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AIR PURIFIER

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USER MANUAL

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CAC-C1020FW

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# CUCKOO



# CUCKOO

**To our customers!**  
**Thank you for choosing CUCKOO Air Purifier.**

Please keep this User Manual (including the Warranty) for your reference.  
This manual will guide you when you have any questions or when the product does not work properly.



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## Merits of CUCKOO Air Purifier

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- **Air Purification**  
This product filters out fine dust that is airborne using an True HEPA H14 filter mounted at the inlet of the product.
- **Toxic Gas purification**  
Removes harmful gas and odors that are airborne to make sure your home is safe.
- **Fan Speed Control**  
Set your preferred fan speed.
- **Set Timer**  
Set a custom timer for your air purifier. Perfect for automatic On/Off function.
- **4-Level Automatic Pollution Detector Sensor**  
The product detects the pollution status of the air indoors in real time through the Pollution Sensor. When Automatic Operation setting is selected, the product automatically controls the power output according to the surrounding pollution degree to make the indoor environment pleasant.
- **Air Quality Display**  
The product automatically detects the cleanliness of the indoor air through the Pollution Sensor and displays the cleanliness. Also, the light can be turned ON/OFF by using the Power-Saving function.

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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 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 the use and contact Customer Service when the power cord or plug is damaged or the power outlet is loose.



- 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 replace the damaged power cord or plug, please visit CUCKOO website and contact Customer Service to prevent dangerous situations.
- We strongly recommend that the damaged parts be repaired or replaced.
- Otherwise, this may cause electric shock or fire due to a short circuit.

Plug the power plug into a 120V 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 on your hands and then put in or pull out the Power Plug by holding the Power Plug.



- Unplugging the power plug with wet hands may cause electric shock.
- Pulling the power cord by force can damage the cord and may cause a short circuit or electric shock. 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.

Use 120V 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.



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

- This may cause electric shock or fire. Please check the state of the power plug frequently.



Do not pull the power cord when unplugging the product.

- Force applied to the power cord may cause electric shock or fire. Please check the state of the power cord and plug frequently.



## Warnings for Safe Use



### About Power Supply

**Warning**

**Do not**

Do not put anything heavy or the product on the power cord.

- This may cause a damage to the power cord, leading to fire, electric shock, or fire 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.



Make sure the power cord is not under a heavy object or near sharp objects. Please ensure that it is not damaged by your pet.

- If the power cord is damaged, it may cause electric shock or fire. Please check the state of the power cord frequently.



If the power supply area is wet, unplug the product and let it dry completely before use.

- This may cause electric shock or fire. Please check the state of the Power Plug and the power cord frequently.



Please turn off the product by pressing the power button. Also, unplug the product before inspection, repair or replacement of its components.

- This may cause electric shock or breakdown. Please check the state of the power cord frequently.



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

- This may cause electric shock or fire.



Do not randomly connect or process the power cord.

- This may cause electric shock or fire.

### Installation Guide

**Warning**

**Do not**

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

- This 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.

- This 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.

- This 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.

- This may cause a decrease in the performance.



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

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





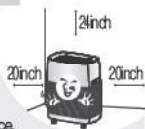
## Warnings for Safe Use

### Installation Guide

#### Warning Caution

Place the product at least 20inch away on the sides and 24inch 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 80inch away from electronic products such as a TV.

- This 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 for removing toxic gas such as carbon monoxide.

- This may cause a malfunction of the product.

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

- This 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 plant and animal breeding.

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

### During Use

#### Warning Do not

Do not put an obstacle around the Air Inlet or the Air Outlet of the product.

- This 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.
- This may cause a malfunction of the product.



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

- This may cause fire, burns, or injury.

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

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



Do not put heat or fire near the product.

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

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.

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

Make sure to move the product by the handle. Do not hold any part other than the handle when moving the product.

- This may cause a damage or deformation of the product.

## Warnings for Safe Use



### 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.

- This may cause fire or poor performance of the product.



Do not stand on top of the product nor put anything heavy.

- This may cause a malfunction of the product or injury due to fall or damages.



Please avoid using it near a heating device.

- This may cause fire or electric shock.



This product should not be used by people including children who lack physical or mental abilities, experience and knowledge to use the product properly without instruction.

- Do not let children play with the product.
- It may cause electric shock or injury.



Do not turn OFF by pulling the plug.

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



Do not move the product while it is working.

- This 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 be stuck in the product.

- This 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.

Do not place a bowl with water, drugs, foods, small metallic materials, inflammables, etc. on top of the product.

- When spill, it may cause electric shock, fire, or a damage.



Do not clean the product in person 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.

- This may cause poor performance of the product.



Do not push nor lean on the product. It may fall to the ground.

- This 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.

- This may cause malfunction of the product.

