

Airdog P50 Pet Air Purifier

User Manual

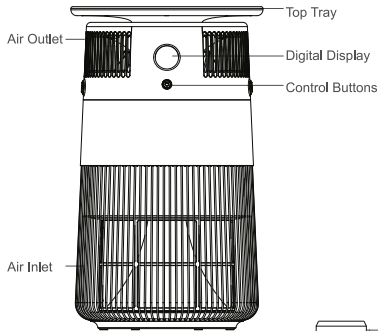


Packaging List

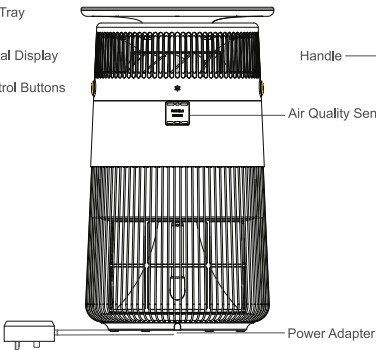
- Main Unit × 1
- Power Adapter × 1
- Product Manual × 1

Part Name

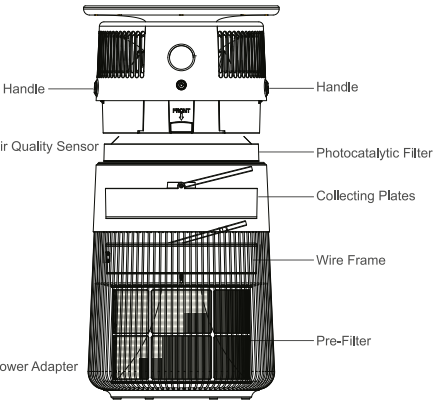
Front/Side



Rear



Internal Structure

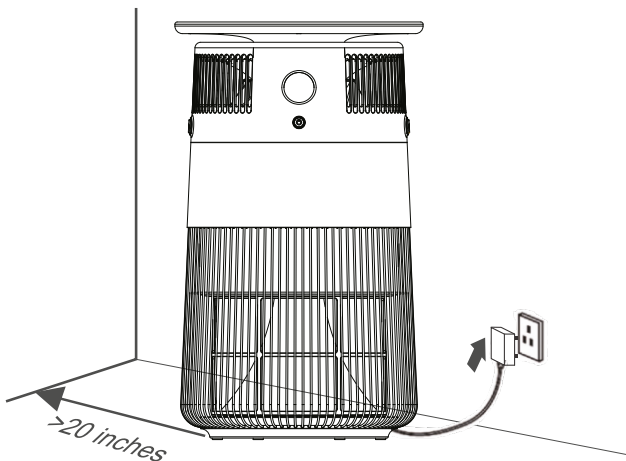


Product Installation

Remove the unit from the foam packaging and place it in a suitable location.

(It is recommended to keep at least 20 inches of clearance between the air intake and the wall.)

Connect the power adapter to the unit, then plug the adapter into a power outlet (as shown in the diagram).



Operation Instruction

Air Quality Indicator Light

Displays the current air quality level via color.

Sleep Mode Indicator Light

Illuminates when in Sleep Mode.
All other indicator lights will turn off after 3 seconds.
The unit operates at a quiet, low speed.

Auto Mode Indicator Light

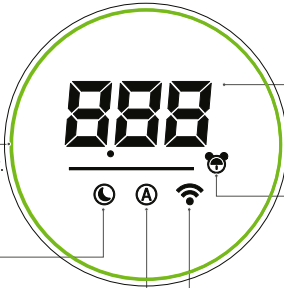
Illuminates when in Auto Mode.
The unit automatically adjusts the fan speed based on detected air quality.

Control Button

Each click cycles through different modes.
Below are the modes in order of clicks.
First Press: Powers on (defaults to Auto Mode).

- Level 1 Fan Speed
- Level 2 Fan Speed
- Level 3 Fan Speed
- Level 4 Fan Speed
- Sleep Mode
- Auto Mode

Hold the button(~3 seconds) to power off.



Numerical Display

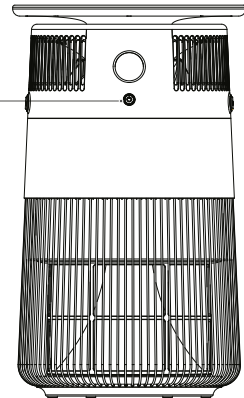
Displays the current air quality.
When pressing the control button,
it shows the current speed level.

Child Lock

Illuminates when the Child Lock is active.
All control button functions are disabled
except for the power on/off function.

Wi-Fi Status

Off: Unit is not connected to Wi-Fi.
Fast Blinking: Unit is attempting to connect
to Wi-Fi.
Solid Light: Unit is successfully connected
to Wi-Fi .



