Elechomes KJ203F-142

Elechomes KJ203F-142 Air Purifier User Manual

Model: KJ203F-142 | Brand: Elechomes

1. Introduction

Thank you for choosing the Elechomes KJ203F-142 Air Purifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

The Elechomes KJ203F-142 is designed to improve indoor air quality by filtering out various airborne particles and odors, creating a healthier living environment.

2. 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 it, opening the grille, changing filters, or performing any cleaning.
- Do not operate the unit if the power cord or plug is damaged. Contact customer support for assistance.
- Keep the air purifier away from water or other liquids. Do not use it in wet environments like bathrooms.
- Ensure proper ventilation. Maintain at least 15 inches (38 cm) of clearance around all sides of the unit for optimal air intake and circulation.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Avoid using the air purifier near combustible gases, vapors, metallic dust, aerosol (spray) products, or fumes from industrial oil.
- Keep the device out of reach of children and pets. The control panel lock feature can prevent accidental operation.
- Do not sit on or place heavy objects on the air purifier.

3. Product Overview

3.1 Key Features

- **High-Efficiency Filtration:** Covers up to 30 m² (320 sq ft) in 20 minutes with a CADR of 230 m³/h.
- **4-Stage Filtration System:** Includes Pre-filter, True HEPA filter, Activated Carbon filter, and Cold Catalyst filter.
- **Ultra-Quiet Sleep Mode:** Operates at a low 24 dB for undisturbed rest.
- **Adjustable Fan Speeds:** Three fan speed settings (Low, Medium, High) to suit various air quality needs.
- **Timer Function:** Allows setting operation duration for convenience.
- **Panel Lock:** Prevents unintended changes to settings, ideal for households with children or pets.
- **Ergonomic Design:** Features a concave handle for easy portability and anti-collision edges for safety.
- **Filter Replacement Reminder:** Indicates when it's time to replace the filter for continued optimal performance.

3.2 Product Components



Figure 1: Front view of the Elechomes KJ203F-142 Air Purifier.



Figure 2: Ergonomic handle and anti-collision edges for safe handling.

3.3 4-Stage Filtration System

The Elechomes KJ203F-142 utilizes a comprehensive 4-stage filtration system to effectively purify the air:

1. **Pre-filter:** Captures large particles such as lint, fibers, and pet hair.
2. **True HEPA Original Filter:** Filters at least 99.97% of airborne particles as small as 0.3 microns, including dust, pollen, and smoke.
3. **High-Efficiency Activated Carbon Filter:** Adsorbs smoke, odors, and compounds like formaldehyde, benzene, ammonia, and hydrogen sulfide.
4. **Cold Catalyst Filter:** Breaks down harmful gases and catalyzes reactions to produce water and carbon dioxide.