Do not put the product where the wind of an air conditioner or a heater reaches or near a window.

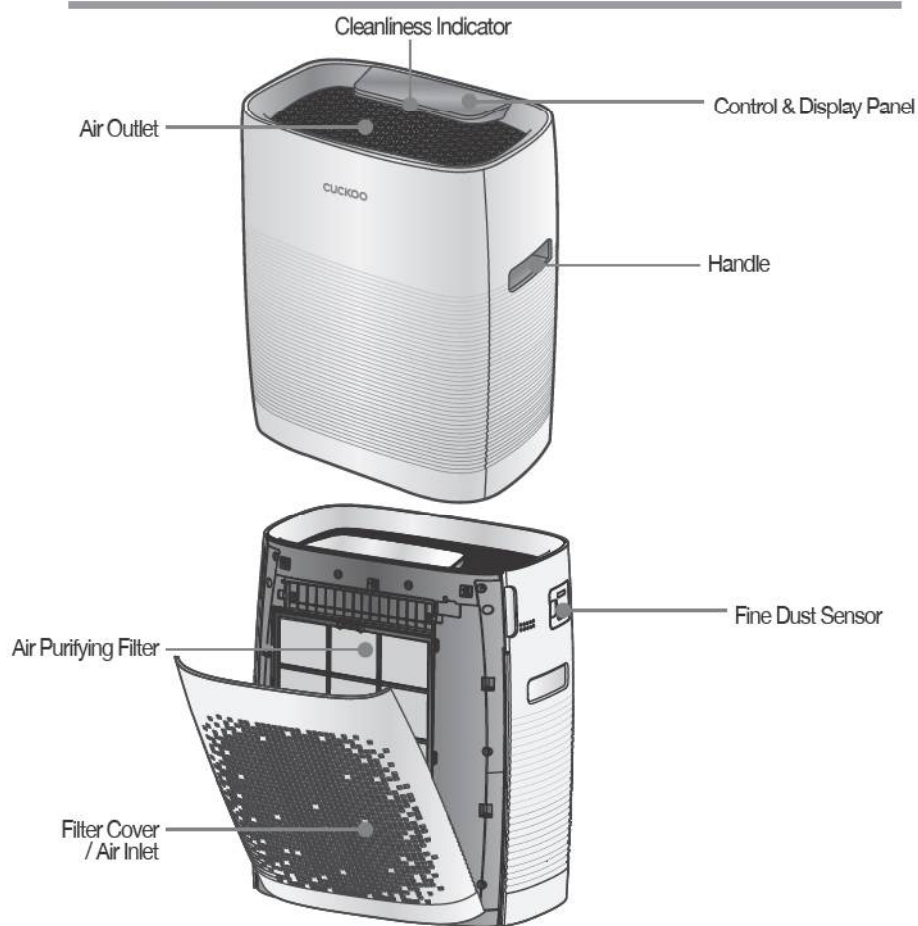
- This may cause malfunction of the sensors.





## Name of Parts / Accessories

### Name of Parts



### Accessories



User Manual



Service Card

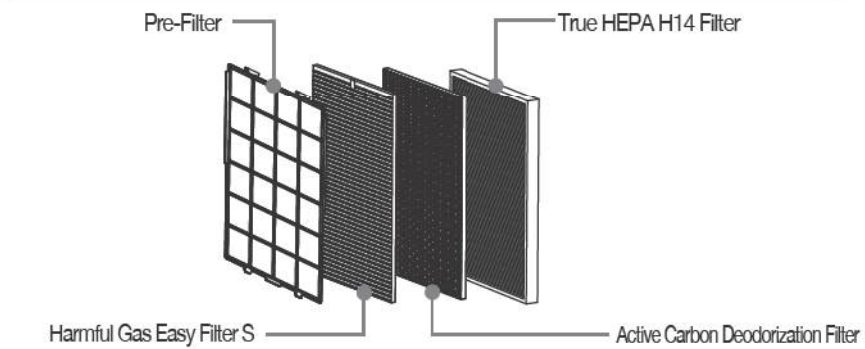


Caster Set





### Air Filters



※ The picture may differ from the actual product.

Section	Air Filter
Level 1	Pre-Filter
Level 2	Harmful Gas Easy Filter S
Level 3	Active Carbon Deodorization Filter
Level 4	True HEPA H14 Filter

### Filter Functions

Pre-Filter	Removes large dust, hair, pet fur, etc.
Harmful Gas Easy Filter S	It removes sulfur oxides and nitrogen oxides quickly and effectively to provide a more comfortable atmosphere.
Active Carbon Deodorization Filter	Activated Carbon Deodorizing Filter removes odors, harmful gas, cigarettes, animal fur, NO <sub>2</sub> .
True HEPA H14 Filter	Filters mites, pollens, fine dust, and smoke.

