FOR USE
MALAYSIA ONLY

User Manual

CAC-D2010FW

CUCKOO

In&Out Air
CUCKOO Air Cleaner



CUCKOO



Dear customers,
Thank you for purchasing CUCKOO Air Purifier.

Please keep this manual.
This manual will be of great help when you have any question or when the functions do not work properly.

Characteristics and Merits of CUCKOO Air Purifier

These are the merits of our Air Purifier.

Air Purification function
The product filters fine dust in the air by using a Ultra PM 2.5 Filter mounted at the inlet of the product.

Toxic Gas purification
The product has a Filter for removing harmful gas, and removes odor in the air to keep the indoor air clean.

Air Volume Control function
You can control the fan speed according to the environment.

Timer function
You can set the operation time when you go out or sleep through the Auto ON/OFF function.

4–Level Automatic Operation function through Pollution Sensor
The product checks the pollution status of the air indoors in real time through the Pollution Sensor. When you select the Automatic Operation, the product automatically controls the air volume according to the surrounding pollution degree to make the indoor environment pleasant.

Cleanliness Display
The product automatically detects the cleanliness of the indoor air through the Pollution Sensor and displays the cleanliness. This function improves the indoor interior. Also, the light can be turned ON/OFF by using the Power–Saving function.

The Product Warranty is included in the User Manual.
Please read the User Manual before use and properly use the product. After you have read the User Manual, keep it where all the users can read at any time.
Caution : If you want to use the product for a long time without a malfunction, please read the User Manual carefully.

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Warnings for Safe Use

- Please comply with the 'Warnings for Safe Use' as they are provided to ensure safe and proper use of the device and prevent accidents and dangerous situations.
- The 'Warnings for Safe Use' section is divided into 'Warning' and 'Caution,' which are defined as follows:

⚠ Warning
Potentially dangerous situation that can cause serious injuries or death if not avoided.

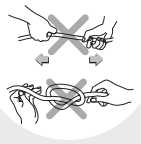
⚠ Caution
Potentially dangerous situation that can cause minor injuries if not avoided.

- ⚠ This symbol is to remind you to be cautious about a potentially dangerous situation under special circumstances.
- Please read the details carefully and follow the instructions to avoid dangerous situations.
- This symbol is used to indicate actions that are prohibited.
- This symbol is used to indicate 'instruction' actions.

About the Power Supply

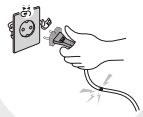
⚠ Warning *Do not*

Do not bend, tie or pull the Power Cord by force.



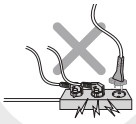
- This may cause electric shock or fire due to a short circuit. Please check the state of the Power Cord frequently.

Stop using the product if the Power Cord or the Power Plug is damaged or the Power Outlet is unstable on the wall. Please contact our Customer Service Center.



- If the sheath of the Power Cord is peeled off or chopped during use due to negligence, it may cause fire or electric shock. Thus, please check the state of the Power Cord, Power Plug and Power Outlet frequently.
- To prevent dangerous situations arising from the damage of the Power Cord or the Power Plug, please contact the manufacturer, distributor or certified technician (servicemen) for replacement.
- We strongly recommend that the damaged parts be repaired at a designated service center.
- If you do not do so, it may cause electric shock, short circuit, or fire.

Plug the power plug into a 220V–240V outlet with at least a rating of 10A and power surge protection. Do not plug in multiple devices into the same power outlet or extension cord simultaneously.



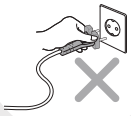
- When multiple devices are plugged into the same power outlet or if the device is plugged into an inappropriate power input, it may cause heating, fire and electric shock.
- If there is a foreign substance or water on the power plug, please wipe it clean before plugging it into the socket.
- Use an extension cord of 10A or higher.

When putting in or pulling out the Power Plug, first remove moisture from your hands and then put in or pull out the Power Plug by holding the Power Plug.



- Pulling out the Power Plug with wet hands can cause electric shock.
- Pulling out the power cord by excessive force can damage the Power Cord, causing a short circuit or electric shock. Please check the state of the Power Plug and the Power Cord frequently.

Use 220V–240V power input only.



- This may cause electric shock or fire.
- The device will not operate properly.
- Please check the state of the power cord and plug frequently.

In case of water leakage or cleaning, please unplug the device first.



- There is a risk of electric shock or malfunction. Please check the state of the Power Plug and the Power Cord frequently.

Wipe off any foreign substance from the Power Plug with a dry cloth.



- If you do not do so, it may cause electric shock or fire due to a short circuit. Frequently check the status of the Power Cord.

When unplugging the product, hold the Power Plug, not the Power Cord.



- Applying force to the Power Cord may cause electric shock or fire. Please check the state of the Power Plug and the Power Cord frequently.

About the Power Supply

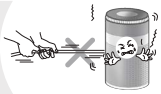
Warning Do not

Do not put the product or anything heavy on the Power Cord.



- It may cause damage to the Power Cord that could lead to fire, electric shock, or fall of the product.

When moving the product, do not pull the Power Cord.



- It may cause a damage to the product, electric shock, or fire. Please check the state of the Power Cord frequently.

Prevent the Power Plug and the Power Cord from being damaged by an animal or a sharp metallic object such as a nail.



- It may cause a damage to the Power Cord, leading to a short circuit, electric shock, or fire. Check the status of the Power Cord and the Power Plug frequently.

If water enters the power supply area, unplug the product and dry it completely before use.



- It may cause electric shock or fire. Please check the state of the Power Plug and the Power Cord frequently.

Please unplug the product before inspection, repair or replacement of its parts.



- There is a risk of malfunction or electric shock. Please check the state of the Power Plug and the Power Cord frequently.

Do not put in and pull out the Power Plug continuously.



- It may cause electric shock or fire.

Do not randomly connect or process the Power Cord.

- It may cause electric shock or fire.

Installation Guide

Warning Do not

Do not use the product outdoors where the product may get in contact with direct sunlight, rain or snow or places with moisture such as a laundry room or a bathroom.



- It may cause fire or electric shock due to heating and short circuit.

Do not place it in a bumpy or slanted area. Do not place it on a rug, cushion or laminated floor.



- It may cause malfunction, unwanted noise or injury. Please check the state of the product frequently.

Do not keep or use insecticides, combustible gas, inflammables, or toxic substances near the product.



- It may cause fire or a deformation or malfunction of the product.

Do not use the product where smell, smoke, or oil is generated such as a restaurant or a barbecue restaurant.



- It may cause a decrease in the performance.

Do not install the product in a place with excessive oil or smoke for industrial purposes or metallic dust.



- It may cause fire or a malfunction of the product.

Warnings for Safe Use

Installation Guide

Warning **Instruction**

Place the product at least 50cm away on the sides and 60cm away on the top from the wall and surrounding objects.

- Keep these distances for optimal performance.

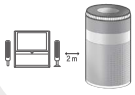


Please check if there is any obstacle around the product to ensure good air circulation.



Place it at least 2m away from electronic products such as a TV.

- It may cause a radio interference.



Open the windows for ventilation before using gas appliances, combustibles and other inflammables.

- There is a risk of explosion or fire.



Do not use the product to remove toxic gases such as carbon monoxide.

- It may cause a malfunction of the product.

Do not use the product as a ventilating fan or hoods for gas stove or electric ranges in the kitchen.