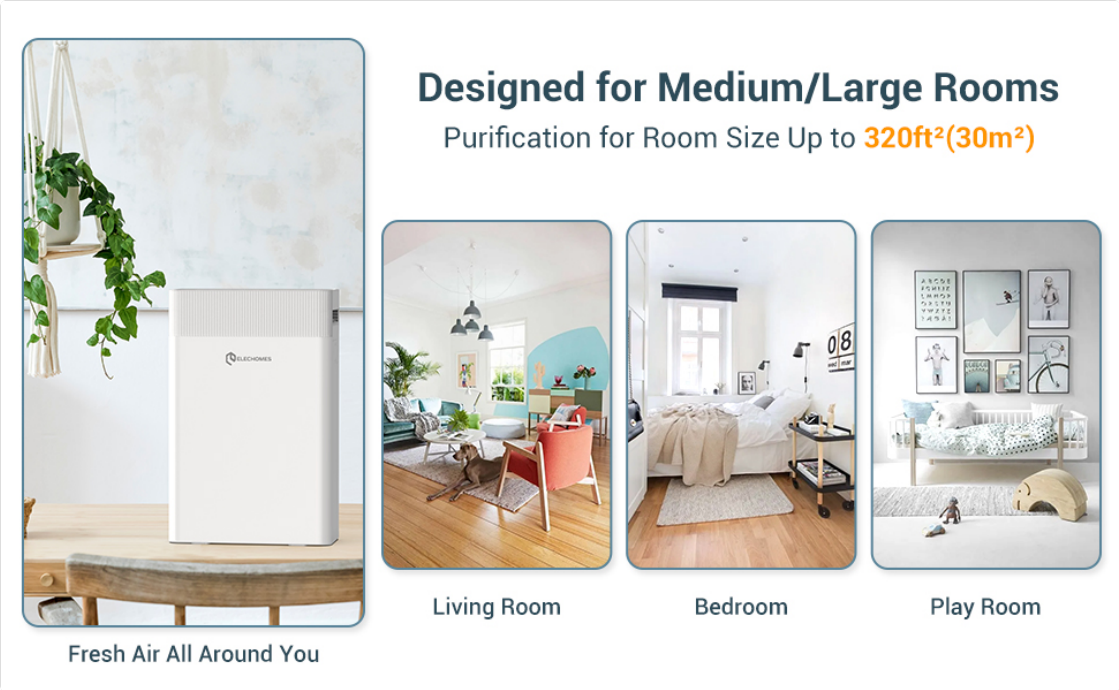


Figure 3: Illustration of the 4-stage air filtration process.

4. Setup

4.1 Unpacking and Filter Installation

1. Carefully remove the air purifier from its packaging.
2. Open the filter cover (usually located on the back or side of the unit).
3. Remove the pre-installed filter from its protective plastic packaging. The filter is typically sealed to maintain its effectiveness.
4. Insert the filter back into the unit, ensuring it is correctly oriented.
5. Close the filter cover securely.



Figure 4: Filter removal and installation.

4.2 Placement

Place the air purifier on a firm, level surface. Ensure there is at least 15 inches (38 cm) of clearance on all sides to allow for proper air circulation. Avoid placing it directly against walls or furniture that might obstruct air intake or output.

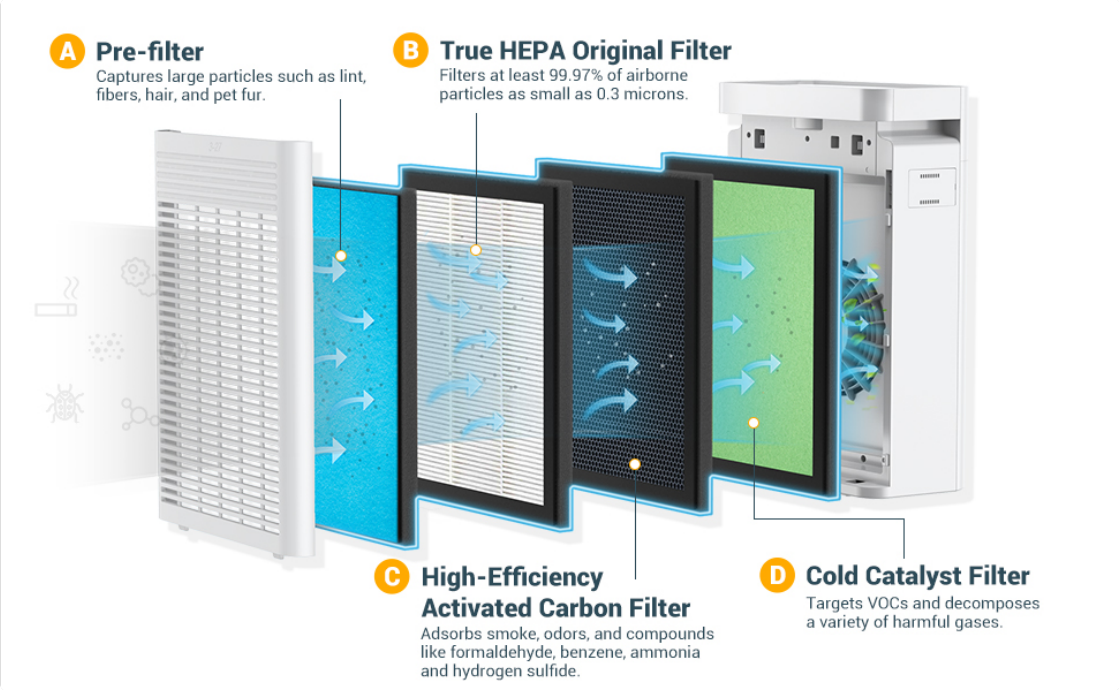


Figure 5: Recommended placement in living room, bedroom, or play room.

4.3 Power Connection

Plug the power cord into a suitable electrical outlet. The unit is now ready for operation.

