

Purification Theory



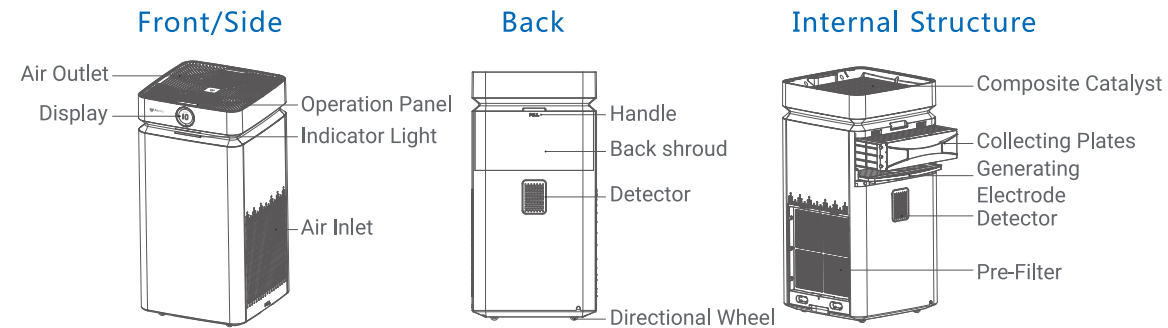
Packing List

Air Purifier Main Body×1
Detector×1

Collecting Plates×1
Manual×1

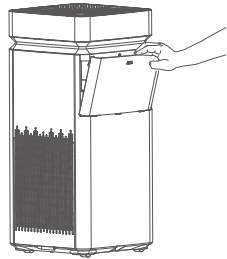
Generating Electrode×1

Components

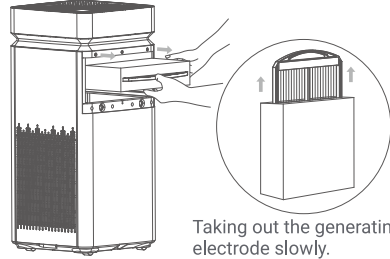


Installation Guide

1. Use the pull handle to open the back shroud (Pic 1);
2. Take the generating electrode slowly out of the foam box -If any styrofoam packaging pieces are on the plates, blow or brush them out before installing the collecting plates (Pic 2);
3. Ensure that the protective rubber sleeve is in the right place. (It is normal to see rubber sleeve off after transporting because it is dismantable and washable.)
4. Take out the collecting plates from the box. Insert the generating electrode and collecting plates in the orientation described on the label (Pic 3).

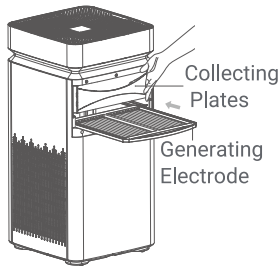


Pic 1

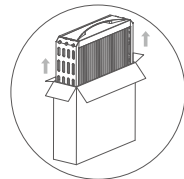


Taking out the generating electrode slowly.

Pic 2



Pic 3



Taking out the collecting plates from the box.

Operation Instruction

Screen Indicator Control

Press it to turn off the indicator light and turn down the brightness on the display.
(It doesn't control the running mode and wind speed, etc.)

Children Lock Indicator

The indicator stays on:

Operation button is locked.

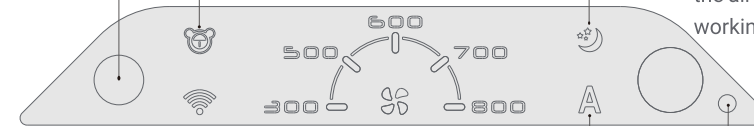
Press and hold the operation button to turn off the child lock function and shutdown.

Turn off the child lock function by the App.

Attention: Use the App only to turn on the child lock function.

Sleep Mode Indicator

All display lights are off except the sleep mode indicator. The Air purifier is cleaning the air in silent mode. PM2.5 sensor stops working.