- It may cause poor performance of the product and filters.

Do not install or use the product near a curtain.

- The Pollution Sensor may not work properly.



Do not use the product for anything other than its intended purpose, e.g. preserving artworks, maintaining precision instruments and animal breeding.

- If you do not do so, it may cause electric shock or fire.

During Use

Warning **Do not**

Do not put any obstruction around the Air Inlet or the Air Outlet of the product.

- It may cause poor performance, abnormal noise, or malfunction of the product.



Do not put your finger or any other foreign substances such as a stick into the Air Inlet or the Air Outlet.

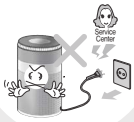
- You may get injured by the fan rotating at a high speed.
- It may cause a malfunction of the product.



If there is abnormal noise, smoke, or smell is emitted from the product, first pull out the Power Plug, and then contact our Customer Service Center.

- It may cause fire, burns, or injury.

Customer Service Center



Do not inject a toxic substance such as smoke of a cigarette into the porous part on the side of the product, or poke with a sharp object.

- It may cause a malfunction of the product, fire or electric shock.

Do not put heat of fire near the product.

- It may cause a malfunction or deformation of the product or fire.

Do not clean the interior of the purifier yourself please contact Customer Service for technical support.

- Otherwise it may cause malfunction of the product or an electric shock.



During Use

Warning Do not

Never soak the product in water.
- There is a risk of electric shock.



Do not sprinkle inflammables such as an insecticide or an air freshener to the Air Inlet.
- It may cause fire or poor performance of the product.



Do not stand on top of the product or put anything heavy.
- It may cause a malfunction of the product or injury due to fall or damages.



Please avoid using it near a heating device.
- It may cause fire or electric shock.



Keep out of the reach of children.
- Otherwise it may cause electric shock or injury.



Do not turn OFF by pulling the plug.
- It may cause an electric shock or malfunction of the product.



Do not move the product while it is working.
- It may cause fire or electric shock or partial damage to the product.



When opening the Filter Cover, please be careful not to let your body or any other foreign material get stuck in the product.
- It may cause an injury or malfunction of the product.



Be careful of any raised spot or obstruction on the floor when moving the product that may cause a scratch or damage to it.
- Although wheels are mounted on the bottom of the product for its mobility, the product has fairly low floor for its design.

After cooking, ventilate sufficiently before operating the product to purify air in the room.

Do not place a bowl with water, drugs, foods, small metallic materials, inflammables, etc. on top of the product.
- If spilled, the products may cause electric shock, fire, or damage.



Do not clean the product by spraying water or wiping out with benzene, thinner, etc.



If it's wet, contact our Customer Service Center.
- There is a risk of malfunction or electric shock.



Wash the Pre–Filter with water on a regular basis and dry it well before use.
- Otherwise it may cause a reduced performance of the product.
- Dry it in the shade.



Please replace the filters in a timely manner.
- It may cause poor performance of the product.



Do not push nor lean on the product. It may fall to the ground.
- It may cause an injury or malfunction of the product.



After cleaning, please make sure to put the parts in their original position.
- Otherwise it may cause malfunction of the product.

Do not lay the product for use.
- It may cause malfunction of the product.

Do not put the product near a window or places where the wind of an air conditioner or a heater can reach.
- It may cause malfunction of the sensors.



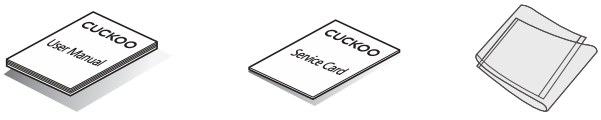
When turning off the product, be sure to press the power button to turn product off.
- This may cause product malfunction.

Name of Parts / Accessories

Part names



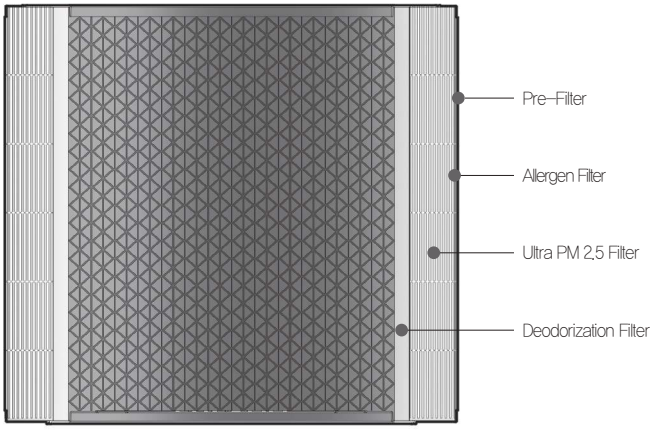
Accessories



User Manual　　Service Card　　Functional Filter

※ The picture may differ from the actual product.

Air Purifying



※ The picture may differ from the actual product.

Section	Ultra–Deo PM 2.5 Filter
Level 1	Pre–Filter
Level 2	Allergen Filter
Level 3	Ultra PM 2.5 Filter
Level 4	Deodorization Filter

Filter Functions

Pre–Filter		It removes large dust, hair, fur of pets, etc. and extends the replacement cycle of the filters.
Functional Filter	Allergen Filter	It removes alergic substances such as house dust mites and pollens.
Ultra–Deo PM 2.5 Filter	Ultra PM 2.5 Filter	Excellent at filtering dead bodies of mites, pollens, fine dust and smoke of cigarettes.
	Deodorization Filter	This activated carbon Deodorizing filter, effective in filtering unpleasant odor and harmful gases, is applied to remove smells of food, cigarette, animal fur, NO2 and bathroom.

Details to Check Before Use

Caution

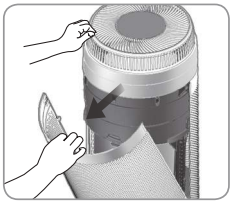
Caution: When you do not use the product for a long time, pull out the Power Plug.This product is exclusively for 220–240V~, 50Hz. Put the Power Plug in the appropriate Power Outlet.

Details to Check Before Use

❶ Open the filter cover.

▶ Please open the filter cover from the left upper part.

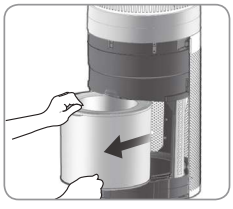
※ Be careful not to force open by pulling the lower part of the cover.
It may cause damage to the product.

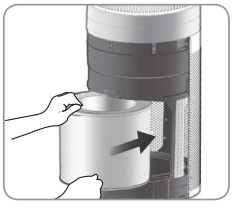


❷ Take out the filter and remove the vinyl wrapping.

▶ After removing the packaging vinyl, Please insert in product.

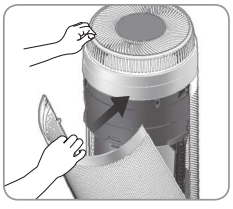
▶ Please make sure the filter is inserted properly with the upper part on top.





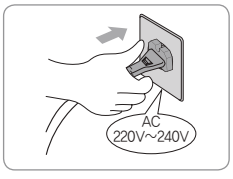
❸ Reassemble the Filter Cover onto the product.

▶ Be careful not to get any of your body or foreign material stuck in the product when reassembling the cover. ~~If you do not do so, it may~~
If you do not do so, it may cause an injury or a malfunction of the product.