▶ Assembly sequence of Filters : True HEPA H14 Filter → Active Carbon Deodorization Filter → Harmful Gas Easy Filter S → Pre-Filter



## Details to Check before Use

### Caution

Caution: When the product is not in use, please unplug the unit. This product is exclusively for 120V, 60Hz. Put the Power Plug in the exclusive Power Outlet.

### Details to Check before Use

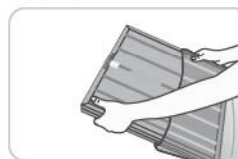
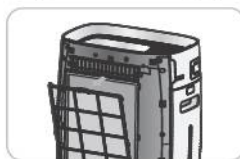
#### 1 Open the filter cover.

- ▶ Open the filter cover from the upper left part of the unit.
- ※ Do not forcefully remove from the bottom of the unit. It may cause a damage to the product.



#### 2 Take out the filter and remove the vinyl wrapping.

- ▶ Remove the vinyl wrapping from all filters except the Pre-filter, and then follow the filter assembly instructions.
- ▶ Assembly sequence of Filters: True HEPA H14 Filter → Active Carbon Deodorization Filter → Harmful Gas Easy Filter S → Pre-Filter  
(Refer to the Air Purifying Filter System on page 9.)



#### 3 Reassemble the Filter Cover onto the product.

- ▶ Be careful not to get any of your body or foreign material stuck in when reassembling the cover.
- Please be careful when reassembling the product, may cause injury or malfunction of the unit.



#### 4 Connecting the power

- ▶ This product is exclusively for 120V.
- Please connect the product to the exclusive Power Outlet.



#### 5 Press the "On/Off" button to operate the unit. Also, Press the "Mode" button to set the desired option.

- ※ Make sure the filter is assembled correctly before operating the product.

#### 6 Press the "On/Off" button to shut off the unit.










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

## Names/Functions of the Control/Display Panel



### Control Panel





- 
**ON/OFF** : To turn the unit on and off.
- 
**MODE** : Select the desired mode.  
 ※ Each time the button is pressed, the mode changes in the order of AUTO, ROOM CARE, YELLOW DUST, BABY, SLEEP and REPEAT.
- 
**FAN SPEED** : Adjust the fan speed in the 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).
- 
**TIMER** : Preset AUTO ON/OFF and set time for REPEAT.  
 ※ You can preset the timer and the time for repeated air purification from 1 to 12 hours in units of an hour.
- 
**TURBO** : Select the TURBO mode.  
 ※ To return to the previous mode, press the "Turbo Mode" button again.
- 
**AIR CLEANLINESS** : Check the ultrafine dust concentration in air.  
 ※ When pressed, the fine dust concentration icon indicates for five seconds and displays the readings.
- 
**3 SEC SETTINGS** : Set functions.  
 ※ If you press the button for three seconds or longer continuously in the waiting mode, the product will enter the Room Care Setting mode, and a Voice Guide will be provided.  
 ※ In the Room Care Setting mode, each time the MODE button is pressed, you will enter the following setup modes in order: Language Setting mode, Voice Volume, Filter Replacement Alarm, Sensor Sensitivity, Screen Saver, Energy Eye and Turbo Operating Time.  
 ▶ Refer to How to Set Functions in pages 24-27.
- 
**LOCK** : Locks the buttons.  
 ※ To activate the "Button Lock" function hold down the "Time" button for 3 seconds or more. (The "time button" will flicker 3 times when activated.)  
 ※ 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 "Lock" flickers three times on the display panel when any button.
- 
**Cleanliness Indicator** : Displays cleanliness of air.  
 ※ This indicator goes on when the AIR CLEANLINESS button is pressed for three seconds while the unit is in operation and goes off when the button is pressed for another three seconds.



## Names/Functions of the Control/Display Panel

### Display Panel



- **AUTO** : This indicates the product is in automatic air purification mode.
- **ROOM CARE** : This indicates the product is in room care air purification mode
- **YELLOW DUST** : This indicates the product is in yellow dust air purification mode.
- **BABY** : This indicates the product is in air purification for baby mode.
- **REPEAT** : This indicates the product is in repeated air purification mode.
- **SLEEP** : This indicates the product is in air purification during sleep mode.
- **VOICE**( ) : This indicates the Voice function is on.  
(The indicator goes off with the voice volume set to OFF.)
- **AUTO ON** : This indicates when the AUTO ON function is set.
- **AUTO OFF** : This indicates when the AUTO OFF function is set.
- **CHANGE FILTER** : This indicates it is the time for replacing the filters.
- **BUTTON LOCK**( ) : This indicates when the Button Lock function is set.
- **88 / Min / Hr / Level** : This displays concentration of ultrafine dust, timer settings and fan speed settings for modes.



