

Acekool D01

Acekool D01 Desk Air Purifier User Manual

Model: D01 | Brand: Acekool

1. INTRODUCTION

The Acekool D01 Desk Air Purifier is designed to enhance air quality in small personal spaces such as offices, bedrooms, and nurseries. It features a multi-layer filtration system, a smart display for temperature and humidity, and a quiet sleep mode for undisturbed environments. This manual provides essential information for the safe and efficient operation and maintenance of your air purifier.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the air purifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not immerse the air purifier in water or other liquids.
- Do not operate the unit with a damaged cord or plug. If the cord or plug is damaged, contact customer support.
- Keep the air purifier away from heat sources, direct sunlight, and moisture.
- Ensure the air inlets and outlets are not blocked during operation.
- 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.
- Only use the provided USB cable and a compatible power adapter (not included) with appropriate voltage.
- Unplug the air purifier before cleaning or performing any maintenance.

3. PRODUCT OVERVIEW

3.1 Package Contents

- Acekool D01 Desk Air Purifier
- USB Cable
- User Manual

3.2 Key Features

- **3-Layer Filtration System:** Includes a pre-filter, H13 True HEPA filter, and activated carbon filter to capture 99.97% of airborne particles 0.3 microns and larger.
- **Smart Air Temperature & Humidity Display:** Digital display shows real-time temperature and humidity.
- **Ultra-Quiet Sleep Mode:** Operates at a low noise level ($\leq 26\text{dB}$) for a peaceful environment.
- **Lightweight & USB-C Powered:** Compact and portable design with convenient USB-C power input.
- **Smart Filter Change Reminder:** Indicator light notifies when filter replacement is needed.
- **Touch Control:** Intuitive touch panel for easy operation.

3.3 Product Diagram

Refer to the image below for a visual representation of the air purifier's components and features.



This image displays the Acekool D01 Desk Air Purifier, highlighting its smart touch screen interface. The screen shows current temperature and humidity readings, along with icons for fan speed and power. The device is black and compact, suitable for a desk.

3 Layers of Defense



This diagram illustrates the three layers of defense in the Acekool D01 Air Purifier: the Pre-filter for large particles, the True HEPA Filter for 99.97% of allergens, and the Activated Carbon Filter for odors and gases.

4. SETUP

4.1 Unpacking

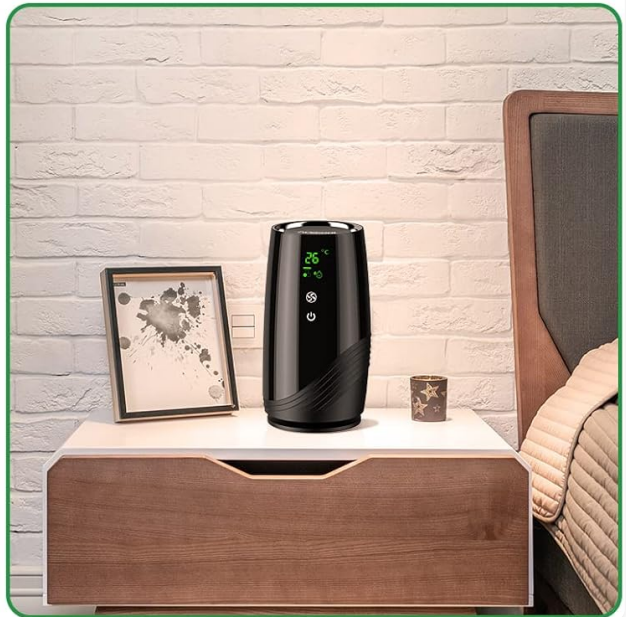
Carefully remove the air purifier and all included accessories from the packaging. Inspect the unit for any signs of damage.

4.2 Filter Installation

The filter may come pre-installed or require installation. Follow these steps to ensure proper filter setup before first use:

1. Turn the air purifier upside down.
2. Twist the base of the unit counter-clockwise to unlock and remove the filter cover.

3. Remove the protective plastic packaging from the new filter.
4. Insert the filter into the unit, ensuring it is seated correctly.
5. Replace the filter cover and twist clockwise to lock it securely.



This image illustrates the process of filter replacement. It shows the air purifier being turned upside down, the base being twisted off, the filter being removed and inserted, and the base being re-secured.