❹ Connect the power supply.

▶ This product is exclusively for 220V~240V. Please connect the product to the appropriate Power Outlet.



❺ Press the ON/OFF button to turn ON the power and use the Mode button to set the desired operation mode.

※ Be sure to operate the filter assembly before operating the product.

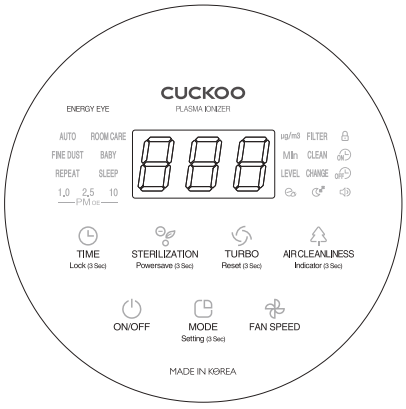
❻ Use the ON/OFF button to stop the operation.

▶ If the air cleaning operation was in progress, the fan will run for 10 seconds and stop.

▶ All the indicators on the Display Panel will be turned OFF.

Names and Functions of Control & Display Panel

Control Panel



ON/OFF

- **ON/OFF :** Start and stop the operation.

MODE Setting (3 Sec)

- **MODE :** Select the desired mode.
  ※ Each time the button is pressed, the mode changes in the order of AUTO, ROOM CARE, FINE DUST, BABY, REPEAT and SLEEP.

FAN SPEED

- **Fan Speed :** Adjust the fan speed in manual mode.
  ※ Each time the button is pressed, the speed setting changes in the order of BREEZE(Level 1), LOW(Level 2), MEDIUM(Level 3) and HIGH(Level 4).

TIME Lock (3 Sec)

- **TIME :** Preset AUTO ON/OFF and set time for REPEAT.

STERILIZATION Powersave (3 Sec)

- **AIR STERILIZATION :** Turn on and off the Plasma Ionizer.
  ※ Press the button, and the STERILIZATION button will be turned ON, and the Plasma Ionizer will start working. If you press the button again, the button will be turned OFF, and the Plasma Ionizer will stop.
  ※ Press the button continuously for 3 seconds to start the power saving mode, and press it for 3 seconds to return to previous operation mode.

TURBO Reset (3 Sec)

- **TURBO :** Select the TURBO mode.
  ※ Press the button to turn TURBO mode on. Press the button again to stop it from returning to the previous mode.

MODE Setting (3 Sec)

- **Mode** – Used to set the function mode.
  ※ If you press the button for three seconds or longer continuously in the waiting mode, the product will enter the Setting mode.
  ※ Begin with voice volume setting when entering the first function setting mode.
  ※ Every time the operation selection button is pressed, it changes in this sequence. "Filter replacement and cleaning notification setting – Sensor sensitivity setting – Screen light saving function setting – Energy Eye function setting – Turbo operation time setting – Auto mode Max air volume setting".

▶ Refer to How to Set Others in pages 23–26.



Names and Functions of Control & Display Panel

Control Panel



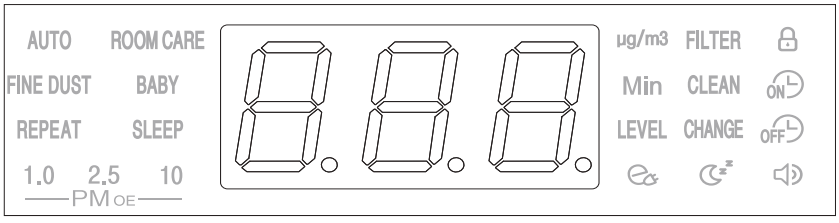


- **BUTTON LOCK :** Lock the buttons.
  - ※ If you press the button for three seconds or longer continuously during operation, the Button Lock function will be set. ("Loc" flickers three times on the display panel when the lock is set.)
  - ※ In the lock mode, press the button for three seconds to unlock the buttons. ("UL _" flickers three times on the display panel when the lock is released.)
  - ※ When Button Lock is set, "🔒" indicates, and "Loc" flickers three times on the display panel when any button other than TIME is pressed.



- **Air Cleanliness Display** – Used to check the current fine dust density value and set the cleanliness indicator.
  - ※ Each time the button is pressed during operation, the corresponding fine dust concentration is displayed for 5 seconds sequentially.
    (PM10 –〉 PM2.5 –〉 PM1.0 –〉 PM10 ...)
  - ※ PM10: Fine dust (size of particles less than 10um)
    PM2.5: Ultra fine dust (particle size less than 2.5㎛)
    PM1.0: Super fine dust (particle size is less than 1 ㎛)
  - ※ This indicator goes on when the button is pressed for three seconds while the unit is in operation and goes off when the button is pressed for another three seconds.

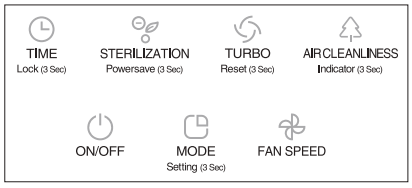
Display Panel



- **AUTO :** This indicates the product is in automatic air purification mode.
- **FINE DUST :** This indicates the product is in fine dust air purification mode.
- **REPEAT :** This indicates the product is in repeated air purification mode.
- **ROOM CARE :** This indicates the product is in room care air purification mode.
- **BABY :** This indicates the product is in air purification for baby mode.
- **SLEEP :** This indicates the product is in air purification during sleep mode.
- PM 1.0 / 2.5 / 10 – This indicates the corresponding fine dust concentration level.
- ug/m3 – This indicates the fine dust concentration.
- FILTER / CLEAN / CHANGE – This indicates filter needs to be replaced.
- **BUTTON LOCK(🔒) :** This indicates when the Button Lock function is set.
- **AUTO ON(ON) :** This indicates when the AUTO ON function is set.
- **AUTO OFF(OFF) :** This indicates when the AUTO OFF function is set.
- POWER SAVE( ) – This indicates Power Saving mode is activated.
- ENERGE SAVE( ) – This indicates Energy Saving mode is activated.
- 888SEG / Min / LEVEL – This indicates operation status, time and step according to mode.
- **VOICE(🔊)** : This indicates the Voice function is on. (voice setting function)

Names and Functions of Display Panel & Cleanliness Indicator

Display Panel



- **ON/OFF :** This indicates operation of the product. It goes off when the product stops operating.
- MODE – Each time the button is pressed, the mode changes in the order of AUTO, ROOM CARE, FINE DUST, BABY, REPEAT and SLEEP.
- **FAN SPEED :** This indicates the manual operation function is on.
- **TIME :** This indicator goes on when AUTO ON, AUTO OFF or REPEAT function is selected.
- **STERILIZATION :** This indicator goes on and off upon using the Plasma Ionizer
- **TURBO :** This indicates the product is in TURBO mode.
- **AIR CLEANLINESS :** This indicates for five seconds when AIR CLEANLINESS is selected.

Cleanliness Indicator

• Cleanliness Indicator: This displays the cleanliness of the indoor air with colors.

Pollution Level	Level 1 (Clean)	Level 2	Level 3	Level 4	Level 5	Level 6 (Pollution)
Air cleanliness Indicator	Blue	Teal	Green	Yellow	Purple	Red

※ If you do not operate the product in any way after connecting the Power Plug, no display will show. Press the ON/OFF button to start operating the product.