- **ON/OFF** : This indicates operation of the product. It goes off when the product stops operating.
- **MODE** : This indicator goes on for three seconds when AUTO, ROOM CARE, YELLOW DUST, BABY, SLEEP and REPEAT is selected.
- **FAN SPEED** : This indicates the manual operation function is on.
- **TIMER** : This indicator goes on when AUTO ON, AUTO OFF or REPEAT function is selected.
- **LOCK** : When setting a lock button, Icon light on. When unsetting a lock button, Icon light off.
- **TURBO** : This indicates the product is in TURBO mode.
- **AIR CLEANLINESS** : This indicates for five seconds when AIR CLEANLINESS is selected.

## Names/Functions of the Control/Display Panel



### Cleanliness Indicator



• Cleanliness Indicator : This displays the cleanliness of Names/Functions of the Control/Display Panel 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 beeping noise when pressing the button. The Control & Display Panel may look different from the actual appearance.
- ※ Different fan speeds may affect the product performance for air purification.
- ※ The indicator turns on automatically when SLEEP, BABY or MANUAL is selected.
- ※ To display air cleanliness, press the AIR CLEANLINESS button for three seconds. The settings are applied until the operation is shut.
- ※ If multiple air cleaning products are being used in the same room, the ultrafine dust indicator readings may not be accurate.



## Self Diagnostic Mode

### Self Diagnostic Mode

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When the unit is not working properly, the display panel will show an alert. If there is an alert that will not disappear, please contact our customer service center.



This indicates a malfunction of the Fan Motor.  
Contact our Customer Service Center.



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



This indicates a malfunction of the memory inside MICOM.  
Contact our Customer Service Center.



### Basic Operation

- ① Insert the plug into a wall outlet.
  - ▶ The product will enter the waiting mode with a beeping sound.
  - ※ If the plug was pulled out while still in running, the unit operates in the mode set previously.
- ② 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.
- ③ -1 Press MODE to select the desired operating mode.
  - ▶ Each time the button is pressed, the mode changes in the order of AUTO, ROOM CARE, YELLOW DUST, BABY, SLEEP and REPEAT
- ③ -2 Press FAN SPEED to select the desired fan speed.
  - ▶ Pressing FAN SPEED changes the operating mode to AUTO. 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).
- ③ -3 Press TIMER to set the duration for the unit to go off.
  - ▶ You can set the OFF timer while it's running by pressing the TIMER 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 "- -", and the AUTO OFF mode will be canceled.
- ③ -4 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 runs continuously.
  - ※ The running time for TURBO mode can be changed in the settings.
- ③ -5 Press AIR CLEANLINESS to gauge the ultra-fine dust concentration.
  - ▶ The product will enter the waiting mode with a beeping sound.
  - ※ It shows the concentration readings on the front display panel for five seconds.



## Basic Operations

### Basic Operation

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- ④ -6 Press the AIR CLEANLINESS button for three seconds to select the cleanliness indicator.
  - ▶ Each time the button is pressed for three seconds, the cleanliness indicator is turned on or off.
    - ※ The indicator goes on automatically when AUTO, YELLOWDUST, REPEAT or TURBO is selected.
    - ※ The set cleanliness indicator is applied until the power supply is shut.
  
- ④ -7 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 waiting mode.





### Operating Modes

#### AUTO

AUTO mode detects the air quality and will automatically adjust the necessary fan speed.

- In the standby mode, press the ON/OFF button once. Initially, the unit will run in AUTO mode. If a different mode was selected it will maintain your selected operating mode.
- It senses the air quality and adjusts the fan speed.
- Shows current fan speed and cleanliness of air during the operation.
- Press the AIR CLEANLINESS button for at least three seconds to turn on and off the cleanliness indicator.



#### Room Care Air Purification

Automatically adjusts to the surrounding environment.

- In AUTO mode, press the MODE button once.
- It auto controls the fan speed using preset levels.
- It shows the current fan speed and cleanliness of air during operation.
- Press the AIR CLEANLINESS button for at least three seconds to turn on and off the cleanliness indicator.



※ The control and display panel may appear differently than the image above.



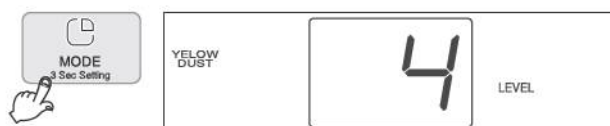
## Operating Modes

### Operating Modes

#### YELLOW DUST

Is a setting that automatically adjusts to eliminate yellow dust.

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



#### BABY

- In AUTO mode, press the MODE button three times.
- Initially, the display panel shows MODE indicator for five seconds, and then only BABY stays on.
- 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. It stays on until the power plug is pulled out.



