

Airdog X3

(Generation 2)

User Manual



Purification System



What's in the Box

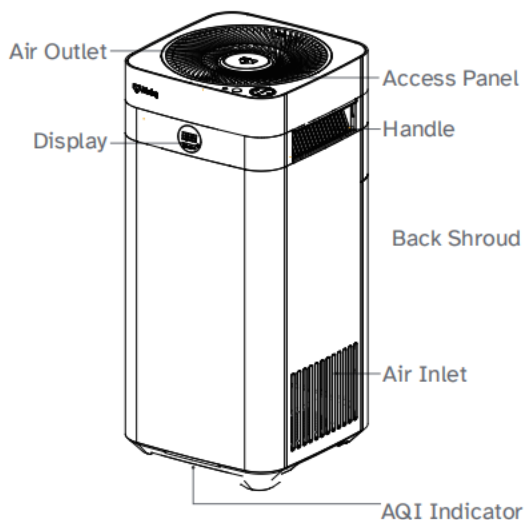
Machine

Collecting plates

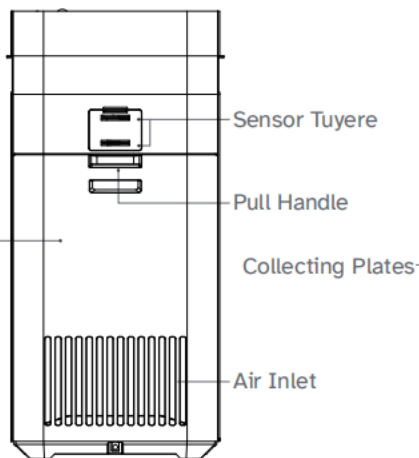
User Manual

Components

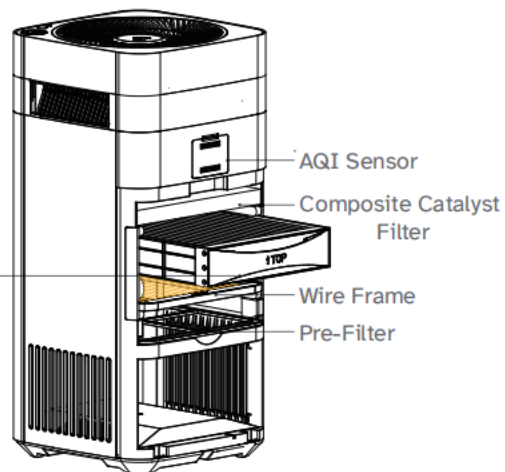
Front/Side



Back

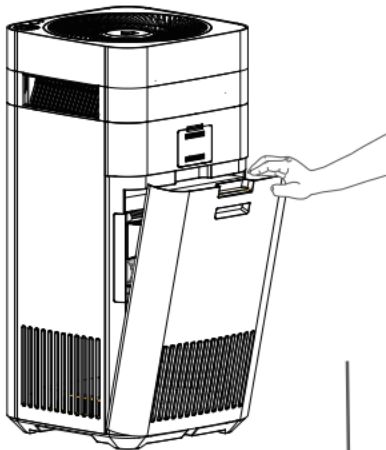


Internal Structure

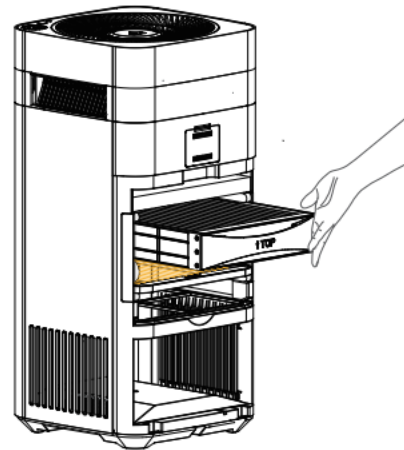


Installation Guide

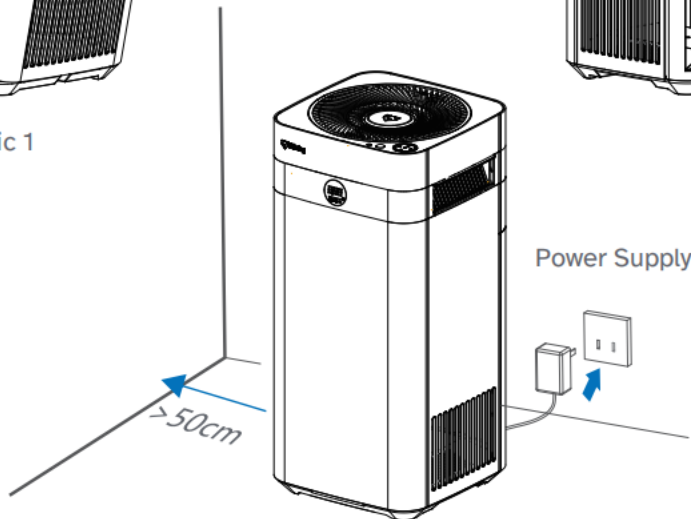
1. Take the collecting plates out of the foam box (if any styrofoam packaging pieces are on the plates, blow or brush them out before installing the collecting plates);
2. Use the pull handle to open the back access panel (Pic 1);
3. Insert the collecting plates in the orientation described on the label (Pic 2);
4. Close the back shroud and place the air purifier in an open location to achieve the best cleaning effects.



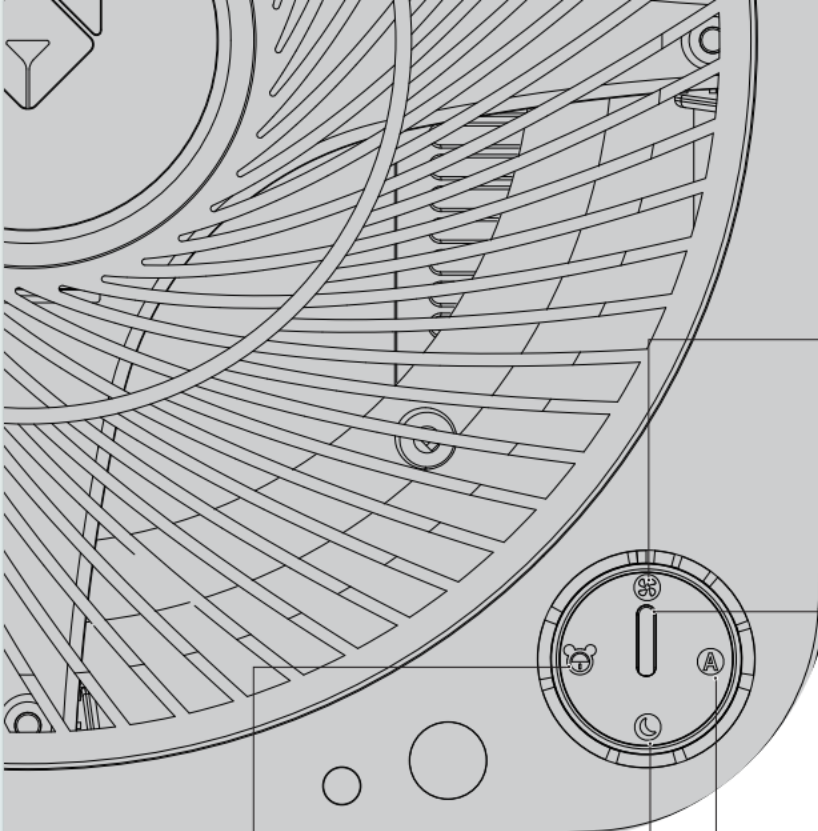
Pic 1



Pic 2



Pic 3



Operation Instruction

Wind Speed Indicator Light

Left Light : Slow Mode
Middle Light : Mid-speed Mode
Right Light : High Speed Mode
ALL Lights : Turbo Mode

Power Button

A short press (approximately 1 second) turns the power ON. A long press (over 3 seconds) turns the power OFF. When power is ON, each short press cycles through auto-mode ON/OFF, different fan speeds, sleep mode, etc...Check indicator lights to understand each operation mode.

Auto Mode Indicator

When this light is on, the air purifier is running under Automatic mode. It automatically senses the air quality and adjusts its running speed according to the air quality level. This is the most energy efficient mode and we recommend keeping the purifier in this mode most of time.

Sleep Mode Indicator

When Sleep Mode is activated, all display lights turn off except for the Sleep Mode indicator. The purifier is still cleaning the air.