※ Make sure you hear a beep when pressing a button. This Control & Display Panel may look different from the actual appearance on the product.

※ Different fan speeds may affect the product performance for air purification.

※ The indicator goes off automatically when either SLEEP, BABY or MANUAL mode is selected.

※ To display air cleanliness, press the AIR CLEANLINESS button for three seconds. The settings are applied until the operation is shut. (Sleep mode and infant mode are set back to default when the power plug is removed.)

※ When different products are used in the same room, their ultrafine dust concentration readings may differ from one another according to the air flow.

※ The cleanliness color and the fine dust concentration value may be different to detected air pollution.

Self Diagnostic Mode / Basic Operation

Self Diagnostic Mode

For any incorrect use or when it does not work properly, the Display Panel will display the below signs to alert. If any of the below signs is displayed constantly even in the normal condition for use or after you have taken a countermeasure, contact our Customer Service Center.



This indicates a malfunction of the Filter Cover.
Remount the filter cover.
If the issue is still not settled, please contact our Customer Service Center.

Basic Operation

❶ Insert the plug into a wall outlet.

▶ The product will enter the waiting mode with a beeping sound.

❷ Press the ON/OFF button.

▶ ON/OFF and AUTO icons are lit up on the Display Panel, and the fan starts operating. The 3–digit display shows the current fan speed.

※ It runs in the previous operating mode, (Except TURBO)

※ If the Filter Cover is not mounted, an error code will show on the 3–digit display.

❸ Press MODE to select the desired operating mode.

▶ Each time the button is pressed, the mode changes in the order of AUTO, ROOM CARE, FINE DUST, BABY, REPEAT and SLEEP.

❹ Press FAN SPEED to select the desired fan speed.

▶ Pressing FAN SPEED changes the operating mode to MANUAL. Each time the button is pressed, the speed setting changes in the order of BREEZE(Level 1), LOW(Level 2), MEDIUM(Level 3) and HIGH(Level 4).



❺ Press TIME to set the time for the unit to go off.

▶ You can set the OFF timer while it's running by pressing the TIME button.

※ It flickers for three seconds and then stays on when the timer is set.

※ You can set the timer from 1 to 12 hours in units of an hour.

※ Preset the time to be "0H", and the AUTO OFF mode will be canceled.

❻ Press STERILIZATION to activate the Plasma Ionizer.

▶ If you press the button, the ion generation operation of the Plasma Ionizer will start and the icon will be turned ON. To stop it, press the button while the Plasma Ionizer is ~~in~~ running.

※ The Plasma Ionizer may make a crackling noise which is normal.

❼ Press TURBO to change the operating mode.

▶ Select this mode to speed up the air purification at the maximum fan speed.

※ TURBO indicator is turned on when this mode is selected.

※ To return to the previous operating mode, press the button again.

※ TURBO mode is set to run for 30 minutes. After that, it returns to the previous operating mode.

❽ Press AIR CLEANLINESS to check the ultra-fine dust concentration.

▶ Each time the button is pressed during operation, the corresponding fine dust concentration is displayed for 5 seconds sequentially.
(PM10 → PM2.5 → PM1.0 → PM10 ···)

※ PM10: Fine dust (size of particles less than 10um)
PM2.5: Ultra fine dust (particle size less than 2.5㎛)
PM1.0: Super fine dust (particle size is less than 1㎛)

❾ Press AIR CLEANLINESS button for three seconds to select the cleanliness indicator.

▶ Each time when the button is pressed for three seconds, the cleanliness indicator is turned on and off.

※ The indicator goes on automatically when AUTO, ROOM CARE, FINE DUST, REPEAT or TURBO is selected.

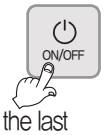
❿ To stop the unit, press the ON/OFF button again.

▶ All the lights of the Display Panel and the Front Display Panel will be turned OFF, and the product will enter the waiting mode.

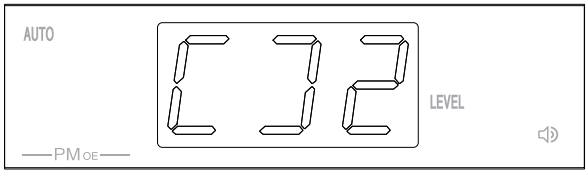
Operating Modes

AUTO

Mode to operate automatically depending on detected air cleanliness

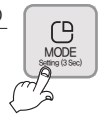


- In the standby mode, press the ON/OFF button once.
  (Initially, it runs in AUTO mode. If a different mode was set previously, it runs in the last set mode.
- It senses the cleanliness of air and adjusts the fan speed appropriate to it.
- It shows the current fan speed and cleanliness of air during operation.
- Press the AIR CLEANLINESS button for at least three seconds to activate or deactivate the cleanliness indicator.

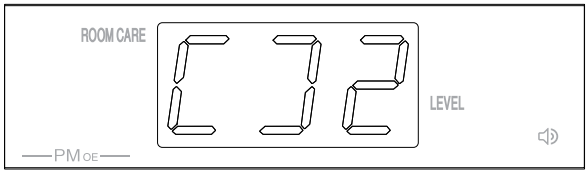


Room Care Air Purification

Mode to automatically adjust the air volume to suit the surrounding environment



- In AUTO mode, press the MODE button once.
- It auto controls the fan speed using preset algorithm.
- It shows the current fan speed and cleanliness of air during operation.
- Press the AIR CLEANLINESS button for least three seconds to activate or deactivate the ~~cleanliness~~ indicator.



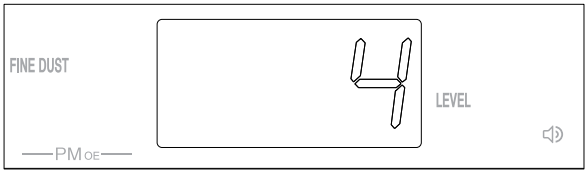
※ This control & display panel may look different from what you see on your product.

FINE DUST

Mode to automatically adjust the air volume to suit the surrounding environment



- In AUTO mode, press the MODE button twice.
- It auto controls the fan speed using preset algorithm.
- It shows the current fan speed and cleanliness of air during operation.
- Press the AIR CLEANLINESS button for at least three seconds to activate or deactivate the cleanliness indicator.

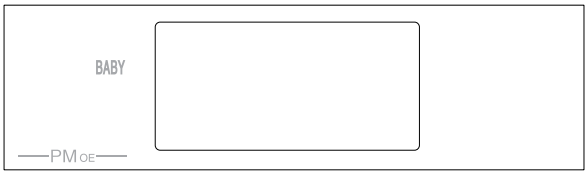


BABY

Mode for infant sleeping with the lowest noise and sterilizing function



- In AUTO mode, press the MODE button three times.
- It minimizes the air volume and operates the STERILIZATION function to help babies sleep well.
- Initially, the display panel shows MODE indicator for five seconds, and then only BABY mode stays on.
- The cleanliness indicator initially stays on for five seconds and then it will be turned off.



※ This control & display panel may look different from what you see on your product.

