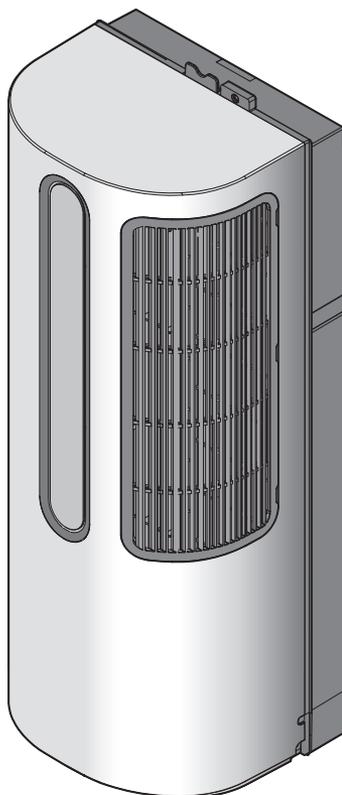


# PASECO Casement Aircon User Manual

**PWA-3300W**

**HFC** | This product uses the new refrigerant HFC (R410A) that does not destroy ozone layer.

- Notification**
1. If you plug in the power, the motor operates to check the closing of the air outlet and motor operation noise occurs.
  2. Even if you turn off the power, the fan operates for about 5 minutes. It is to remove any moisture inside the product and to prevent the mold formation.
  3. During use, open the window on the rear side of the product in the width of the product at the minimum. If it is not open, air-conditioning does not operate.
  4. When using the air conditioner or going out, please pay special attention to crime prevention.



## Casement Aircon



- \*Read the user manual and contact for any inquiry.
- \*Be sure to read the "Cautions on Safe Use" and method of use for accurate use.
- \*After reading it, please keep it in a place where anyone can see any time.
- \*The appearance and the specification of this product are subject to modification without prior notice to consumers to further improve the quality.

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2. Product Specifications .....	07
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## Safety Precautions



**Warning** The contents regarding human death and fatal injury when violating the directions.



**Caution** The contents regarding human injury and material damage when violating the directions.



**Conduct Prohibition** Emphasize the not-to-do items.

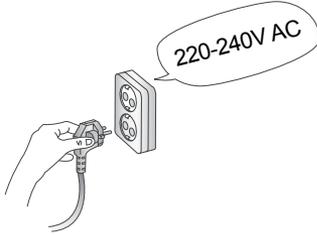


**Forced Directions** Emphasize the items that must be conformed to.

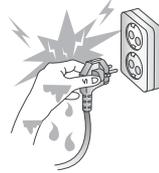
-  Do not use combustibles on the product, or do not use or store in the place with combustibles as it may cause fire.
-  Check if the rated voltage of the device is proper.
-  Refer to Product Specifications on page 7 for product information (including rated voltage).
-  Make sure the air conditioner is safely and accurately installed according to the installation procedure described in the user manual and installation guide.
-  Keep the user manual and installation guide well so that it can be used as a reference for removing, storing and re-installing the product later.
-  When dealing with the product, avoid the damage from pointed metal pins or objects near the product.
-  Be careful not to cover up or block the air inlet or vent.
-  Do NOT put fingers or any foreign material into the air vent.  
There is a fan spinning at the fast speed inside the product, which may cause the injury.
-  Use the product in a moderate-sized room and do NOT use in a closed place for a long time and air it out regularly. Do NOT use in the place wider than the air-conditioning coverage and with high temperature as it lowers the air-conditioning ability in the house.
-  Check if the air conditioner is properly grounded.  
To minimize the risk of shock and fire, proper grounding is important.
-  If the power plug needs to be repaired due to damage, do NOT seek any repair service other than a technician or an electrician in order to avoid any danger.
-  If you want to use the circuit breaker, contact the eligible electricity technician to install the proper power plug.
-  Do NOT use the extension code or adapter plug.
-  The maximum ampere (A) of all devices on the relevant fuse or circuit breaker should not go over the ampere (A) of the fuse or the circuit breaker.
-  This device should not be used by the person with physical disabilities, seniors, the person with mental problems, or who lack knowledge and experience unless supervised or trained when using this device.  
Supervision on children is needed as they may use the product for the playing purpose.
-  Do NOT place the product on a table or a desk  
As it may damage the product after tripping, causing injury to humans.
-  Do NOT hang on to the product or place anything on the product as there is a risk of injury due to conduction and fall.
-  For installation, safely install in the place where it can sustain the product weight according to the installation guide.