Child Lock Indicator

When the Child Lock is enabled, the indicator light will remain on and the control buttons will be disabled. The Child Lock function can only be enabled or disabled through the app.

Display and Air Quality Indicator Instruction

Green:

Excellent
AQI ≤ 50

Yellow Green:

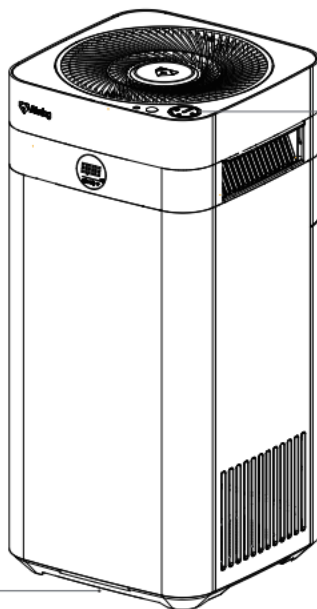
Good
 $50 < \text{AQI} \leq 100$

Yellow:

Moderately Polluted
 $100 < \text{AQI} \leq 150$

Red:

Hazardous
AQI > 150



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AQI (Air Quality Index)

This is a calculated air quality index based on the particle numbers that the sensor measures in the air. Ranges from 0-500.

L4

Wind Speed Indicator

L1-L4, slow to fast.

-[-]

Cleaning Reminder

Displays when collecting plates need to be washed.

9XX

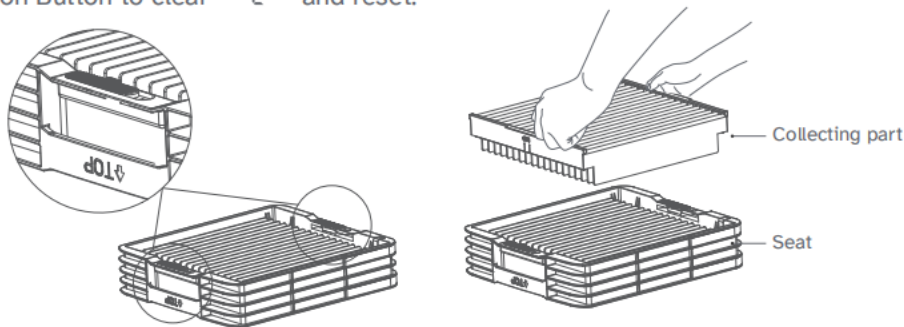
Faulty Reminder

When "9XX" keeps appearing on the display after running for more than 3 minutes, and power indicator is blinking, clean the unit and make sure to put every part back correctly and make solid contact. Please move to the Full Cleaning Cycle section for more cleaning details. If "9XX" is still on the display after cleaning, please contact customer service for further help.

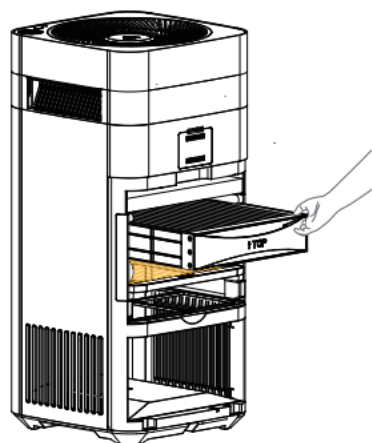
AQI numbers are calculated based on the real time particles numbers in some air volume according to United States Environmental Protection Agency (EPA). The numbers could be affected by the air flow speed, air purifier position and ambient environment. AQI is an indicator of air quality. As the AQI increases, an increasingly large percentage of the

Fast Drying (FD) Collecting Plates (Optional)