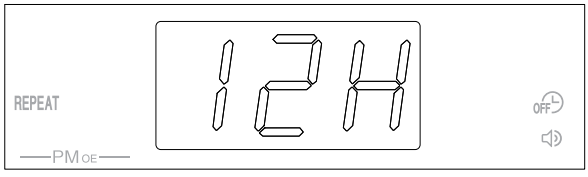
Operating Modes

REPEAT

Mode to ON / OFF by itself at set time



- In AUTO mode, press the MODE button four times.
- Press the TIME button to set up the repeating time. (The timer can be set from 1 to 12 hours in units of an hour.)
- If no TIME button is present, it repeats running and stopping hourly.
- If a mode was set previously, it runs on the previous set time.
- It repeats running and stopping depending on the set time.
- The operation is the same as in the AUTO mode.

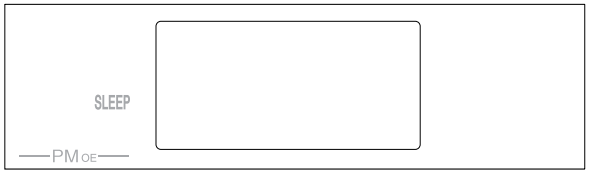


SLEEP

Mode with minimum air volume and display



- In AUTO mode, press the MODE button five times.
- It minimizes the air volume for quiet and sound deep sleep.
- Initially, the display panel shows MODE indicator for five seconds, and then only SLEEP mode stays on.
- The cleanliness indicator initially stays on for five seconds and then it will be turned off.
- To activate the cleanliness indicator, press the AIR CLEANLINESS button for three seconds. It stays on until the power plug is pulled out.



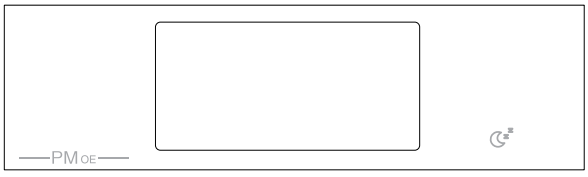
※ This control & display panel may look different from what you see on your product.

ENERGY SAVE

Mode saves energy by sensing indoor lighting

- When the Energy Eye Night Sensor senses darkness during operation, all indicators including the cleanliness indicator are turned off, and the Power Saving option is turned on.
- The Power Saving goes off when it gets bright or a button is pressed.

※ Please refer to Other Settings in page 25 for how to set the Energy Eye function.

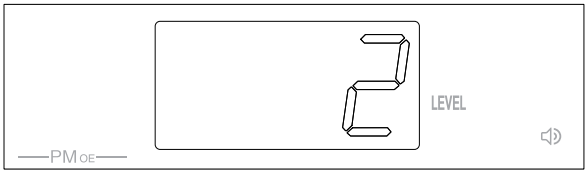


MANUAL

Mode that operates by selecting the desired wind strength



- Press the FAN SPEED button to enter the mode.
- Press the FAN SPEED button to set the desired fan speed to Breeze, Low, Medium or High. (Initially, it starts from the Breeze mode. If the speed was set previously, it runs at the previous speed setting.)
- It indicates the fan speed.
- The cleanliness indicator initially stays on for five seconds and then off.
- To turn on the cleanliness indicator, press the AIR CLEANLINESS button for three seconds.



※ This control & display panel may look different from what you see on your product.

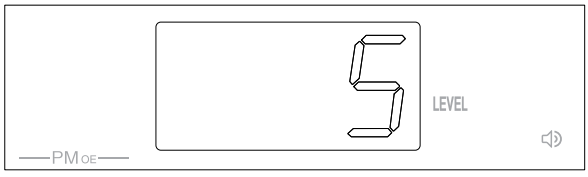
Operating Modes

TURBO

Mode to quickly remove dust with maximum performance



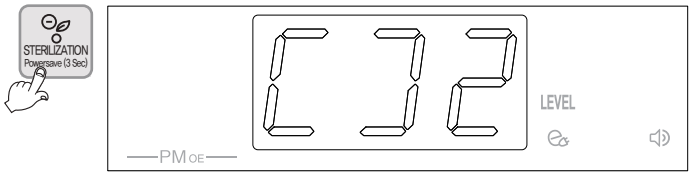
- Press the TURBO button once to enter the mode.
- The fan will speed up to the maximum speed to purify the air.
- It shows the current fan speed and cleanliness of air during operation.
- Press the AIR CLEANLINESS button for at least three seconds to activate or deactivate the cleanliness indicator.
- TURBO mode is set to run for 30 minutes. After that, it returns to the previous operating mode.
- The running time for TURBO mode can be changed in the settings.



POWER SAVING

Mode that efficiently manages energy when air is kept clean for a certain period

- Press the air sterilization button continuously for more than 3 seconds during operation.
- FAN operation is controlled according to cleanliness and ambient brightness by operating with minimum energy consumption.
- If the indoor air is kept clean for a certain period of time, "⊖"will light up and manage energy efficiently.
- The air cleanliness indicator can be selected and released by pressing the air cleanliness indicator button for 3 seconds.



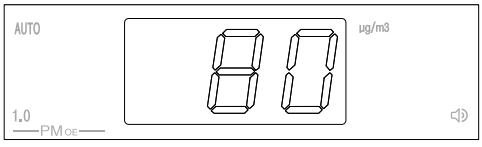
※ This control & display panel may look different from what you see on your product.

Operation Status by Modes

AIR CLEANLINESS

- Pressing the AIR CLEANLINESS button during operation displays the fine dust level and indicator for 5 seconds.

Pollution Level	Level 1 (Clean)	Level 2	Level 3	Level 4	Level 5	Level 6 (Pollution)
Air cleanliness Indicator	Blue	Teal	Green	Yellow	Purple	Red



※ When different products are used in the same room, their air cleanliness and pollution level may differ from one another due to the air flow.

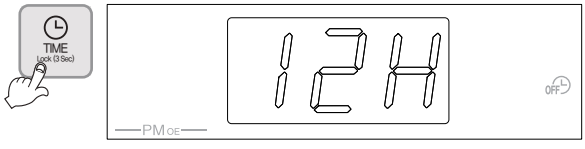
STERILIZATION



- Press the STERILIZATION button to activate Plasma Ionizer and the STERILIZATION icon will be lit up on the display panel. To turn it off, press the button again.

AUTO OFF

- Press the TIME button to set the Auto Off option.
- Each time the TIME button is pressed, set time ~~increments~~ by an hour for up to 12 hours.
- It automatically stops running after the set time.

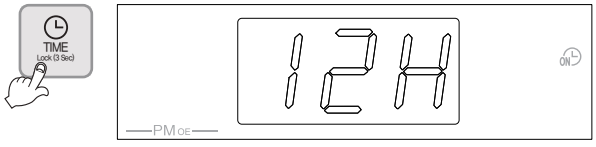


※ This control & display panel may look different from what you see on your product.

Operation Status by Modes

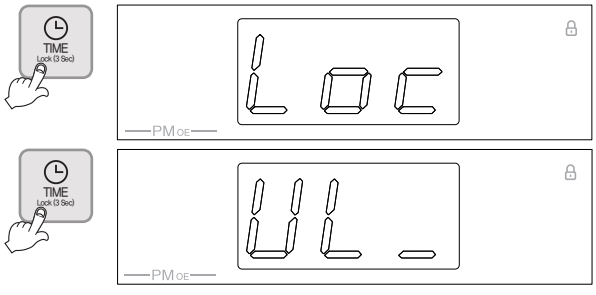
AUTO ON

- In the standby mode, press the TIME button to set the AUTO ON option.
- Each time the TIME button is pressed, set time increments by an hour for up to 12 hours.
- It automatically starts running after the set time. (Initially, it runs in the AUTO mode. If a different mode was set previously, it runs in the last set mode.)