4.3 Power Connection

Connect the provided USB-C cable to the port on the air purifier. Plug the other end of the USB-C cable into a suitable USB power adapter (not included) or a powered USB port (e.g., on a computer or power bank).



This image shows the compact Acekool D01 Air Purifier connected to a power source using its USB-C cable, demonstrating its versatile power options.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To turn the air purifier **ON**, press the **Power Button** () on the touch panel. The display will illuminate, and the fan will start.

To turn the air purifier **OFF**, press the **Power Button** () again.

5.2 Adjusting Fan Speed

Press the **Fan Speed Button** (⚙️) to cycle through the available fan speeds:

- **Level 1:** Low fan speed for quiet operation.
- **Level 2:** High fan speed for faster purification.

5.3 Sleep Mode

To activate **Sleep Mode**, press and hold the **Fan Speed Button** (⚙️) for 3 seconds. The fan will automatically switch to its lowest speed ($\leq 26\text{dB}$) for ultra-quiet operation, ideal for sleeping or quiet environments.



Runs Quietly at Sleep Mode

Select the sleep mode and enjoy a nice sleep without noise

This image shows the Acekool D01 Air Purifier operating in Sleep Mode, highlighting its quiet performance with a visual comparison of noise levels (e.g., whispering at 20dB, sleep mode at 25dB).

5.4 Temperature and Humidity Display

The integrated smart display automatically shows the current ambient temperature (in °C) and relative humidity (in %). This feature provides real-time environmental information without requiring manual input.

6. MAINTENANCE

6.1 Filter Replacement

Your Acekool D01 Air Purifier is equipped with a smart filter change reminder. When the filter indicator light illuminates, it signifies that the filter needs to be checked or replaced.

It is recommended to replace the filter every 3-6 months, depending on the air quality in your area and frequency of use. For optimal performance, use only genuine Acekool replacement filters (Model: B08R6527XJ).

Follow the filter installation steps outlined in Section 4.2 to replace the filter. After replacing the filter, the indicator light will automatically reset and turn off.

Your browser does not support the video tag.

This video demonstrates the filter change reminder and replacement process for the Acekool D01 Air Purifier, showing how to access and replace the 3-stage filter.

6.2 Cleaning the Unit

To maintain the appearance and efficiency of your air purifier:

- Always unplug the unit before cleaning.
- Wipe the exterior surfaces with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- Ensure the air inlets and outlets are kept clear of dust and debris. You may use a soft brush or vacuum cleaner attachment to gently clean these areas.

7. TROUBLESHOOTING

If you encounter any issues with your Acekool D01 Air Purifier, please refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; USB cable not connected properly	Ensure the USB-C cable is securely connected to both the purifier and a working power source. Try a different USB port or power adapter.
Airflow is weak	Filter is dirty or blocked; Air inlets/outlets blocked	Check and replace the filter if necessary. Ensure no obstructions are blocking the air intake or output vents.
Unusual noise during operation	Filter not installed correctly; Foreign object inside	Turn off and unplug the unit. Reinstall the filter, ensuring it is seated properly. Check for any foreign objects inside the unit and carefully remove them.
Filter change indicator remains on after replacement	Filter not correctly installed or detected	Ensure the new filter is correctly installed and the base is securely locked. If the issue persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Acekool
Model Number	D01
Product Dimensions (D x W x H)	3.9" x 3.9" x 7.8"
Weight	2.1 lb

Feature	Detail
Power Source	USB-C
Control Method	Touch
Filter Type	H13 True HEPA (3-layer: Pre-filter, H13 True HEPA, Activated Carbon)
Floor Area Coverage	10 sq ft (approx. 3.6m²)
Noise Level	≤26 Decibels (in Sleep Mode)
Wattage	30 watts
Included Components	USB Cable

9. WARRANTY AND SUPPORT

Acekool provides a **1-year warranty** as standard for the D01 Desk Air Purifier from the date of purchase.

For any quality problems, technical assistance, or support inquiries, please do not hesitate to contact Acekool customer service:

- **Email:** support@acekool.vip
- **Availability:** Monday - Friday, 9:00 am - 5:00 pm PST/PDT

When contacting support, please have your product model number (D01) and purchase information readily available to expedite service.