ABOFA A30101-BK

ABOFA Air Purifier Model A30101-BK User Manual

Comprehensive Instructions for Operation and Maintenance

1. Product Overview

The ABOFA Air Purifier Model A30101-BK is designed to improve indoor air quality by filtering various airborne particles. It features a multi-stage filtration system, including an H13 True HEPA filter, and offers multiple operating modes for user convenience.



Figure 1: Front view of the ABOFA Air Purifier Model A30101-BK. This image displays the compact design and the control panel located on the top surface of the unit.

2. Setup Instructions

1. **Unpack the Unit:** Carefully remove the air purifier from its packaging. Retain packaging materials for future transport or storage.

2. **Remove Filter Packaging:** Before first use, open the filter compartment (typically located at the back or bottom of the unit) and remove the plastic packaging from the filter. Reinsert the filter securely.
3. **Placement:** Place the air purifier on a firm, level surface. Ensure there is at least 15 cm (6 inches) of space around all sides for optimal airflow. Avoid placing it directly against walls or furniture.
4. **Power Connection:** Plug the power cord into a standard electrical outlet.



Figure 2: The air purifier positioned in a bedroom, illustrating its dimensions (17.72 inches height, 9.84 inches width, 10.12 inches depth). This image helps visualize appropriate placement within a room.

3. Operating Instructions

Control Panel Overview



Figure 3: Detailed diagram of the air purifier's touch screen control panel. Key indicators and buttons are labeled for easy identification and operation.

- **A. Air Quality Indicator:** Displays current air quality.
- **B. Display:** Shows numerical values or mode indicators.
- **C. Sleep Mode Indicator:** Lights up when Sleep Mode is active.
- **D. Filter Replacement Indicator:** Illuminates when the filter needs replacement.
- **E. Smart Mode Indicator:** Lights up when Intelligent Mode is active.
- **F. Child Lock:** Activates/deactivates child lock function.
- **G. Timer:** Sets operating time (1-12 hours).
- **H. Fan Speed:** Adjusts fan speed levels.
- **I. Sleep Mode:** Activates quiet operation mode.
- **J. Intelligent Mode:** Automatically adjusts fan speed based on air quality.
- **K. On/Off:** Powers the unit on or off.

Operating Modes

- **Power On/Off:** Press the **On/Off (K)** button to turn the air purifier on or off.
- **Adjust Fan Speed:** Press the **Fan Speed (H)** button repeatedly to cycle through different fan speed settings.

- **Sleep Mode:** Press the **Sleep Mode (I)** button to activate sleep mode. In this mode, the fan operates at its lowest speed, and all indicator lights turn off to ensure a quiet environment.



Figure 4: The air purifier operating in a bedroom during sleep mode, highlighting its low noise level (max noise less than 60 dB). This illustrates the quiet operation for undisturbed rest.

- **Intelligent Mode:** Press the **Intelligent Mode (J)** button to enable automatic operation. The purifier will detect air quality and adjust fan speed accordingly.
- **Timer Function:** Press the **Timer (G)** button to set the desired operating duration from 1 to 12 hours. The unit will automatically turn off after the set time.
- **Child Lock:** Press and hold the **Child Lock (F)** button for a few seconds to activate or deactivate the child lock, preventing accidental changes to settings.

4. Maintenance

Filter Replacement

The Filter Replacement Indicator (D) will illuminate when it is time to replace the filter. For optimal performance, replace the filter every 6-8 months, or more frequently depending on air quality and usage.

1. **Power Off:** Ensure the air purifier is turned off and unplugged from the power outlet.
2. **Access Filter:** Open the filter compartment cover.

3. **Remove Old Filter:** Carefully remove the used filter. Dispose of it properly.
4. **Install New Filter:** Remove the new filter from its protective packaging and insert it into the compartment, ensuring it is seated correctly.
5. **Close Compartment:** Securely close the filter compartment cover.
6. **Reset Filter Indicator:** Plug in the unit and power it on. Press and hold the Filter Replacement button (if available, or refer to specific model instructions for reset) until the indicator light turns off.

Important: To ensure compatibility and optimal performance, always use genuine ABOFA replacement filters specifically designed for Model A30101-BK. Refer to your purchase records or contact customer support for assistance in locating the correct replacement filter.

Cleaning the Unit

- **Exterior:** Wipe the exterior of the air purifier with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Air Inlet/Outlet:** Gently vacuum or wipe the air inlet and outlet grilles to remove dust accumulation.

5. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Not plugged in; power outage; power button not pressed.	Ensure power cord is securely plugged in. Check power outlet. Press the On/Off button.
Air output is weak or purification seems ineffective.	Filter is dirty or clogged; filter packaging not removed; air inlets/outlets blocked.	Check and replace the filter if necessary. Ensure filter packaging is removed. Clear any obstructions from air inlets/outlets.
Unusual noise from the unit.	Filter not installed correctly; foreign object inside; unit on uneven surface.	Ensure filter is securely installed. Check for any foreign objects. Place the unit on a stable, level surface.
Filter Replacement Indicator remains on after filter change.	Filter reset function not performed.	Refer to "Filter Replacement" section to perform the filter reset procedure.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

6. Specifications

- **Model Number:** A30101-BK
- **Brand:** ABOFA
- **Product Dimensions:** 10.12"D x 9.84"W x 17.72"H (25.7 cm D x 24.9 cm W x 45 cm H)
- **Weight:** Approximately 12.5 Pounds (5.67 kg)
- **Clean Air Delivery Rate (CADR):** 330 m^3/h
- **Coverage Area:** Up to 219 ft^2 / 20 m^2 (5 air changes per hour)
- **Filtration System:** 3-Stage (Pre-Filter, H13 True HEPA Filter)
- **Noise Level:** Max noise < 60 dB (Quiet Sleep Mode)

- **Controller Type:** Touch Control
- **Timer:** 1-12 hours
- **Certification:** AHAM Certified

7. Warranty and Support

This ABOFA Air Purifier Model A30101-BK comes with a**1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For any questions regarding product use, quality, or warranty claims, please contact ABOFA customer service. Our after-sales personnel are committed to responding and providing solutions within 24 hours. Please have your model number (A30101-BK) and proof of purchase ready when contacting support to expedite service.