BUTTON LOCK

- To prevent any malfunction that may be caused during cleaning or by a child, the buttons can be locked. Press the TIME button for three seconds to set this option.
- To unlock the buttons, press the TIME button again for three seconds.



Filter Replacement / Filter Clean Alarm

- It indicates when it is time to replace the Filters. Once the filters are replaced, reset the alarm for filter replacement.
- There are three ways to initialize (how to replace the filter / turn off the cleaning lamp).
  - Opening and closing the filter cover with the power connected to the unit initializes the filter replacement / cleaning notification.
  - Press the Turbo operation button continuously for more than 3 seconds in standby mode (all function indicator lamps are turned off) The filter replacement / cleaning notification is reset.
  - Removing the product from the power outlet will reset the filter replacement cleaning notification.
- The filter replacement and cleaning cycle may vary depending on the surrounding environment.

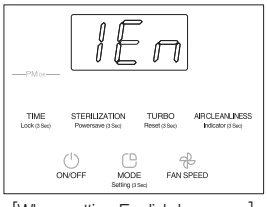
※ This control & display panel may look different from what you see on your product.

How to Set LANGUAGE

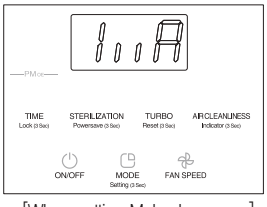
The guide voice can be set in English, Malay, Chinese or Korean.
The default ~~setting for~~ language is English.

1. Insert the plug to a wall outlet and in the standby mode with all indicators off, press the MODE button for three seconds.(If the purifier is running, press the ON/OFF button to stop it.)
2. "En" is displayed on the control panel as shown in the picture below.
3. Press the FAN SPEED button to select En for English, I IA for Malay, cn for Chinese or kr for Korean.
4. Press the ON/OFF button to save the setting.

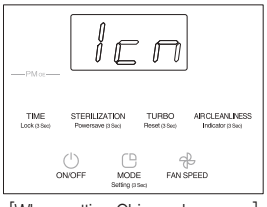
※ The setting is canceled if the TIME button is pressed or the power is turned off.
※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[When setting English language]



[When setting Malay language]



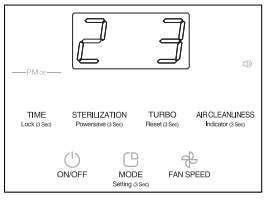
[When setting Chinese language]

How to Set Voice Volume

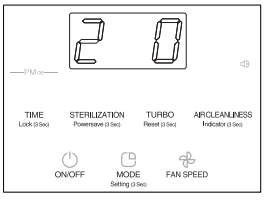
The following instructions show how to cancel the voice option and adjust the volume.

1. Plug in the product to a power outlet to begin standby mode.
   (When it is running, press the ON/OFF button to stop it.)
2. Press the MODE button for three seconds to enter the language settings and then ~~press~~ the MODE button once again.
3. "3"is displayed on the control panel as shown in the picture below.
4. Adjust the volume by pressing the FAN SPEED button.
   (OFF setting: Silent / Level 0: BEEP output without voice / Level 1: Small voice / Level 5: Large voice)
5. Press the ON/OFF button to save the setting.

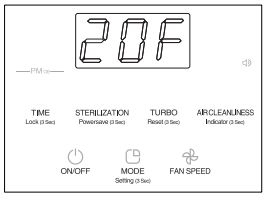
※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[When setting voice volume level 3]



[Setting the BEEP without voice]



[Setting Silent]

Other Settings

How to Set Filter Replacement Alarm

The following instructions show how to set and cancel the alarm for filter replacement.

❶ Plug in the product to a power outlet to begin standby mode.
(When it is running, press the ON/OFF button to stop it.)

❷ Press the MODE button for three seconds to enter the language settings and then press the MODE button twice again.

❸ "On" and "Replace the Filters" are displayed on the control panel as shown in the picture below.

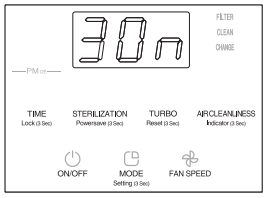
❹ Press the FAN SPEED button to activate or deactivate this option.

※ It will not emit sound for filter replacement when it is deactivated.

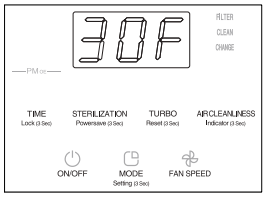
❺ Press the ON/OFF button to save the setting.

※ The setting is canceled if the TIME button is pressed or the power is turned off.

※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[When filter change ON is set]



[When filter change OFF is set]

How to Set Sensor Sensitivity

The following instructions show how to set the sensor sensitivity. Sensor sensitivity can be set to Low, Medium or High. The default level is set to Medium.

❶ Plug in the product to a power outlet to begin standby mode.
(When it is running, press the ON/OFF button to stop it.)

❷ Press the MODE button for three seconds to enter the language settings and then press the MODE button three times.

❸ "2" is displayed on the control panel as shown in the picture below.

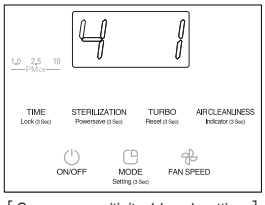
❹ Press the FAN SPEED button to set the level to 1, 2 or 3.

※ Level 1 : sets the Sensor sensitivity to Low. ※ Level 2 : sets the Sensor sensitivity to Medium.

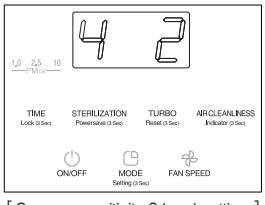
※ Level 3 : sets the Sensor sensitivity to High. ※ The fine dust is detected well as you set the higher level.

❺ Press the ON/OFF button to save the setting.

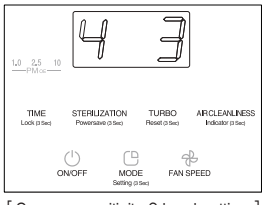
※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[Sensor sensitivity 1 level setting]



[Sensor sensitivity 2 level setting]



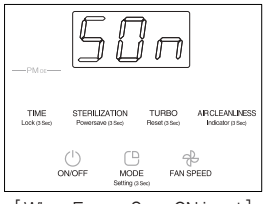
[Sensor sensitivity 3 level setting]

※ This control & display panel may look different from what you see on your product.

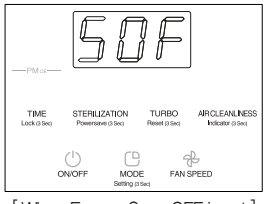
How to Set Screen Saver

This function allows you to save energy by adjusting brightness of the screen when no button is pressed during operation.

1. Plug in the product to a power outlet to begin standby mode.
   (When it is running, press the ON/OFF button to stop it.)
2. Press the MODE button for three seconds to enter the language settings and then press the MODE button four times.
3. "On" is displayed on the control panel as shown in the picture below.
   Press the FAN SPEED button to set this option on or off.
   ※ The screen remains bright when off.
4. Press the ON/OFF button to save the setting.
   ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[When Energy Save ON is set]

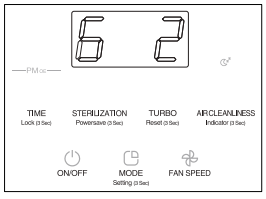


[When Energy Save OFF is set]

How to Set Energy Eye Function

This function allows you to minimize energy consumption by automatically detecting the surrounding brightness. It minimizes functions of the Display Panel when it senses darkness. The following instructions show how to set the darkness sensing range for power saving.

