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› CLARSTON Air Purifier KJ100F User Manual

CLARSTON KJ100F

CLARSTON Air Purifier User Manual

Model: KJ100F | Brand: CLARSTON

1. INTRODUCTION

Thank you for choosing the CLARSTON Air Purifier Model KJ100F. This device is designed to improve your indoor air quality by effectively removing dust, odors, pet dander, pollen, and other airborne pollutants. Featuring a 3-stage H13 True HEPA filtration system, smart WiFi control, and an intelligent auto mode, it provides clean and fresh air for spaces up to 650 square feet. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. IMPORTANT SAFETY INSTRUCTIONS

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

- Always unplug the air purifier before moving, cleaning, or performing any maintenance.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Keep the air purifier away from water or wet areas. Do not immerse the unit in water or other liquids.
- Ensure proper ventilation around the unit. Do not block air inlets or outlets.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Use only CLARSTON authorized replacement filters.

3. PACKAGE CONTENTS

Please check the package for the following items:

- CLARSTON Air Purifier Unit (Model KJ100F)
- H13 True HEPA Filter (pre-installed inside the unit)
- USB Cable
- Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

The CLARSTON Air Purifier KJ100F features a compact design with a top-mounted control panel and 360-degree air intake for efficient purification.



Figure 4.1: CLARSTON Air Purifier KJ100F with smart app control interface. The image shows the white cylindrical air purifier with its top control panel and a smartphone displaying the control app.

Key Components:

- **Air Outlet:** Located at the top, releases purified air.
- **Control Panel:** Intuitive interface for manual operation.
- **Air Inlet:** 360-degree intake around the base for comprehensive air circulation.
- **Filter Compartment:** Houses the 3-in-1 filtration system.
- **PM2.5 Sensor:** Detects airborne particulate matter for intelligent auto mode.

5. SETUP GUIDE

Follow these steps to set up your CLARSTON Air Purifier:

1. **Unpack the Unit:** Carefully remove the air purifier and all accessories from its packaging.
2. **Check Filter Installation:** The H13 True HEPA filter comes pre-installed. Ensure it is securely in place and any protective packaging around the filter has been removed. Refer to the 'Maintenance' section for filter access.
3. **Placement:** Place the air purifier on a flat, stable surface. For optimal performance, ensure there is at least 6 inches (15 cm) of clear space around all sides of the unit, especially the air inlets and outlets. Avoid placing it directly against walls or furniture. The unit is suitable for rooms up to 650 square feet.
4. **Power Connection:** Connect the provided USB cable to the air purifier and then to the power adapter. Plug the power adapter into a standard electrical outlet.

6. OPERATING INSTRUCTIONS

6.1. Control Panel Functions

The control panel on top of the unit allows for easy operation. Specific indicators and buttons will vary slightly but generally include:

- **Power Button:** Turns the unit On/Off.
- **Fan Speed Button:** Cycles through fan speeds (Low, Medium, High, Turbo).
- **Mode Button:** Selects operating modes (e.g., Auto Mode, Sleep Mode).
- **Timer Button:** Sets an operating duration.
- **Child Lock Button:** Activates/deactivates child lock.
- **Filter Reset Indicator:** Lights up when filter replacement is due.
- **Air Quality Indicator:** Displays current air quality (e.g., via color or numerical PM2.5 reading).

6.2. Power On/Off

Press the Power Button once to turn the air purifier on. Press it again to turn the unit off.

6.3. Fan Speed Adjustment

Press the Fan Speed Button repeatedly to cycle through the 4 available fan speeds: Low, Medium, High, and Turbo.

Select the speed that best suits your purification needs and noise preference.

6.4. Auto Mode

In Auto Mode, the air purifier intelligently adjusts its fan speed based on the real-time air quality detected by its PM2.5 sensor. This ensures optimal performance without constant manual adjustments.

Figure 6.1: Air Quality Indicator Table for Auto Mode. The table shows how the air purifier interprets PM2.5 levels: Green for Good (0-35 ug/m3), Yellow for Moderate (36-75 ug/m3), and Red for Bad (≥ 76 ug/m3).

6.5. Sleep Mode

Activate Sleep Mode for a peaceful night. In this mode, the air purifier operates at its lowest fan speed for ultra-low noise (below 24 dB) and typically turns off display lights to prevent disturbance.



Figure 6.2: Air Purifier operating in Sleep Mode. The image depicts a person sleeping soundly with the air purifier on a nightstand, highlighting its quiet operation at 24dB.

6.6. Smart WiFi Control

The CLARSTON Air Purifier can be controlled remotely via a smartphone app. Download the official CLARSTON app from your device's app store and follow the in-app instructions to connect your air purifier. The app allows you to power on/off, adjust fan speeds, set timers, and monitor air quality from anywhere.