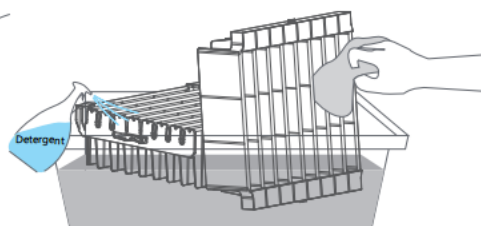
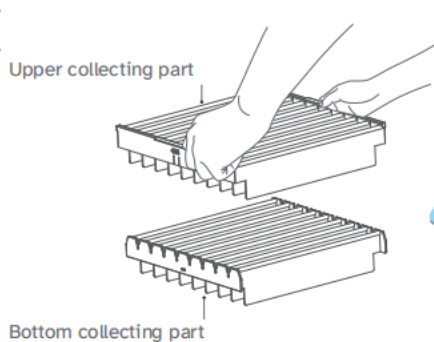
1. Clean the collecting plates when the air purifier displays “-[-”.
2. Turn off the power and unplug the unit. Wait 5 minutes. Then open the back access panel and pull out the collecting plates (Pic 1).
3. Follow the instructions on Pic 2 and Pic 3.
 - a. Slide to separate the seat and collecting part.
 - b. Separate the upper collecting part and bottom collecting part to wash.
4. Dry the collecting plates after cleaning (recommend over 24 hrs of drying time).
5. Put back the collecting plates in the direction of labeling.
6. Long press the Operation Button to clear “-[-” and reset.



Pic 2



Pic 1



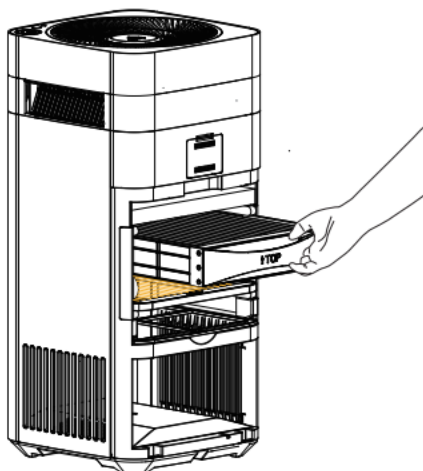
Pic 3

Collecting Plates, Original (Optional)

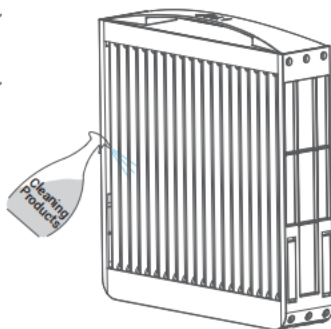
1. Clean the collecting plates when needed and when the air purifier displays “-[- ”.
2. Turn off the power, open the back shroud and pull out the collecting plates (Pic 1).
3. Place the collecting plates into a container or tub and use a soft-bristle brush to clean the sheets of metal (Pic 3).

Cleaning Tips:

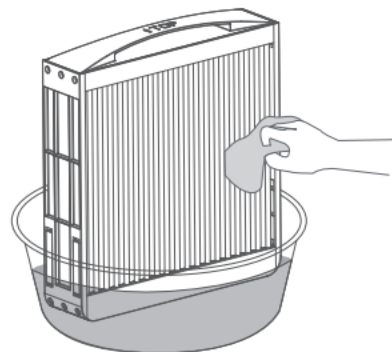
- a. Soak the collecting plates for 10 minutes before brushing to make it easier to clean.
 - b. Spray or soak with a neutral, non-harsh detergent (Pic 2). **DO NOT USE** a corrosive detergent such as a laundry powder.
 - c. Don't be concerned if you see small stains on the surface of the metal after repeated cleanings— this is normal wear and does not impact the purification process.
4. Dry the collecting plates after cleaning. You can either use a hair dryer or natural sunlight (recommend drying time is over 24 hrs).
 5. Put the collecting plates back into the unit (once fully dried) in the direction the labeling indicates.