Auto Mode Indicator

In Auto Mode, the air purifier senses PM2.5 and adjusts the wind speed according to the air quality level automatically.

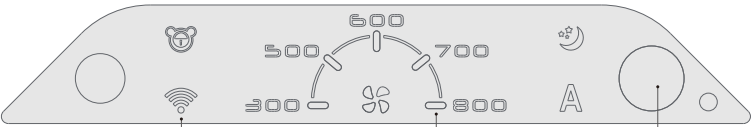
Power Indicator

Indicator lights up when the power is on.

Indicator light is off when the power is off.

Indicator blinks when the unit needs cleaning and maintenance.

Operation Instruction



WiFi Light
On: WiFi is connected.
Off: WiFi is not connected.

Wind Speed Indicator
Air Volume of each wind speed.

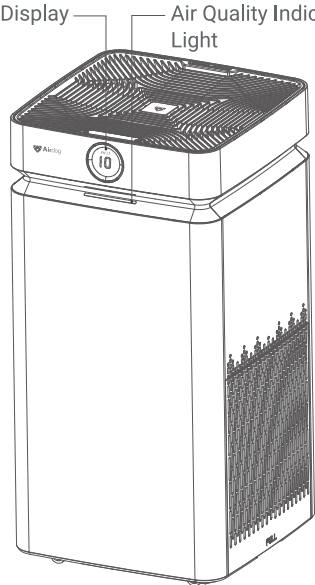
Operation Button
When air purifier powers on:

1. Press (approximately 1 second): start up (default is Auto mode).
2. Press again: 300 air volume.
3. Press again: 500 air volume.
4. Press again: 600 air volume.
5. Press again: 700 air volume.
6. Press again: 800 air volume.
7. Press again: Sleep mode.
8. Press again: Auto mode (back to step 1).
9. Press and hold for 3 seconds (under any mode): shutdown.

Press and hold operation button when cleaning reminder is on. Clear cleaning reminder and reset.

Press and hold operation button when children lock indicator is on. Turn child lock function off and shutdown.

Display and Air Quality Indicator Instruction



Display
Air Quality Indicator Light

Concentration of PM2.5
Displays concentration of PM2.5 when it is properly functioning.

Detector Off-Line Reminder
Displays "—" when detector is off-line.

Cleaning Reminder
Displays when collecting plates need to be washed. Press and hold operation button to reset after cleaning.

Faulty Reminder
When "9XX" appears on the display, 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.

Green:
Excellent
PM2.5 ≤ 35 ug/m³

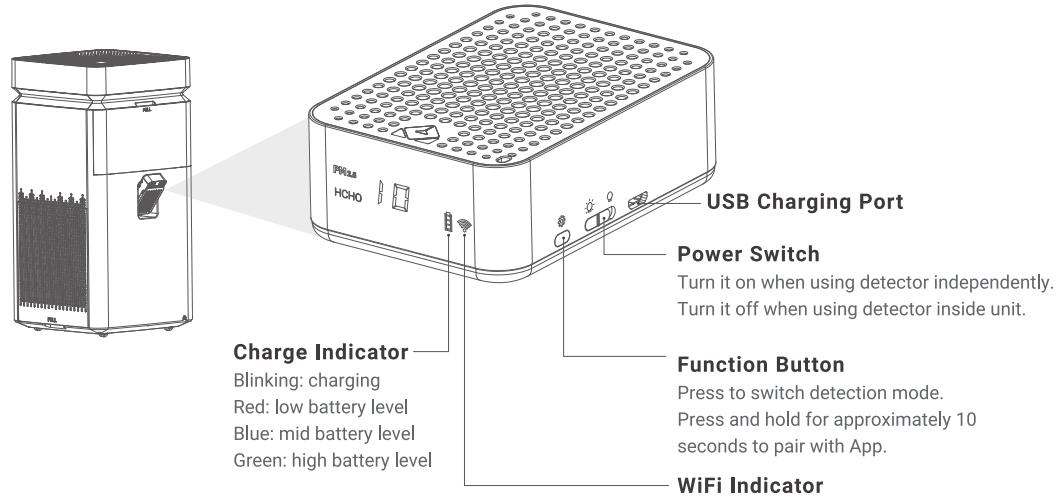
Yellow Green:
Good
35 ug/m³ < PM2.5 ≤ 75 ug/m³