※ The control and display panel may appear differently than the image above.



## Operating Modes

### SLEEP

Is a setting made for sleep, operating at a low sound level.

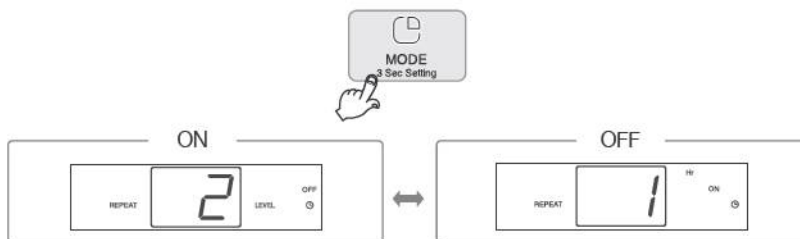
- In AUTO mode, press the MODE button four times.
- Minimizes air volume for a peaceful experience.
- Initially, the display panel shows MODE indicator for five seconds, and then only SLEEP mode stays on.
- The cleanliness indicator initially stays on for five seconds and then off.
- To turn on the cleanliness indicator, press the AIR CLEANLINESS button for three seconds. It stays on until the power plug is pulled out.



### REPEAT

Once your timer is set, it will automatically repeat based on the selected time.

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



※ The control and display panel may appear differently than the image above.



## Operating Modes

### Operating Modes

#### ENERGY SAVE

Detects indoor lighting and adjusts accordingly.

- When the Energy Eye Night Sensor senses darkness during operation, all indicators including the cleanliness indicator are turned off, and the Power Saving option on.
- The Power Saving goes off when it gets bright or a button is pressed.
  - ※ Please refer to Other Settings in page 27 for how to set the Energy Eye function.



#### MANUAL

Mode that operates by selecting the desired fan strength

- Press the FAN SPEED.
- Select FAN SPEED from Breeze, Low, Medium or High.
- The cleanliness indicator will remain on for five seconds and then it will shut off.
- To turn on the cleanliness indicator, press the AIR CLEANLINESS button for three seconds.
  - It stays on until the power plug is pulled out.



※ The control and display panel may appear differently than the image above.



### Operating Modes

#### TURBO

Quickly remove dust with maximum performance

- Press the TURBO button to activate.
- The fan will speed up to the maximum fast 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 turn on and off the cleanliness indicator.
- The running time for TURBO mode can be changed in the settings.



#### AIR CLEANLINESS

- See the status of the air quality by pressing AIR CLEANILESS button during operation.

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, the air cleanliness and pollution level may differ due to the air flow.

※ The control and display panel may appear differently than the image above.



## Options

### Options

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#### AUTO OFF

- Press the TIMER button to set the Auto Off option.
- Each time the TIMER button is pressed, time increments by an hour up to 12 hours.
- Automatically stops running after the set time.



#### AUTO ON

- In standby mode, press the TIMER button to set the AUTO ON option.
- Each time the TIMER button is pressed, set time increments by an hour up to 12 hours.
- 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.)



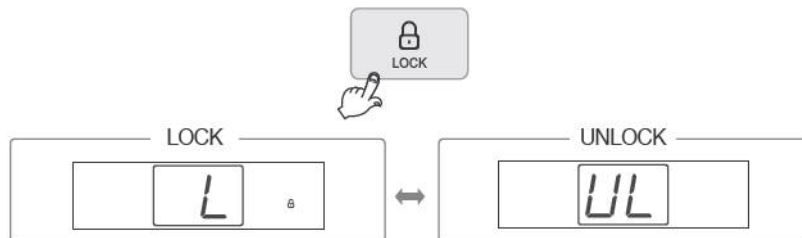
※ The control and display panel may appear differently than the image above.



## Options

### BUTTON LOCK

- Press the LOCK button for three seconds to set this option.
- To unlock the buttons, press the LOCK button again for three seconds.



### FILTER REPLACEMENT

- Alert for filter replacement or filter cleaning will appear. Once the filters are replaced, reset the alarm for filter replacement.
- To reset (i.e. to turn off the filter replacement indicator), press the TURBO button for three seconds in the standby mode with all the indicators off on the display panel.
  - ※ The alarm indicator goes off in 24 hours, so you are advised to replace the filters within this time.

※ The control and display panel may appear differently than the image above.

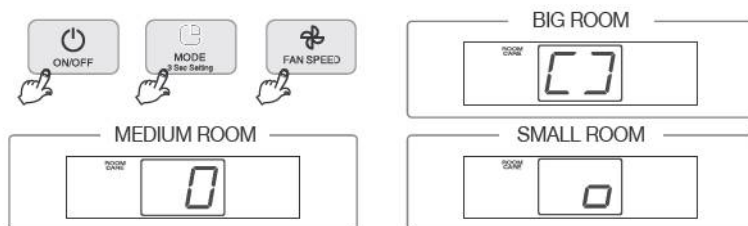


## Other Settings

### How to Set Room Care (room size)

This is a setting method for setting the size of the space to be utilized.