Pic 1



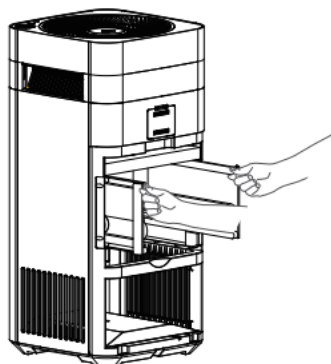
Pic 2



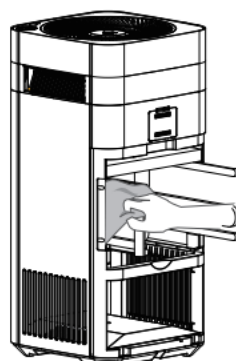
Pic 3

Full Cleaning Cycle

1. We recommend a complete cleaning every 6-12 months.
2. First, unplug the power supply. Open the back shroud. Pull out the ionization Wire Frame and Collecting Plates. Pull out the protective rubber sleeve as illustrated (in Pic 1).
3. Clean the ionization wire frame very gently with a soft sponge, wiping in 1 direction, and clean the Collecting Plates with water and a rag.
4. Use a wet cloth to wipe down all surfaces of the internal protective rubber sleeve, including notches recommended cleaning every 3 months.
5. Clean the inner walls of the air purifier with a soft cloth (Pic 2).
6. Wash the pre-filter in water, clean it by vacuum, or brush it gently with a soft brush.
7. Dry the parts completely, 100% dry, and then put them back in order.



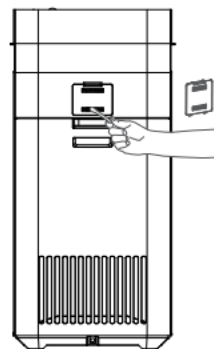
Pic 1



Pic 2

Air Quality Sensor Cleaning

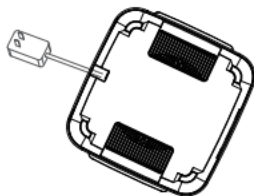
Airdog air purifier has an embedded air quality sensor. To keep the air quality sensor reading correctly, please clean the sensor every 6 months, using a dry soft rag or cotton swabs with rubbing alcohol as illustrated.



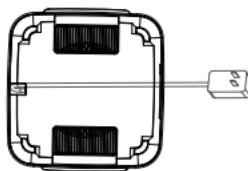
Power Cord Reminder

1. Please run the power cord directly from the back (Pic 1), DO NOT coil or run the power cord under the bottom of the air purier. Keep it free and clear from obstructions (Pics 2 & 3).

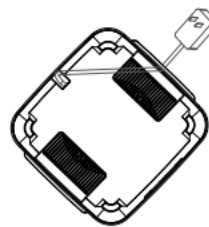
2. Follow the instructions above to avoid creating problems with the electromagnetic compatibility of the purifier.



Pic 1 Correct



Pic 2 Wrong



Pic 3 Wrong

Important Notices! Follow All of These Instructions!

Cleaning and Usage Notices:

1. Turn off the power and unplug the unit before performing any cleaning or maintenance.
2. This is an advanced electronic smart appliance using high voltage but very low current inside. It is built for safety. Always wait 5 minutes after turning off the power and unplugging the unit before opening up the back shroud to allow the unit to dispense of built-up internal static.
3. ONLY use the original adapter.

Safety Notices:

1. To prevent damage to the inner components, avoid impacts or dropping the unit.
2. Do not block or put objects into the Air Inlet or Air Outlet.
3. Do not touch the power plug with wet hands.

Placement Notices:

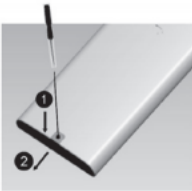
1. Do not use it around flammable or explosive environments with combustible gas or dust.
2. Do not use it in wet environments (for example: beside a humidifier).
3. Do not use it near a heat source or in a high temperature environment.

Remote control operation

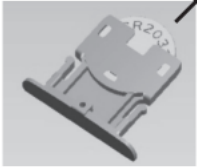
Power	Power on/off
Child lock	Enter/Cancel child lock function
Speed +/-	Adjust the manual speed.
Turbo	Enter the manual mode and go to max speed(speed 4)
Sleep	Enter to sleep mode
Auto	Enter to Auto mode
Reset	Reset the the cleaning indicator



Battery replacement method



Insert the ball-bead nib or similar sharp tool into the hole at the bottom of the back of the remote control and move it down.



When removing the battery, pull it in the direction of the arrow. Battery used: CR2032

Q&A

Q1: I am concerned about the product safety. May I know more details?

Airdog X3 Gen 2 is built around Safety 1st! We have implemented the following:

- A. Smart control: The “smart electronics” control circuit continually monitors the current and voltage levels, and suppresses them whenever there’s any abnormal situation;
- B. Anti-fire: Airdog X3 Gen 2 is manufactured with the highest V0-grade fire retardant plastics housing;
- C. Child lock: It prevents improper operations when children are playing around it;

Q2: Airdog X3 Gen 2 uses high voltage inside. Is it safe for home use?

