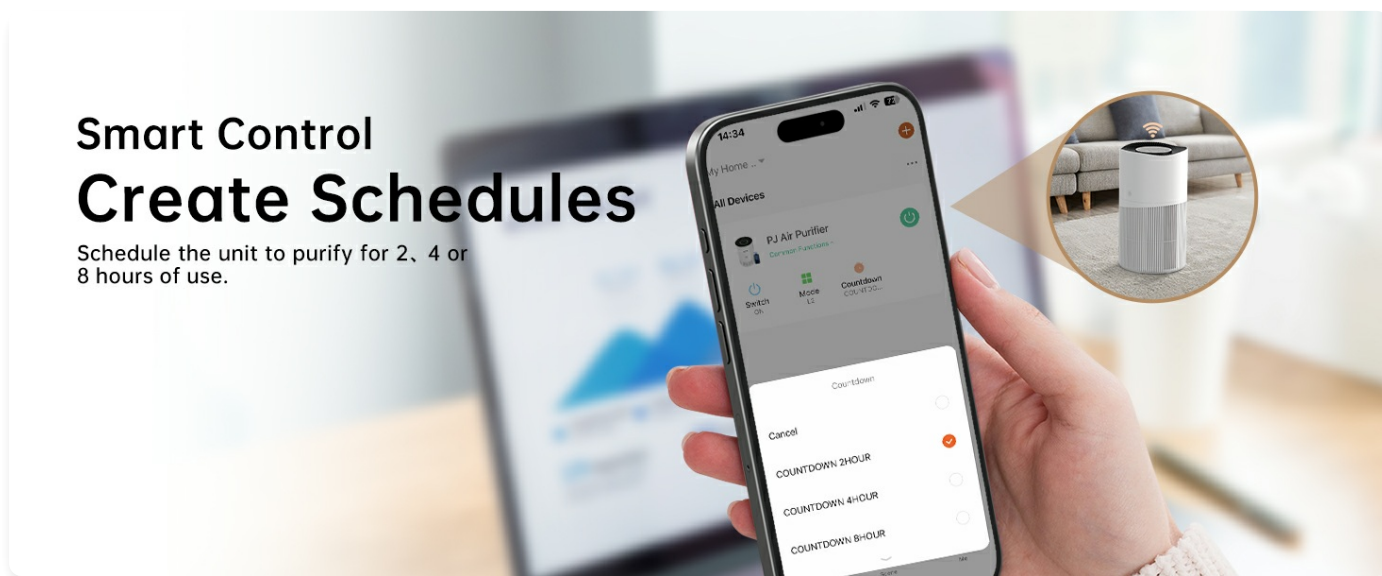


Image: A smartphone screen showing the 'pjrrobot' app displaying filter life status, indicating when a filter replacement is due.

## 5.2 Exterior Cleaning

- Unplug the air purifier before cleaning.
- Wipe the exterior surface with a soft, dry cloth.
- Do not use water, liquid cleaners, or detergents to clean the unit.
- Gently vacuum the air inlet vents to remove dust accumulation.

## 6. TROUBLESHOOTING

| Problem                | Possible Cause                                                                                                                     | Solution                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit does not turn on. | <p>Not plugged in.</p> <p>Power outlet malfunction.</p> <p>Filter not installed correctly or protective packaging not removed.</p> | <p>Ensure the power cord is securely plugged into the unit and a working outlet.</p> <p>Test the outlet with another device.</p> <p>Check filter installation and remove all packaging.</p> |

| Problem                                 | Possible Cause                                                                                | Solution                                                                                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poor air purification.                  | Dirty or old filter.<br>Air inlets/outlets blocked.<br>Unit size not suitable for room.       | Replace the filter.<br>Ensure no obstructions around the unit.<br>Verify room size is within the recommended coverage area (up to 1600 sqft).                          |
| Unit is noisy.                          | High fan speed setting.<br>Foreign object inside.<br>Unit not on a stable surface.            | Reduce fan speed or activate Sleep Mode.<br>Unplug and check for any foreign objects.<br>Place on a flat, stable surface.                                              |
| App cannot connect to the air purifier. | Incorrect Wi-Fi password.<br>Not connected to 2.4GHz Wi-Fi.<br>Router too far or signal weak. | Re-enter Wi-Fi password carefully.<br>Ensure your phone and air purifier are connected to a 2.4GHz Wi-Fi network.<br>Move the air purifier closer to the Wi-Fi router. |

## 7. SPECIFICATIONS

| Feature                        | Detail                                                                          |
|--------------------------------|---------------------------------------------------------------------------------|
| Model Number                   | PJ10                                                                            |
| Brand                          | RUBOT                                                                           |
| CADR (Clean Air Delivery Rate) | 450 m³/h                                                                        |
| Coverage Area                  | Up to 1600 sqft (148 m²)                                                        |
| Filtration System              | 3-Stage H13 True HEPA Filter (Pre-filter, HEPA filter, Activated Carbon filter) |
| Noise Level                    | As low as 24dB (in Sleep Mode)                                                  |
| Fan Speeds                     | 4 (1F, 2F, 3F, 4F) + Auto Mode                                                  |
| Timer Settings                 | 2, 4, 8 hours                                                                   |
| Smart Control                  | 'pjrubot' App, Wi-Fi (2.4GHz), Amazon Alexa, Google Assistant                   |
| Air Quality Sensor             | PM2.5 Infrared Sensor                                                           |
| Product Dimensions             | 10"D x 10"W x 20"H (25.4 cm D x 25.4 cm W x 50.8 cm H)                          |
| Item Weight                    | 5 Pounds (2.27 kg)                                                              |
| Power Source                   | AC                                                                              |

## 8. WARRANTY AND SUPPORT

RUBOT products are designed with quality and performance in mind. For specific warranty information, please refer to the warranty card included with your purchase or visit the official RUBOT website.

If you encounter any issues or have questions regarding your RUBOT PJ10 Smart Air Purifier, please contact RUBOT customer support:

- **Website:** [Visit the RUBOT Store on Amazon](#) (for general brand information)
- **Email/Phone:** (Please refer to your product packaging or the official RUBOT website for the most current contact information.)

## 9. PRODUCT VIDEO DEMONSTRATION

Watch the official product video for a visual guide on the features and operation of the RUBOT PJ10 Smart Air Purifier.

Your browser does not support the video tag.

Video: An official demonstration of the RUBOT PJ10 Smart Air Purifier, highlighting its features such as intelligent touch panel, purification capabilities against dust, pollen, odors, and pet dander, app control, voice control, quiet operation, and effective purification range.

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