Yellow:
Moderately Polluted
75 ug/m³ < PM2.5 ≤ 150 ug/m³

Red:
Hazardous
PM2.5 > 150 ug/m³

PM2.5 numbers are calculated based on the real time particle 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.

Detector



Warning:

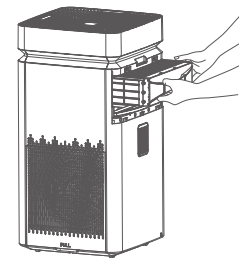
- About readings in detector:
 - The values are for reference only, not for legal ground.
 - The reading of formaldehyde will be influenced by alcohol, nicotine, perfume, etc.
- Recharger:
 - Use DC5V/1A recharger. DO NOT use 5V/2A (will damage the detector).
- DO NOT use a cellphone quick charger.
- Keep away from heat and fire sources.
- Turn it off when carrying.

Friendly Reminders:

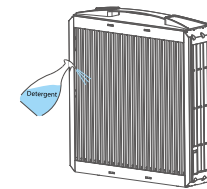
- To recharge the detector, put it in the unit.
- Turn off the detector before putting it inside the unit.
- Detector can be charged inside the unit or by recharger whether the battery is on or not.

Collecting Plates Cleaning

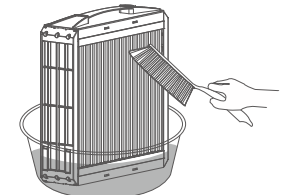
- We recommend you to clean the collecting plates when the air purifier display "CLEAN".
- Turn off the power, open the back shroud and pull out the collecting plates (Pic 1).
- Put collecting plates into a container and use a cleaning brush to clean external sheet metal by water (Pic 3).
 - Remarks:**
 - It is better to use detergent and soak for around 10 mins before brushing the collecting plates. Do not soak for too long in order to protect the normal functioning of the collecting plates (Pic 2).
 - Choose a neutral detergent. DO NOT USE a corrosive detergent such as a daily laundry powder.
 - Do ignore the small stains on the surface of the sheet metal as it will not seriously affect the use of the air purifier.
- Dry the collecting plates after cleaning. Use a hair dryer or natural sunlight. Recommended drying time is over 24 hours.
- Put the collecting plates back in the proper direction using the labels on them.



Pic 1



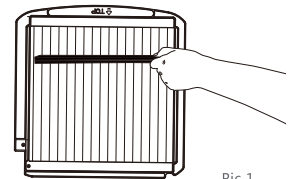
Pic 2



Pic 3

Ionization Wire Frame Cleaning

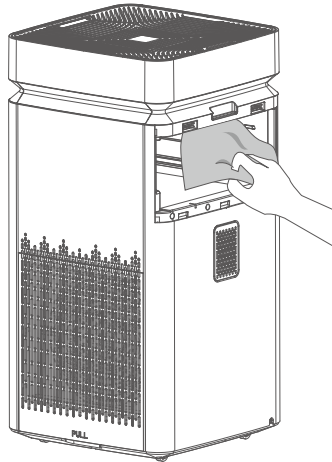
- We recommend you to clean the Ionization Wire Frame when the air purifier appears abnormal sounds, such as "popping or cracking".
- Use soft cloth or sponge to clean the Ionization Wire Frame track by sliding up-down gently.
- Insert the Ionization Wire Frame in the direction of labeling.