LED Display

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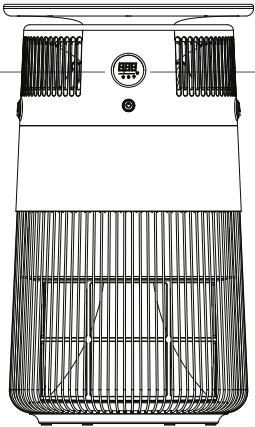
AQI (Air Quality Index)

The AQI is a calculated air quality index based on the number of airborne particles detected by the sensor. It ranges from 0 to 500.

-C-

Cleaning Reminder

When "-C-" appears on the display instead of AQI numbers, it indicates the collecting plates need to be cleaned. After cleaning, press and hold the "Reset" button for 6 seconds to clear the reminder. Refer to the insert for App download and installation instructions.



Air Quality Color Indicators:



Green
Excellent
AQI≤ 50



Yellow Green
Good
50<AQI≤ 100



Yellow
Moderately Polluted
100<AQI≤150



Red
Hazardous
AQI>150

Additional Information

AQI numbers are calculated based on the real time particles numbers in some air volume according to United States Environmental Protection Agency (EPA). The numbers could be affected by the air flow speed, air purifier position and ambient environment. AQI is an indicator of air quality. As the AQI increases, an increasingly large percentage of the population is likely to experience increasingly severe adverse health effects. CO₂ concentration does not affect the display of the air quality indicator light.

Airdog App Connection Guide



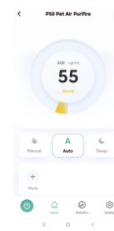
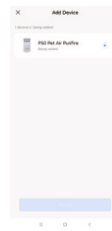
Airdog

1. Download the App
Search for "Airdog" in your smartphone's app store and download the application.

2. Register an Account
Open the Airdog app and create your account. (Multiple registration options are available.)

3. Prepare Your Phone
Enable Bluetooth on your phone and ensure it is connected to a 2.4GHz Wi-Fi network. Then, open the Airdog app.

4. Add Your Device
Tap the "+" icon in the upper-right corner. The app will automatically enter pairing mode and begin searching for nearby devices.



5. Select Your Device
Once your air purifier appears in the list, tap to select it. You will then proceed to the network configuration screen. *(Please note: Your phone must be connected to a 2.4GHz Wi-Fi network for this step.)*

6. Enter Wi-Fi Password
Enter your 2.4GHz Wi-Fi password and tap "Next."

7. Complete Connection
After the network connection is successfully established, tap "Finish" to enter the main device control interface.

8. Control Your Device
You can now monitor and control your air purifier's features directly from the app.

Connection Modes

1. Auto-Sensing (Recommended)

Keep both Wi-Fi and Bluetooth enabled on your phone. Press and hold the Network Connection button on the purifier until the Wi-Fi indicator light begins to blink. Then, follow the on-screen prompts in the app to complete setup.

2. Hotspot Pairing

If Bluetooth cannot be used, enable your phone's hotspot. Press and hold the Network Connection button until the Wi-Fi indicator light blinks rapidly. Then, follow the in-app prompts to continue configuration.

3. Bluetooth Pairing

If previous modes are unsuccessful, ensure Wi-Fi is enabled. Press and hold the Network Connection button until the Wi-Fi indicator light blinks slowly, then follow the in-app instructions.

(Note: If the Wi-Fi indicator blinks rapidly after pressing the button, press and hold it again to switch to slow blinking mode.)

Maintenance & Care

To ensure your air purifier operates at peak performance, please follow these periodic maintenance steps:

Comprehensive Cleaning:

Perform a systematic and thorough cleaning every 3 months.

When the display changes from numbers to " -E- ", it indicates the unit requires cleaning and maintenance.

Cleaning--Photocatalytic Filter (See Fig. 1):

The primary materials are activated carbon granules and a photocatalyst.

After prolonged operation or use in high-humidity environments, remove the filter and place it in a well-ventilated area for 1-2 days.



Figure 1

Cleaning--Collecting Plates (See Fig. 2):

a. Clean the film using a vacuum cleaner or by gently washing with lukewarm water and a mild detergent.

b. After cleaning, ensure the film is completely dry before reinserting it into the device.

⚠ Caution

Do not use stiff brushes to clean the film, as this may cause damage.



Figure 2

Cleaning--Wire Frame (See Fig. 3):

If dust accumulates on the ionized carbon fiber bristles, gently remove it using a soft-bristled toothbrush. If dust or stains are present on the metal plate, wipe them off with a toothbrush or a damp cloth. Do not wash with water. For stubborn stains, wipe the surface with a damp cloth only.

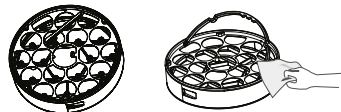


Figure 3

Cleaning--Pre-Filter: Rinse directly with water (See Fig. 4).



