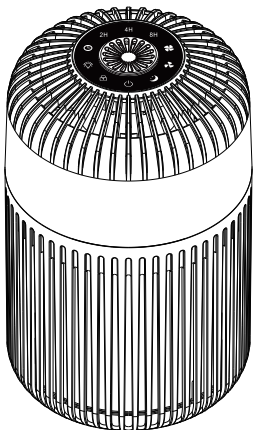


Air Purifier

AP100B

User Manual



Thank you for choosing our Air Purifier.
Please read these instructions carefully before use and
keep them for future reference.

Safety Precaution

WARNING

To prevent possible harm to persons or damage to property, strictly observe the following safety precautions.

Read all instructions before using this product. Use only as described in this manual.

- Disconnect the power supply before cleaning, moving, or performing maintenance.
- Do not clean with gasoline, thinner, solvent, ammonia, or other chemical cleaners.
- Never immerse the unit in water or allow water to enter the motor casing.
- Do not use the unit in areas with strong static electricity or magnetic fields. Avoid contact with rain or liquids to prevent short circuits, electric shocks, or fires.
- Do not block the top air outlet, as this impedes purified air circulation. Except for filter replacement, do not attempt repairs or part replacement.
- Keep out of reach of children. Install the purifier in a secure, well-ventilated, and stable location.
- Do not use in high-temperature, damp, or water-exposed areas (e.g., bathrooms) to prevent the risk of shock or fire.
- Do not use the purifier in rooms recently treated with pesticides. Residual chemicals may be released through the air vents.
- Never touch the appliance with wet hands to prevent electric shock.
- Do not exceed the rated power capacity. Avoid using overloaded power strips or damaged plugs.
- Only authorized technicians may disassemble or modify the machine.
- Always disconnect power before cleaning air outlets.
- Never block air outlets or openings with objects. Obstruction may cause overheating or fire.
- Do not use the unit in flammable or explosive environments or expose it to prolonged direct sunlight.

Product Description

1. Filtration Mechanism

The HEPA filter captures airborne particles through three mechanisms:

- Impaction – Traps large particles ($>1\mu\text{m}$) that collide with fibers.
- Interception – Captures medium-sized particles ($0.3\text{--}1\mu\text{m}$) by electrical attraction.
- Diffusion – traps ultrafine particles ($<0.3\mu\text{m}$) through random motion.

2. Adsorption Mechanism

The activated carbon filter adsorbs gases and odors through microscopic pores that trap both polar compounds (e.g., formaldehyde) and non-polar compounds (e.g., benzene).

3. Pet Fur Filter

The washable pet fur filter captures the pet hair, lint, and dust, extending the lifespan of the HEPA and carbon filters while maintaining efficient airflow.

4. Usage Notes

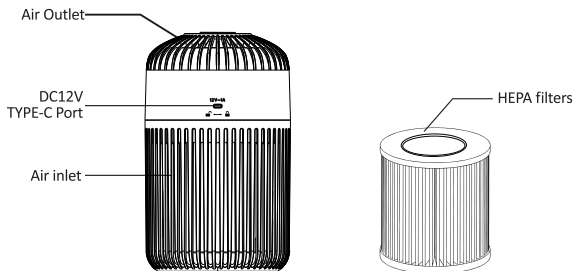
- Combine 4in1 filter: Pre-filter+Pet fur filter+ H13 HEPA+ activated carbon filters for best results.
- Replace the filters every 3 months, as saturated filters may release trapped pollutants.

Product Specifications

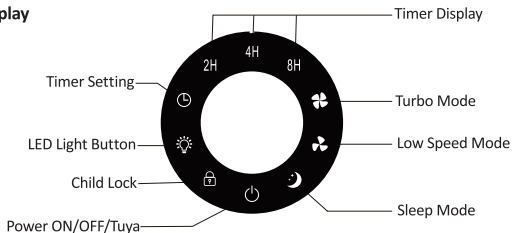
Technical Specifications

Product Name	ARI PURIFIER
Model	AP100B
Rated Voltage	12V DC
Rated Power	14W
Adapter	Input: AC100~240V 50/60Hz 0.3A Max Output: DC 12V1A
Appropriate Temperature	-10' °C to 40'°C/14'°F to 104'°F
What's included	Main Unit x1 HEPA filters x1 Power adapter x1 User Manual x1

Product Overview



Display



Operating Instructions

1.Power Connection & Standby:

When connected to DC 12V power, the unit beeps once to indicate standby mode. Each valid button press produces a confirmation beep.

2.Power ON/OFF:

- Press once to turn ON (Low Speed Mode by default).
- Press again to turn OFF.

3.Sleep Mode:

Press to activate Sleep Mode. The indicator light turns orange and will turn off after 10 seconds for energy efficiency.

4.Low Speed Mode:

Press to switch to Low Speed Mode. The indicator light turns steady green.

5.Turbo Mode:

Press to activate Turbo Mode. The indicator light turns steady blue.

6.Timer Setting:

Press repeatedly to set the timer: 2H → 4H → 8H → Cancel. The corresponding indicator light shows the active timer.

7.LED Light Button:

Press to toggle ambient light colors: Orange → Green → Blue → OFF.

8. Child Lock :

- Activate: Press and hold for 2 seconds. Indicator lights up and all other buttons are disabled (double-beep confirmation).
- Deactivate: Press and hold again for 2 seconds.

Filter Replacement

Always power OFF and unplug before replacing the filter. Remove and insert the filter following the arrow indicators on the base. Use only original filters.

Tuya Connection

- 1.Turn on your phone's Wi-Fi and Bluetooth.
2. Download the "Tuya Smart" app from your app store or scan the QR code provided



3. Press and hold the power button for 3 seconds until you hear three beeps and the indicator light flashes.

4. In the Tuya app, tap “+” → “Add Device” → select “AP100B.”



5. Enter your Wi-Fi information (ensure your phone and device share the same network).



6. After connection, tap “Done.” You can now control the purifier from your phone.

Cleaning and Maintenance



WARNING

- Always unplug the product before cleaning.
- Store in a dry place to prevent moisture damage.
- Do not wash HEPA or carbon filters with water or any liquids.
- Wipe the surface with a clean, dry soft cloth.
- Regularly remove dust from the air vents using a dry microfiber cloth.
- Do not use gasoline, benzene, high-concentration alcohol, or other chemical solvents.
- Repairs must only be performed by authorized technicians.

Manufacturer: Guangdong Eraclean Technology Co., Ltd

Address: 3rd Floor, 1st Block, Phase 4, Hongji Industry City, No.23 Tongji West Road,
Nantou Town, Zhongshan City, Guangdong Province, China



EAP Est.No. 102445-CHN-1



Intertek
5034806

FCC warning statements:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.