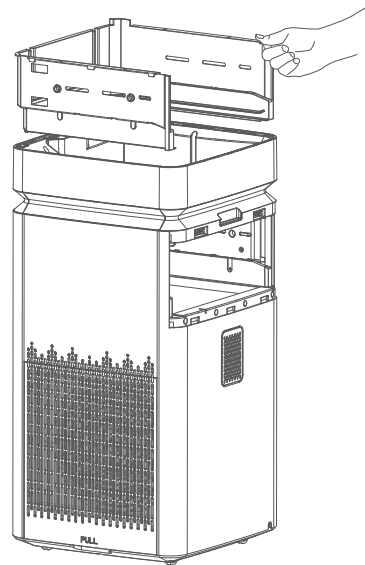
Pic 1

Full Cleaning Cycle

1. Unplug the power supply. Then open the back shroud and pull out the generating electrode and collecting plates.
2. Clean the collecting plates properly according to the previous instructions.
3. Use a wet cloth to wipe down all surfaces of the protective rubber sleeve, including notches.
(Recommended to clean every 3 months.)(Pic 1)
4. If dust accumulates on the protective rubber sleeve, please open the upper shroud and remove the composite catalyst filter. Then take out the rubber sleeve and wash it in water. Please dry it for over 24 hours. (Recommended to wash every 6 months.)(Pic 2)
5. Wash the pre-filter in water and dry it.
6. Dry the parts completely, then put them back in order.



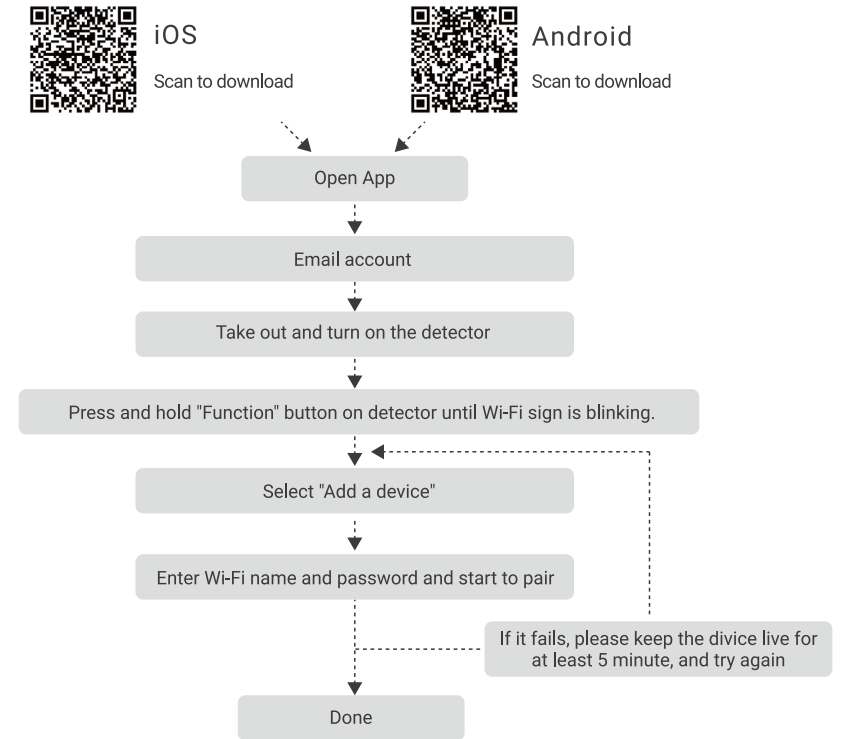
Pic 1



Pic 2

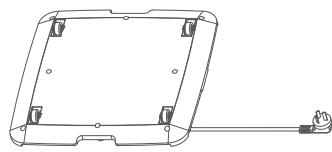
App Setting

Please keep your Wi-Fi on to help you finish your App setting.

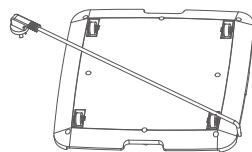


Reminder

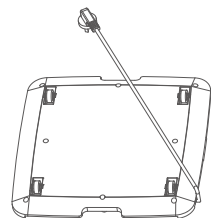
1. Please take out the line cord from back directly (Pic 1), DO NOT coil or run the power cord under the bottom of the air purifier. Keep it free and clear from obstructions.(Pic 2, Pic 3)
2. Follow the instructions above to avoid creating problems with the electromagnetic compatibility of the purifier.