- ① After plugging in the power plug, it enters the Standby mode (all function indicators are turned off). (While the product is running, stop it by pressing the "ON/OFF" button.)
- ② Hold down the MODE button for more than 3 seconds to enter the Room Care setting mode.
- ③ "[ ]" is displayed on the control panel as shown in the picture below.
- ④ Set the room size (big room / medium room / small room) by pressing the FAN SPEED button.
- ⑤ Press the ON/OFF button to save the setting value.  
(If you press the TIME button or there is no button input for more than 20 seconds, the function setting is cancelled.)



### How to Choose LANGUAGE

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

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room care settings and then press the MODE button once again
- ③ "En" is displayed on the control panel as shown in the picture below.
- ④ Press the FAN SPEED button to select En for English, ES for Spanish, kr for Korean or cn for Chinese.
- ⑤ Press the ON/OFF button to save the setting.  
※ The setting is canceled if the TIMER button is pressed or the power is turned off.  
※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



※ The control and display panel may appear differently than the image above.





### How to adjust Voice Volume

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

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button twice.
- ③ “3” and “Voice” are displayed on the control panel as shown in the picture below.
- ④ Adjust the volume by pressing the FAN SPEED button.
  - ※ Mute on OFF
- ⑤ Press the ON/OFF button to save the setting.
  - ※ The setting is canceled if the TIMER button is pressed or the power is turned off.
  - ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



### How To Set Filter Replacement Alarm

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

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button three times.
- ③ “On” and “Replace the Filters” are displayed on the control panel as shown in the picture below.
- ④ Press the FAN SPEED button to set this option on or off.
  - ※ It will not alarm for filter replacement when off.
- 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.



※ The control and display panel may appear differently than the image above.



## Other Settings

### How To Set Sensor Sensitivity

Sensor sensitivity can be set to Low, Medium or High. The default level is set to Medium.

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button four times.
- ③ "2" is displayed on the control panel as shown in the picture below.
- ④ Press the FAN SPEED button to set the level to 1, 2 or 3.
  - ※ Level 1 : sets the Sensor sensitivity to Low. (In AUTO mode, select this level when the air polluted but the air flow hardly changes.)
  - ※ Level 2 : sets the Sensor sensitivity to Medium.
  - ※ Level 3 : sets the Sensor sensitivity to High. (In AUTO mode, select this level when the air is clean but the air flow frequently changes.)
- ⑤ Press the ON/OFF button to save the setting.
  - ※ The setting is canceled if the TIMER button is pressed or the power is turned off.
  - ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



### How To Set Screen Saver

This function allows you to save energy by adjusting brightness of the screen.

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button five times.
- ③ "On" is displayed on the control panel as shown in the picture below.
- ④ Press the FAN SPEED button to set this option on or off.
  - ※ The screen remains bright when off.
- ⑤ Press the ON/OFF button to save the setting.
  - ※ The setting is canceled if the TIMER button is pressed or the power is turned off.
  - ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



※ The control and display panel may appear differently than the image above.



### How To Set Energy Eye Function

The following instructions show how to set the darkness sensing range for power saving.

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button six 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.
  - ※ OFF : Set this level when you do not wish to use this function.
  - ※ Level 1 : The darkness sensing function is on for the surroundings darker than the reference value(Level 2).
  - ※ Level 2 : Reference value for darkness sensing mode
  - ※ Level 3 : The darkness sensing function is on for the surroundings brighter than the reference value.
- ⑤ Press the ON/OFF button to save the setting.
  - ※ When you press the TIMER button or remove the Power Plug, the function setting will be canceled.
  - ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



### How to Set the time for TURBO Mode

The following instructions show how to set the time for TURBO mode The default time setting for TURBO mode is continuous.

- ① Begin in Standby Mode.
- ② Press the MODE button for three seconds to enter the Room Care settings and then press the MODE button seven 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.
  - ※ The screen remains bright when off.
- ⑤ Press the ON/OFF button to save the setting.
  - ※ When you press the TIMER button or remove the Power Plug, the function setting will be canceled.
  - ※ The setting is automatically canceled if it's left idle for 20 seconds or longer.



※ The control and display panel may appear differently than the image above.



## Cleaning and Maintenance Guide

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

- 1 Open the filter cover.
  - ▶ Pull the top center of the cover to open.
  - ※ Be careful not to force open by pulling the lower part of the cover. It may cause a damage to the product.