Airdog X3 Gen 2 uses an advanced electronic design built around safety. The power consumption of Airdog is equivalent to only a small light bulb! It has high voltage inside but very low current in the order of micro-amps. The high voltage runs on direct current to avoid any possible electronic perturbation.

Q3 : Do I have any maintenance cost if I own an Airdog X3?

Airdog X3 Gen 2 is a cost effective and environmentally green solution.

- A. Collecting plates in Airdog X3 Gen 2 is a washable and reusable part, so no more need on spending money on HEPA filters.
- B. Composite catalyst layer is also reusable; you may put it directly under the sunlight for 1~2 hours to refresh it. However, some customers might be very sensitive to any smell and desire to change the composite catalyst layer every 6-24 months to refresh the smell. The cost of the catalyst layer is only a small fraction of the cost of HEPA. To replace the catalyst layer, please contact your sales resource where you bought Airdog X3 Gen 2.

Q4: How can I know that my air purifier is really cleaning the air?

The best part of Airdog X3 Gen 2 air purifier is that you could see the effect with your own eyes! You will notice the AQI (Air Quality Index) number decreasing when the air purifier is on. Also, after using X3 Gen 2 for a week, you can actually see many of the pollutants absorbed on the collecting plates when you take the plates out to clean.

Q5: Why is the AQI display abnormal on the LCD screen? It’s displaying “-C-” or “9XX” instead of numbers?

Display of “-C-” 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.

Q6: Why isn’t the AQI display changing numbers?

The dust accumulated on the sensor could cause the sensor to be insensitive to reading the air quality. Please clean the sensor with a dry cloth or a cotton swab with alcohol.

Q7: I heard a “cracking” or “zapping” noise inside the unit. Is that normal?

The occasional “zapping” or “cracking” is normal when bigger particles enter the air purifier and are being zapped by the high voltage, similar to when a bug zapper traps a bug. However, if the “cracking” or “zapping” noise is constant, you should clean the unit and make sure that all parts in the unit are fully dried after you clean the unit. Approximately 80% of noise issues are caused by either dust/particle accumulation on the collecting plates and/or inner chamber, or by wet collecting plates. Normally a full clean cycle will take care of this all.

Q8: When should I do a full cleaning cycle?

- A. When “-C-” is on the display screen.
- B. B.When “9XX” keeps appearing on the display after running for more than 3 minutes even after cleaning the collecting plates.
- C. “Cracking / zapping” sounds still exist after cleaning the collecting plates.
- D. The unit shutdown and restarts automatically.

Note: Please refer to the “Full Cleaning Cycle” section in the user manual for details.

Q9: Can I clean Airdog X3 Gen 2 by putting the whole unit in the dishwasher?

You should not put the whole Airdog X3 Gen 2 unit into the dishwasher! Only the collecting plates is OK to be washed by a full wash cycle. Please make sure the collecting plates unit is fully dried before putting it back into your Airdog X3 Gen 2.

There could be water residue inside of the collecting plates even after the drying cycle sometimes, so make sure to take the time to fully dry them.

For more details, please visit the Official Website for the App Guide.

FCC Statement

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.

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

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

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, 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.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.



Technical Specification

Model	KJ200F-X3D
Applicable Area (m ²)	215 SQF or 20
CADR Particle (m ³ /h)	200
Ozone (ppb)	≤10 (Safety Standard≤50)
Noise (dB(A))	≤58
Rated Power (W)	27
Rated Voltage (V)	13 ~
Weight (Lbs)	11
Size (Inches)	22 (H) * 10.6 (L) * 10.2 (W)

All of the figures listed above comply with international air purifier standards.

This product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24-hour period. The Health Canada Guideline 2010 recommends that the maximum exposure limit, based on an averaging time of 8 hours, is 0.020 ppmv or less when tested in a sealed, controlled room approximately 30m³.



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, to the original purchaser only, this product 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.

 Customer Service : airdogint@gmail.com

 Official Website : www.airdogint.com

 Address(China): Building 1, NO. 175 Songbei Road,
Suzhou Industrial Park, Suzhou, Jiangsu, China

 Address(USA): AirdogUSA Service Center
1611 W. SAN Bernardino rd, unit 10,
West Covina, CA 91790



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



Please Recycle