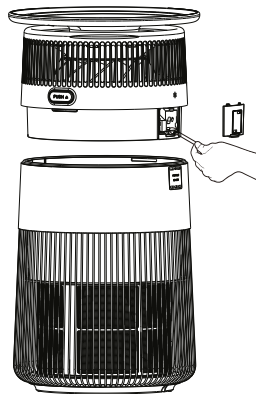
Figure 4

Important:

Before performing any maintenance, always power off the unit using the power button and disconnect it from the electrical outlet. If you are prone to allergies or have asthma, avoid direct contact with used pre-filters. Wear gloves when handling filters or wash hands thoroughly afterwards.

Sensor Care

To maintain sensor sensitivity, gently wipe the sensor sampling port with an alcohol swab (as shown in the diagram).



Frequently Asked Questions

Q1: There is an unusual/distinct odor when the new unit arrives.

This is normal for new units. Open the back panel and place the unit in a well-ventilated area until the odor dissipates.

Q2: An odor occurs after some time of use.

This can be caused by internal components or moisture in the photocatalytic filter.

Identify the source:Odors from internal components will be noticeable on the collecting plates.

Odors from the photocatalytic filter can be solved through maintenance as described in the "Maintenance & Care" on Page 6.

Q3: Why is the AQI display abnormal on the LCD screen? It's displaying " -E- " or " 9XX " instead of numbers?

Display of " -E- " means it is time to do a cleaning.

The " 9XX " is an electronics abnormal signal.

Please unplug the unit and do a full clean cycle and restart.

If the " 9XX " still exists, please contact customer service for further instructions.

Q4: The machine makes a "crackling" sound.

This occurs when lint or large particles enter the electric field, similar to the sound of zapping mosquitoes.

Occasional crackling is normal. If it happens frequently, it means a significant buildup of contaminants, and

"Comprehensive Cleaning" is recommended (see Page 6).

FCC Information

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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

(2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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, it 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 to an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for assistance.

Precautions

Usage Precautions:

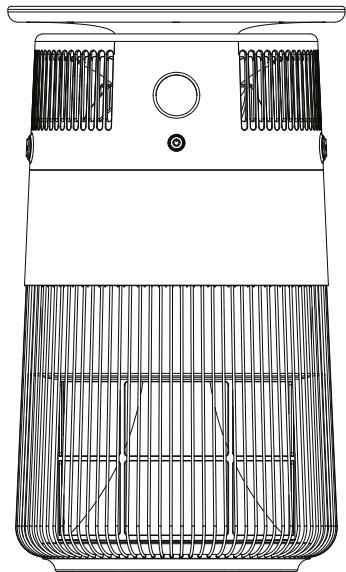
- 1.Place and use the product properly. Avoid impacts or drops to prevent damage or accidents.
- 2.Do not allow foreign objects to enter the air inlet, outlet, or internal parts of the unit.

When used simultaneously with gas-burning appliances (e.g., gas stoves, water heaters), ensure proper ventilation to prevent carbon monoxide buildup.

- 3.Do not use in environments containing combustible gases, combustible dust, or other flammable/explosive materials.
- 4.Avoid using in high-humidity areas such as bathrooms, or near humidifiers, to prevent internal moisture damage.
- 5.Keep away from open flames (e.g., fireplaces, stoves) and high-temperature devices such as heaters or hair dryers.

Safety Precautions:

- 1.Do not touch the power plug with wet hands to avoid electric shock.
- 2.Always disconnect the power supply before cleaning or performing any maintenance.
- 3.If the power cord is damaged, it must be replaced by qualified personnel from the manufacturer or an authorized service team member.
- 4.This product is not a toy. Do not allow children to play with it to prevent injury or damage.
- 5.For safety and proper operation, always keep the unit upright. The purifier will not operate if tilted and will resume normal function once returned to an upright position.



Technical Specification

Model	KJ300F-P50
Applicable area	30 m ² or 323 ft ²
CADR _{particle}	300 m ³ /h or 177 CFM
CCM _{particle}	P4
Purification Efficiency Level _{particle}	High Efficiency Level
Ozone (ppb)	≤10 (Safety Standard≤50)
Noise (dB(A))	≤66
Rated Power (W)	36
Rated Voltage	24V _~
Weight (Lbs)	17.6
Size (Inches)	22(H) × 13(Top φ) × 9.5(Bottom φ)

All figures above are all under the international standards of Air Purifier.



Designed by Airdog USA Inc.
Manufactured by Suzhou BeiAng Smart Technology Co., Ltd
No.175, Songbei Road, SIP, Suzhou City, Jiangsu Province, China



Warranty

The Company warrants this product to the original purchaser to be free from defects in workmanship and materials under normal use and service (all except human matters) for 1 year from the date of receiving.

 Airdogpro
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 Official Website : www.airdogusa.com

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Unit 10 West Covina, CA, 91790



Scan QR code for more Video Instructions
(Airdog Youtube channel)



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