- 2 Carefully wipe the sensor lens with a cotton swab.
  - ▶ Beforehand, clean them with a soft brush or vacuum cleaner.
  - ※ If not cleaned regularly, unit may not perform at it's optimal level.
  - ※ 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 for cleaning 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



### Caution

When cleaning, please pull the power plug out of the wall outlet.

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

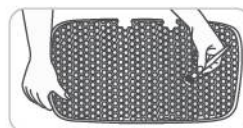
- 1 Use a slightly damp cloth and thoroughly wipe the unit.
- 2 Use a cotton swab when cleaning the dust off the exterior grooves.

- ※ 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.)

- 1 Press the grill on the upper part of the product with both hands as shown in the figure and raise one side.
- 2 Grab the grill with one side up and pull it forward.
- 3 Clean the grill with a soft brush or a cleaner.
- 4 Use a soft brush or vacuum cleaner to clean any dust off the air vent.



※ The control and display panel may appear differently than the image above.



## Cleaning and Maintenance Guide

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.

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

**1** Open the filter cover.

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

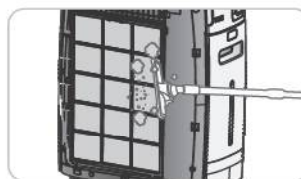
※ Gently remove the cover by starting at the top of the cover.



**2** Clean the dust off the filter surface with a vacuum cleaner.

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

※ A brush tipped vacuum may cause damage to the filter.



**3** Pull the Pre-Filter handle to remove it and wash it in warm water.

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

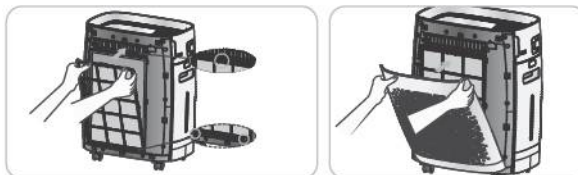
※ If wet, it may cause a malfunction or odor.



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

**4** Assemble the filter and put its cover back in place.

▶ Make sure to properly insert the filter into the grooves.



## How To Replace Filters



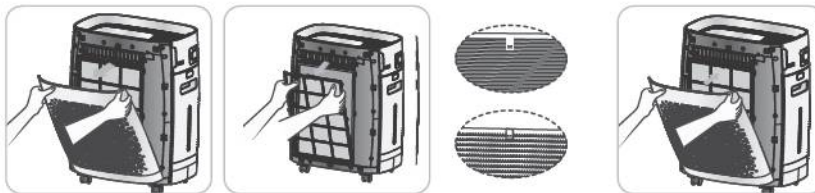
- Always unplug the power cord before replacing a filter.
- If the filter is used over the cleaning or replacement cycle, it may degrade the performance or emit odor.
- Please use genuine CUCKOO filters only.
- A torn or wet Air Purifying Filter must be replaced with a new one. Contact our Customer Service Center for purchase of filters.

### Filter Cleaning and Replacement Cycle

Filter	Cleaning / Replacement Cycle	Cleaning / Replacement
Pre-Filter	Once / 2 weeks	Cleaning & Washing
Harmful Gas Easy Filter S	Once / 4 months	Replacement
Active Carbon Deodorization Filter	Once / 12 months	Replacement
True HEPA H14 Filter	Once / 12 months	Replacement

### How to Replace the Air Purifying Filter

Check the front of the Filter before replacing it.





## How to Install Wheels

### Caution

- When installing the wheel, unplug the power cord and remove the water tank and water bottle.
- Do not lean on the product with wheels and do not let a child ride on the product with wheels.
- \* It may cause a malfunction of the product or injury due to fall or damage.

### Wheels Sets



1. Wheels (four units)



2. Screws (eight units)

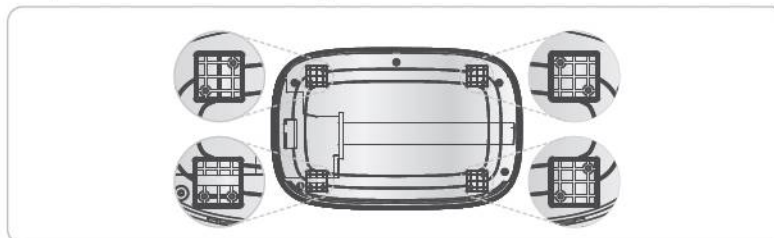
### Tools needed for mounting



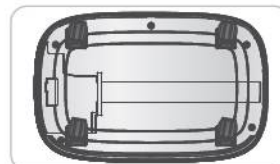
Phillips screwdriver

## How To Mount the Wheels (optional)

- 1 Lay the product carefully on the floor to avoid damaging it.
  - ▶ When you lay the product on the floor, avoid giving a damage to the power cord.
  - ▶ The holes for screw assembly for mounting the wheels differ depending on the position. Please refer to the image below.