1. Plug in the product to a power outlet to begin standby mode.
   (When it is running, press the ON/OFF button to stop it.)
2. Press the MODE button for three seconds to enter the language settings and then press the MODE button five times.
3. "2" is displayed on the control panel as shown in the picture below.
4. Adjust the level from OFF to 3 by pressing the FAN SPEED button.
   ※ The higher the setting, the better the entry into the power saving mode.
   (OFF: Set this level when you do not wish to use this function)
5. Press the ON/OFF button to save the setting.
   ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



[When Energy Eye level 2 is set]

※ This control & display panel may look different from what you see on your product.

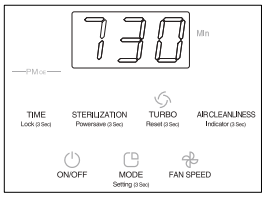
Other Settings

How to Set Time for TURBO Mode

This is the setting method for the turbo operation time. It can be set to run continuously for 30 minutes, 40 minutes, 50 minutes.

1. Insert the plug to a wall outlet and in the standby mode (all indicators off).
   (When it is running, press the ON/OFF button to stop it.)
2. Press the MODE button for three seconds to enter the language settings and then press the MODE button six times.
3. "30" is displayed on the control panel as shown in the picture below.
4. Press the FAN SPEED button to set the time to 10 mins, 20 mins, 30 mins, 40 mins, 50 mins or non–stop.
   (When set to 30 minutes, it returns to the previous mode after 30 minutes of turbo operation.)
5. Press the ON/OFF button to save the setting.

※ The setting is automatically canceled if it's left idle for 20 seconds or longer.

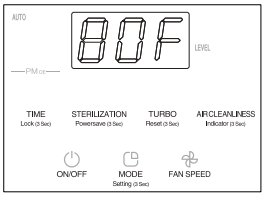


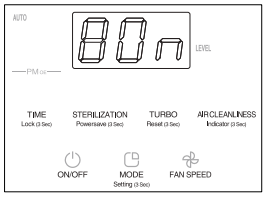
[When set to 30 minutes of turbo operation]

How to Maximize wind strength in Auto mode

Method to set the maximum wind strength in auto, room care, and repeat mode.
It can be set OFF (up to level3) and ON (up to level 4).

1. Insert the plug to a wall outlet and in the standby mode (all indicators off).
   (When it is running, press the ON/OFF button to stop it.)
2. Press the MODE button for three seconds to enter the language settings and then press the MODE button seven times.
3. "OF"is displayed on the control panel as shown in the picture below.
4. Press the Fan Speed button to set the auto mode maximum wind strength (OF / On).
   (When set to On, it operates up to level 4 in automatic, room care, and repeated operation mode.)
5. Press the ON/OFF button to save the setting.
   (The setting is automatically canceled if it's left idle for 20 seconds or longer.)





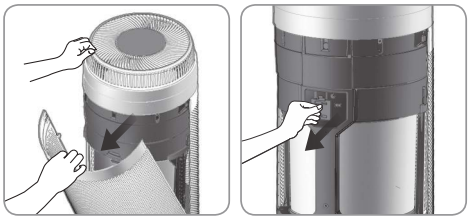
[When Auto mode Max. wind setting is OFF] [When Auto mode Max. wind setting is ON]

※ This control & display panel may look different from what you see on your product.

How to Clean the Fine Dust Sensor (Clean once every one to two months)

❶ Open the fine dust sensor cover.

▶ Before using, clean them with a soft brush or vacuum cleaner.

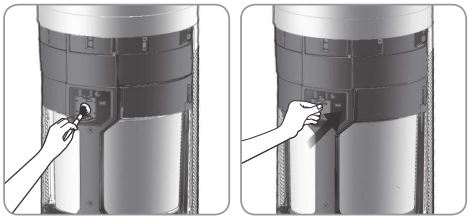


❷ Carefully wipe the sensor lens with a cotton bud.

▶ Before using, clean them with a soft brush or vacuum cleaner.

※ If not cleaned regularly, they may degrade performance of the fine dust sensor.

※ As the cleaning cycle varies depending on the environment, it requires more frequent cleaning if used in a dusty area.



※ Except water, do not use any volatile including alcohol and acetone to clean the sensor.

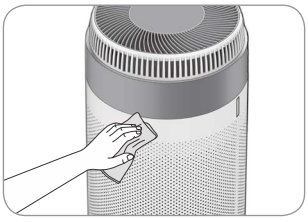
※ If the sensor lens are covered with dust, the pollution indicator may show "Polluted" and not change. In this case, thoroughly clean the sensor again.

Cleaning and Maintenance Guide

How to Clean the Main Body (Clean once every two to four weeks.)

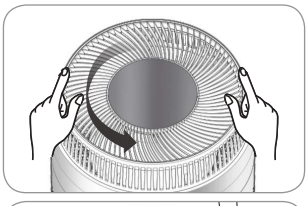
❶ Wet a soft cloth in lukewarm water, wring it out and wipe the main body with it.
❷ Use a cotton bud or flannel when cleaning the dust off the exterior grooves.

※ Do not use an alkaline detergent when cleaning the control & display panel.
※ Do not use a sulfuric acid, hydrochloric acid or organic solvent including thinner and kerosene for cleaning the surface of the product. Do not attach any sticker on the surface. It may cause damage to the surface.

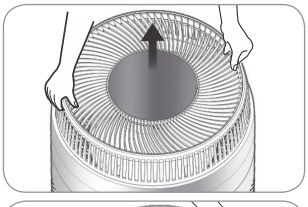


How to Clean the Air Outlet (Clean once every two to four weeks.)

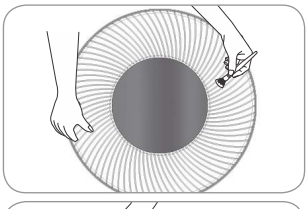
❶ Turn the grill on top of the product as shown.



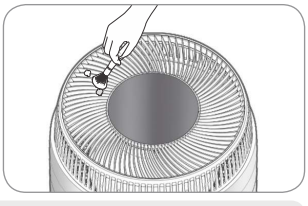
❷ Hold your finger on the grill and pull it out as shown.



❸ Clean the grill with a soft brush or a cleaner.



❹ Use a soft brush or vacuum cleaner to clean the dust off the air vent.



※ As the cleaning cycle varies depending on the environment and time of use, it requires more frequent cleaning if used in a dusty area.

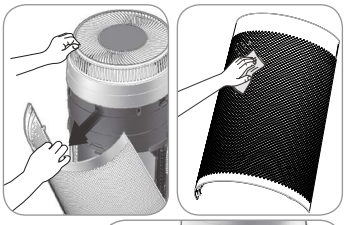
How to Clean the Pre-Filter (Clean once every two to four weeks.)