Pic 1 Correct



Pic 2 Wrong



Pic 3 Wrong

Notices

Usage Notices:

1. Turn off the power before cleaning and maintenance.
2. DO NOT use if the power cord is broken or damaged. Ask a professional electrician to replace it.
3. The purifying effect of an air purifier differs from that of a central ventilation system.

Safety Notices:

1. To prevent damage to the inner components, avoid impacts or dropping the unit.
2. Keep purifier away from children.
3. Do not block or put objects into the Air Inlet or Air Outlet.
4. Do not touch the power plug with wet hands.
5. Use the recharger suggested in the [Detector](#) section to charge the detector's inner battery. Avoid any impact, falling, or being near a heat source.
6. Collecting plates are heavy. Please take out carefully using two hands.

Placement Notices:

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

Q&A

1. I am concerned about the product safety, may I know more details?

Airdog X8 is built around a Safety 1st motto! 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 X8 is manufactured with the highest V0-grade fire retardant plastics housing;
- C. Child lock: It prevents improper operations when children are playing around it;
- D. International reputable third-party verification: Airdog X8 has passed safety test requirements including but not limited to CE etc.

2. Airdog X8 uses high voltage inside, is it safe for home use?

Airdog X8 uses an advanced electronic design built around safety. The power consumption of Airdog is equivalent to 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.

3. Do I have any maintenance cost if I own an Airdog X8?

Airdog X8 is a cost effective and environmentally green solution.

- A. Collecting plates in Airdog X8 is washable and reusable, so no more spending on HEPA filters and others.
- B. Composite catalyst is 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 might have 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 X8.

4. I heard a "cracking" or "zapping" noise inside the unit. Is that normal?

The occasional "zapping" or "cracking" is normal when the bigger particles enter the air purifier, 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. 80% of the noise issues are caused by dust 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.




Airdog X8


GUIDE

Silicon Valley Air Expert

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.

 Airdogpro
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 Airdogpro
Follow us on twitter

 Customer Service : support@siliconvalleyairexperts.com

 Official Website : <http://airdogusa.com/>



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



Please Recycle



5. Can I clean Airdog X8 by putting the whole unit in the dishwasher?

You should not put the whole Airdog X8 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 X8. 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.

6. How could I confirm that the collecting plates is fully dried?

Please put the collecting plates in a dry space for at least 24 hrs. You may put tissues or a paper towel under the collecting plates to check if it is fully dried.

7. Why does Airdog App connection fail?

- A. Airdog App does not support IPv6 network environment.
- B. Make sure your Wi-Fi is in 2.4GHz.
- C. The home Wi-Fi environment could be complicated. To verify if the smart control system is functional or not, you could use the hotspot on another phone instead of the home Wi-Fi to make a connection. The hotspot could simplify connection complexity and verify the hardware function.

About Airdog X8

Model	KJ800F-X8
CADR _{particle} (m ³ /h)	800
CADR _{formaldehyde} (m ³ /h)	320
CCM _{particle} /CCM _{formaldehyde}	P4/F4
Purification Efficiency Level _{particle}	High Efficiency Level
Purification Efficiency Level _{formaldehyde}	High Efficiency Level
Ozone (ppb)	≤10 (Safety Standard≤50)
Noise (dB(A))	≤63
Rated Power (W)	110
Rated Voltage	220V~
Rated Frequency	50Hz
Weight (kg)	19.7
Size (m)	0.76 (H) * 0.38 (L) * 0.38 (W)

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



Designed by Silicon Valley Air Expert
Manufactured by Anhui BeiAng Air Tech Ltd.
No.15, Exi Rd., San Shan District, Wuhu, Anhui