- 2 Match the groove unit at the top of a wheel with the bump on the floor of the product, and assemble the screws with the Phillips screwdriver.
  - ▶ Two screws for one wheel
  - ▶ When assembling the wheels, be careful not to get any parts of your body from becoming stuck in the product.
- 3 Assemble the other parts in the same way.
- 4 After assembling, check if they are safely mounted, and carefully install the product.





## Please check before asking for Support.

▼ If you do not comply with this user manual, the device may not work properly. Please read 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.	<ul style="list-style-type: none"> <li>Is the power cord plugged into the power outlet?</li> <li>Isn't the place blacked out?</li> <li>Is the product properly assembled?</li> <li>Have you pressed the ON/OFF button?</li> </ul>	<ul style="list-style-type: none"> <li>Put the Power Plug in a Power Outlet of 120V, 60Hz.</li> <li>Use the product after electricity is supplied.</li> <li>Assemble the product properly.</li> <li>Press the ON/OFF button.</li> </ul>
The volume won't change.	<ul style="list-style-type: none"> <li>Isn't the product in the MANUAL mode?</li> <li>Isn't the product in the SLEEP or BABY mode?</li> </ul>	<ul style="list-style-type: none"> <li>Choose your preferred mode.</li> <li>In Sleep or Baby mode, the air volume is fixated to be the minimum air volume.</li> </ul>
The air does not seem to be purified.	<ul style="list-style-type: none"> <li>Is the indoor air overly polluted?</li> <li>Isn't the room too large?</li> <li>Is there any obstacle around the product?</li> <li>Is the product installed where wind cannot move freely?</li> <li>Hasn't the time for filter cleaning and replacement passed?</li> </ul>	<ul style="list-style-type: none"> <li>Ventilate the room and then use the product.</li> <li>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.)</li> <li>Remove any objects surrounding the unit.</li> <li>Install the product elsewhere.</li> <li>Check the Filter cleaning and replacement cycle and clean or replace the Filters.</li> </ul>
There is an odor coming from the air vent.	<ul style="list-style-type: none"> <li>Did the odor incur in the initial use of the product not long after purchase?</li> <li>Do you use the product in a place with a lot of smoke or smell?</li> <li>Hasn't the time for filter cleaning and replacement passed?</li> </ul>	<ul style="list-style-type: none"> <li>The odor is an activated carbon. The odor will disappear in 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.</li> <li>The performance of the unit may decrease if there is excessive smoke. Please air out the room before using the product.</li> <li>Check the Filter cleaning and replacement cycle and clean or replace the filters.</li> </ul>
The color of the air purification status display is always the same.	<ul style="list-style-type: none"> <li>Isn't there dust on the Lens of the Dust Sensor?</li> <li>Does the dust pollution status continue on low or high?</li> </ul>	<ul style="list-style-type: none"> <li>Clean the lens of the dust sensor.</li> <li>Set the sensor sensitivity to Level 1 (Low) or Level 3 (High).</li> <li>To reset the sensor, unplug the power cord and plug it back after 30 seconds.</li> </ul>
When other functional defects occur	<ul style="list-style-type: none"> <li>Diagnose the problem, unplug the power cord and contact our Customer Service Center.</li> </ul>	

## Product Specifications

Category	Air Purifier
Model Name	CAC-C1020FW
Rated Voltage and Current	120V, 60Hz
Rated Power Consumption	33W
Insulation Rating	Type 2 device
Dust Collecting Method	Mechanical dust collecting method
Safety Device	Power will be deactivated when the door is being opened or closed.
Place for Use	For indoors
Rated area for application with CA certification	403sqft (37.4m <sup>2</sup> )
Product Size	16.9" x 10.9" x 21.7"
Product Weight	16.31lb

※ The information (exterior, design, and specifications) provided in this User Manual is subject to change with out prior notice to improve the quality of the device.

※ CA(Clean Air) - KOREA Air Cleaning Test Standard

※ Manufacturer : CUCKOO HOMESYS CO., LTD.

**MEMO**



# CUCKOO

CUCKOO ELECTRONICS AMERICA INC  
CUCKOO RENTAL AMERICA INC,  
[www.cuckooamerica.com](http://www.cuckooamerica.com)  
[www.cuckoorental.com](http://www.cuckoorental.com)

**We provide satisfying consultation and services concerning your complaints, suggestions, and recommendations upon receiving your troubled product model name, status, and contact information.**

- After reading this manual, keep it in a place easily accessible to the user for future reference.
- This manual includes the warranty.
- Caution : Please read this manual carefully to ensure safety and a longer product lifespan.

Z0383-0042Q0 Rev.1