- The Pre–Filter can be reused after the dust ~~cleaned~~ or washed in water.
- If not cleaned for long, it may degrade the product performance.
- The Harmful Gas Easy Filter, Deodorization Filter, and Ultra PM 2.5 Filter cannot be reused even after ~~cleaned.~~ Please do not clean them in water.
- If the cleaning LED lights up, clean the pre–filter.
- The filter cleaning cycle may vary depending on the surrounding environment.

❶ Open the filter cover.

▶ Open the Filter Cover by pulling the upper part of each side of the Filter Cover.

※ Be careful not to force open by pulling the lower part of the cover.
It may cause ~~a~~ damage to the product.



❷ Please remove the dust attached to the filter cover surface lightly with soft, dry cloth or soft brush.

❸ Remove the Ultra–Deo PM 2.5 Filter from the product and remove the dust on the surface using a vacuum cleaner.

▶ If not cleaned, some of it may fall onto the floor when you disassemble the Pre–filter.

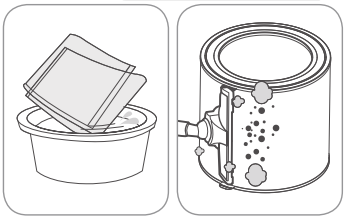


❹ Clean the pre–filter attached to the Ultra–Deo PM 2.5 Filter by removing the dust or remove the pre–filter and wash with lukewarm water.

▶ When removing dust with vacuum cleaner, it is necessary to apply excessive force to filter.
Please be careful not to be damage the filter.

▶ Wash the removed filter in water and dry it out in the shade.

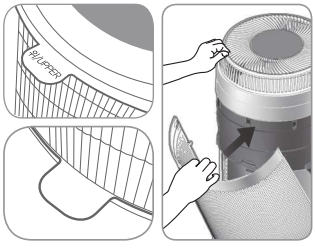
※ If wet, it may cause a malfunction or odor.



Caution

※ If you wash it with hot water or dry it in direct sunlight, the Filter may become deformed.

❺ Attach the pre–filter to the Ultra–Deo Pm 2.5 Filter. After attaching to the product, reinstall the filter cover.



How To Replace the Filters

- If the Filter replacement LED lights up, please replace the filter.
- Always unplug the power cord before replacing a filter.
- If the filter is used over the cleaning or replacement cycle, it may degrade the performance or ~~cause a odor~~.
- Please use genuine CUCKOO filters only. Otherwise it may degrade the performance or cause a breakdown. (Please use genuine CUCKOO filters.)
- A torn or wet Air Purifying Filter must be replaced with a new one. Contact our Customer Service Center ~~for~~ purchase ~~of~~ filters.
- The filter replacement cycle may vary depending on the surrounding environment of use.

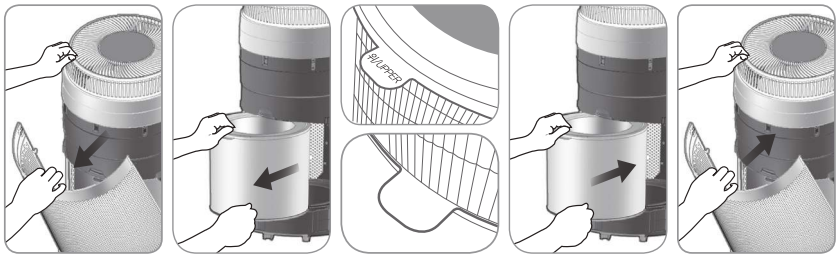
Filter Cleaning and Replacement Cycle

Filter		Cleaning / Replacement	Note
Pre-Filter		Once / 2~4 weeks	Cleaning & Washing
Functional Filter	Allergen Filter	Once / 4 months	Replacement
Ultra-Deo PM 2.5 Filter		Once / 12 months	Replacement

※ Filter replacement cycle may differ depending on the environment and time of use.
※ The life test of Ultra PM 2.5 Filter and Deodorizing Filter is done by JEMA1467 (Air cleaners of household and similar use) evaluated the life span by burning tobacco.

How to Replace the Air Purifying Filter

Check the upper of the Filter before replacing it.



Please check before asking for Support.

▼ If you do not comply with this user manual, the device may not work properly even if there is no breakdown. Please take the following measures accordingly if there is a problem with the product. If there is still a problem, please contact our Customer Service Center.

Problem	Checklist	Recommendation
The product won't work even if I press the Power button.	• Is the power cord plugged into the power outlet? • Is there a black out? • Is the product properly assembled? • Have you pressed the ON/OFF button?	• Put the Power Plug in a Power Outlet of 220~240V, 50Hz. • Use the product after electricity is supplied. • Assemble the product properly. • Press the ON/OFF button.
The air volume won't change.	• Is the product in the MANUAL mode? • Is the product in the SLEEP or BABY mode?	• Change the mode into the operation mode you want. • In Sleep or Baby mode, the air volume is fixated to be the minimum air volume.
The air does not seem to be purified.	• Is the indoor air overly polluted? • Is the room too large? • Is there any obstacle around the product? • Is the product installed where wind cannot move freely? • Has the time for filter cleaning and replacement passed?	• Ventilate the room and then use the product. • Use the product in an area not exceeding its coverage limit. (Avoid placing the device where it is well ventilated like a door or window.) • Remove any obstacle. • Install the product elsewhere. • Check the Filter cleaning and replacement cycle and clean or replace the Filters.
There is an odor coming from the air vent.	• Did the odor in the initial use of the product not long after purchase? • Do you use the product in a place with a lot of smoke or smell? • Has the time for filter cleaning and replacement passed?	• It is a smell of an activated carbon. The odor will disappear one to two weeks after the product starts operation. It is a smell of an activated carbon (charcoal) which is harmless to the human body. • The air purification performance may decrease in a place with much smoke or smell. Ventilate the room before using the product. • Check the Filter cleaning and replacement cycle and clean or replace the filters.
A noise comes out of the device.	• Is it a clinking sound?	• In STERILIZATION mode, a clicking sound may be made due to the generation of ion.
The color of the air purification status display is always the same.	• Is there dust on the Lens of the Dust Sensor? • Does the dust pollution status continue on low or high?	• Clean the lens of the dust sensor. • Set the sensor sensitivity to Level 1 (Low) or Level 3 (High).
When other functional defects occur	• Diagnose the problem, unplug the power cord and contact our Customer Service Center.	

Product Specifications

Category	Air purifier
Model name	CAC-D2010FW
Rated Voltage and Current	220-240V~, 50Hz
Rated Power Consumption	65W
Insulation Rating	Type 2 device
Dust Collecting Method	Mechanical dust collecting method
Safety Device	Power is blocked when the door is being opened or closed
Place for Use	For indoors
Effective Reach Area	66 ㎡
Product Size	396mm X 396mm X 755mm
Product Weight	11kg

※ The information (exterior, design, and specifications) provided in this User Manual is subject to change.
※ This appliance is intended for home use (Class B) and is suitable for home use. It can be used in all areas.

Inquiry about Malfunction

Product parts may wear out due to heat, moisture, dust and other ~~causesover~~ time, which in turn may cause malfunction of the product.

In the case that

❶ Something other than the symptoms coming under "Check before reporting a malfunction," in page 31 occurs; ❷ You can feel electricity when you touch the product with your hands; ❸ The power is supplied, but the Motor does not work
❹ Other malfunctions occur

▼

Please stop using the product.

Please unplug the product and contact our Customer Service Center.



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