Figure 6.3: Smart control via mobile application. A user is shown interacting with the air purifier's functions through a smartphone app.

6.7. Child Lock

To prevent accidental changes to settings by children or pets, activate the Child Lock feature. Press and hold the Child Lock button (or designated button combination) for a few seconds until the indicator lights up. Repeat the process to deactivate.



Child Lock for Prevention

Effectively Prevent Mis-Touches from Children and Pets

Figure 6.4: Child Lock feature. The image shows a child and a dog near the air purifier, with an overlaid lock icon symbolizing the child lock function.

6.8. Timer Function

Use the Timer function to set the air purifier to operate for a specific duration (e.g., 2, 4, 8 hours) before automatically turning off. Press the Timer button to cycle through available timer settings.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air purifier.

7.1. 3-Stage Filtration System

The CLARSTON Air Purifier utilizes a comprehensive 3-stage filtration system:

- **Pre-Filter:** Traps large particles such as dust, lint, and pet fur.

- **H13 True HEPA Filter:** Captures fine dust, pollen, smoke, and pet dander down to 0.3 microns.
- **Activated Carbon Filter:** Absorbs unwanted odors and fumes, including cooking smells and smoke.

Figure 7.1: Exploded view of the 3-in-1 HEPA filter. This diagram illustrates the individual layers of the pre-filter, H13 HEPA filter, and activated carbon filter.

7.2. Filter Replacement

The air purifier is equipped with a filter replacement reminder feature. It is recommended to replace the filter every 3-6 months or after 2000 hours of usage, depending on air quality and usage frequency. When the filter replacement indicator lights up, it's time to change the filter.

1. Unplug the air purifier from the power outlet.
2. Turn the unit upside down and twist the base counter-clockwise to unlock the filter cover.
3. Remove the old filter.
4. Insert the new CLARSTON H13 True HEPA filter (Search for model B0D21R7L56) into the unit, ensuring it is seated correctly.
5. Replace the filter cover and twist clockwise to lock it.
6. Plug in the air purifier. To reset the filter replacement indicator, press and hold the Filter Reset button (or designated button) for 3-5 seconds until the light turns off.

7.3. Cleaning the Unit

Wipe the exterior of the air purifier with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure no water enters the unit's interior.

8. TROUBLESHOOTING

If you encounter issues with your air purifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Not plugged in; Power outage; Damaged power cord; Filter cover not properly closed.	Ensure the power cord is securely plugged into an outlet. Check the power source. Inspect the power cord for damage. Ensure the filter cover is fully locked.
Poor air purification performance	Filter is dirty or expired; Air inlets/outlets blocked; Room size exceeds capacity.	Replace the filter (refer to Section 7.2). Ensure no obstructions around the unit. Verify the room size is within the recommended 650 sq ft.
Unusual noise	Filter not installed correctly; Foreign object inside; Unit on an uneven surface.	Check if the filter is properly seated. Unplug and inspect for foreign objects. Place the unit on a stable, flat surface.
Filter replacement indicator remains on after changing filter	Indicator not reset.	Press and hold the Filter Reset button for 3-5 seconds until the light turns off.

Problem	Possible Cause	Solution
Cannot connect to WiFi/App	Incorrect WiFi password; Router too far; App not updated.	Ensure correct WiFi credentials. Move the unit closer to the router. Update the CLARSTON app to the latest version.

If the problem persists after trying these solutions, please contact CLARSTON customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	KJ100F
Brand	CLARSTON
Product Dimensions	7.9 x 10.6 x 8.1 inches (10"D x 8"W x 7.8"H)
Item Weight	3.7 Pounds
Color	White
Filter Type	3-Stage (Pre-filter, H13 True HEPA, Activated Carbon)
Coverage Area	Up to 650 sq ft per hour
Fan Speeds	4 (Low, Medium, High, Turbo)
Special Features	Auto Mode, PM2.5 Monitor, Smart WiFi Control, Sleep Mode, Child Lock, Timer Function
Controller Type	Remote Control (via App)
Certification	CARB Certified

10. WARRANTY AND SUPPORT

10.1. Product Warranty

The CLARSTON Air Purifier Model KJ100F comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modifications, or failure to follow the instructions in this manual.

10.2. Customer Support

For technical assistance, warranty claims, or general inquiries, please contact CLARSTON customer support:

- **Website:** [Visit the CLARSTON Store on Amazon](#)
- **Email:** support@clarston.com (Example email, please refer to product packaging for official contact)

- **Phone:** 1-800-XXX-XXXX (*Example number, please refer to product packaging for official contact*)

Please have your model number (KJ100F) and purchase date ready when contacting support.