5. Operating Instructions

5.1 Control Panel

The control panel is located on the top of the unit and features touch-sensitive buttons for various functions.



Figure 6: Overview of the control panel.

- **On/Off Button:** Powers the unit on or off.
- **Fan Speed Button:** Cycles through Low, Medium, and High fan speeds.
- **Lock Button:** Activates or deactivates the control panel lock.
- **Timer Button:** Sets the operating time.
- **Sleep Mode Button:** Activates the quiet sleep mode.
- **Filter Reset Button:** Used to reset the filter replacement indicator after changing the filter.

5.2 Power On/Off

Press the **On/Off** button to turn the air purifier on. Press it again to turn the unit off.

5.3 Adjusting Fan Speed

Press the **Fan Speed** button repeatedly to cycle through the three available fan speeds: Low, Medium, and High. Select the speed that best suits your current air purification needs.



Figure 7: Visual representation of three fan speeds.

5.4 Sleep Mode

Press the **Sleep Mode** button to activate the ultra-quiet sleep mode. In this mode, the fan operates at its lowest speed (24 dB) and the display lights dim or turn off to ensure a peaceful sleeping environment.



Figure 8: Air purifier operating in quiet sleep mode.

5.5 Timer Function

Press the **Timer** button to set the desired operating time. The unit will automatically turn off after the set duration. Refer to

the display for available timer options.



Figure 9: Detail of Speed and Timer controls.

5.6 Panel Lock

Press and hold the **Lock** button for a few seconds to activate the control panel lock. This prevents accidental changes to settings, which is useful in households with children or pets. To deactivate, press and hold the **Lock** button again.



Figure 10: Panel lock feature for child and pet safety.

6. Maintenance

6.1 Filter Replacement Reminder

The air purifier is equipped with a filter replacement reminder. When the**Sleep Mode** button and the **Timer** button flash simultaneously, it indicates that the filter needs to be replaced.

6.2 Replacing the Filter

For optimal performance, replace the filter when indicated by the reminder. The lifespan of the filter depends on usage

and air quality.

1. Unplug the air purifier from the power outlet.
2. Open the filter cover.
3. Remove the old filter and dispose of it properly.
4. Insert a new Elechomes KJ203F-142 replacement filter, ensuring it is correctly oriented and the protective plastic packaging is removed.
5. Close the filter cover securely.
6. Plug the air purifier back in.
7. To reset the filter reminder, press and hold the**Filter Reset** button for 3-5 seconds until the indicator lights turn off.

6.3 Cleaning the Exterior

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.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on.	Power cord not properly plugged in. No power from outlet.	Ensure the power cord is securely plugged into a working outlet. Check the circuit breaker.
Airflow is weak or noisy.	Filter is dirty or clogged. Air inlets/outlets are blocked.	Replace the filter if the indicator is on. Ensure no obstructions around air inlets/outlets.
Filter replacement indicator remains on after changing filter.	Filter reminder not reset.	Press and hold the Filter Reset button for 3-5 seconds until the indicator turns off.
Unit emits unusual odor.	New filter odor (temporary). Filter is saturated with odors.	New filters may have a slight odor initially; this should dissipate. If persistent, replace the filter.

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

8. Specifications

Specification	Detail
Model Number	KJ203F-142
Brand	Elechomes
CADR (Clean Air Delivery Rate)	230 m^3/h (135 CFM)

Specification	Detail
Coverage Area	Up to 30 m² (320 sq ft)
Noise Level (Sleep Mode)	24 dB
Filtration Type	4-Stage (Pre-filter, True HEPA, Activated Carbon, Cold Catalyst)
Dimensions (D x W x H)	17D x 33W x 51.1H cm
Weight	9.6 lbs (4.35 kg)
Control Method	Touch Control
Power Source	Corded Electric



Figure 11: Product dimensions.

9. Warranty and Support

9.1 Warranty Information

The Elechomes KJ203F-142 Air Purifier comes with a standard 18-month warranty from the date of purchase. You may be eligible for an additional 6-month extended warranty by registering your product within 14 days of purchase, extending the total warranty period to 24 months. Please refer to the product packaging or Elechomes official website for detailed warranty terms and registration instructions.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Elechomes customer support. Contact details can typically be found on the Elechomes official website or on the product packaging.

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