## Warning

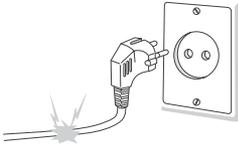
Apply a 220V power.  
When the power is different,  
there may be a risk of electric shock and fire.



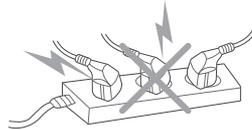
Connect the plug into the outlet safely.  
Do NOT use a damaged plug or loose outlet.  
Do NOT touch the plug or outlet with wet hands  
as it may cause electric shock.



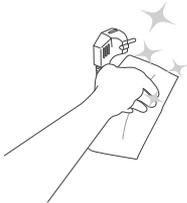
Do NOT damage the power plug.  
- Do NOT load the power plug with the device  
itself and do not place heavy items on the  
power plug.  
- Do NOT pull the power plug to separate the plug.  
- Keep the power plug away from hot parts.  
- Do NOT convert the power plug.  
Disassembling or damaging the power plug  
may cause fire.



Use an independent plug for the air conditioner  
in a power outlet.  
Connecting multiple products may cause fire  
due to overheating.



Pull out the plug for cleaning the power plug.  
Wipe off the dust on the plug.  
as it may cause fire due to dust and moisture.

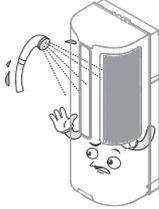


When not in use for a prolonged time,  
pull out the plug.  
Otherwise, it may cause fire.

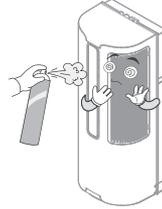


## Warning

Do NOT spray or soak the air conditioner and do NOT use in the place vulnerable to moisture such as in a bathroom. as it may cause fire, short circuit, and electric shock.



Do NOT spray any inflammable gas (pesticide). Do NOT use near the inflammable gas. as it may cause fire or failure.



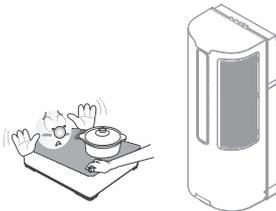
Do NOT hang onto the product or place items on the product. as it may cause injury due to conduction and fall.



Do NOT put a finger or foreign material into air outlet or inlet. It causes damage and failure as there is a fan spinning at a high speed inside.



Do NOT use the product near a burner or cooking equipment as it may cause a failure or deformation.



Do NOT stay under cold winds or operate it at low temperatures for a long time. Prolonged exposure to air conditioner wind can cause hypothermia.

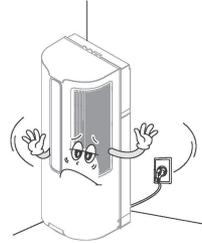


## ⚠ Caution

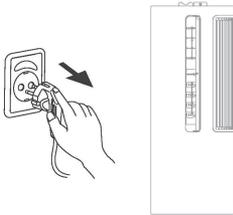
Do NOT pull out the plug by drawing it too hard, or do NOT pull out the power plug with wet hands as it may cause electric shock or fire.



Do NOT use the damaged plug or loose outlet, as it may cause electric shock or fire.



Pull the power plug out from the outlet for maintenance, cleaning, or when not in use for a prolonged time as it may cause electric shock, short circuit, or fire due to insulation aging.

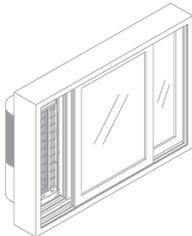


When going out, close the window on the rear side and lock the combination lock in order to prevent an outsider from trespassing. In addition, close the window in the case of strong winds and heavy rain such as typhoon, to secure the product safety.



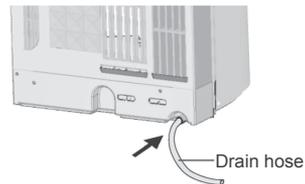
Open the window on the rear side of the product completely during operation. (You can close the screen.)

Check if the packing of the holder blocks the outdoor air.

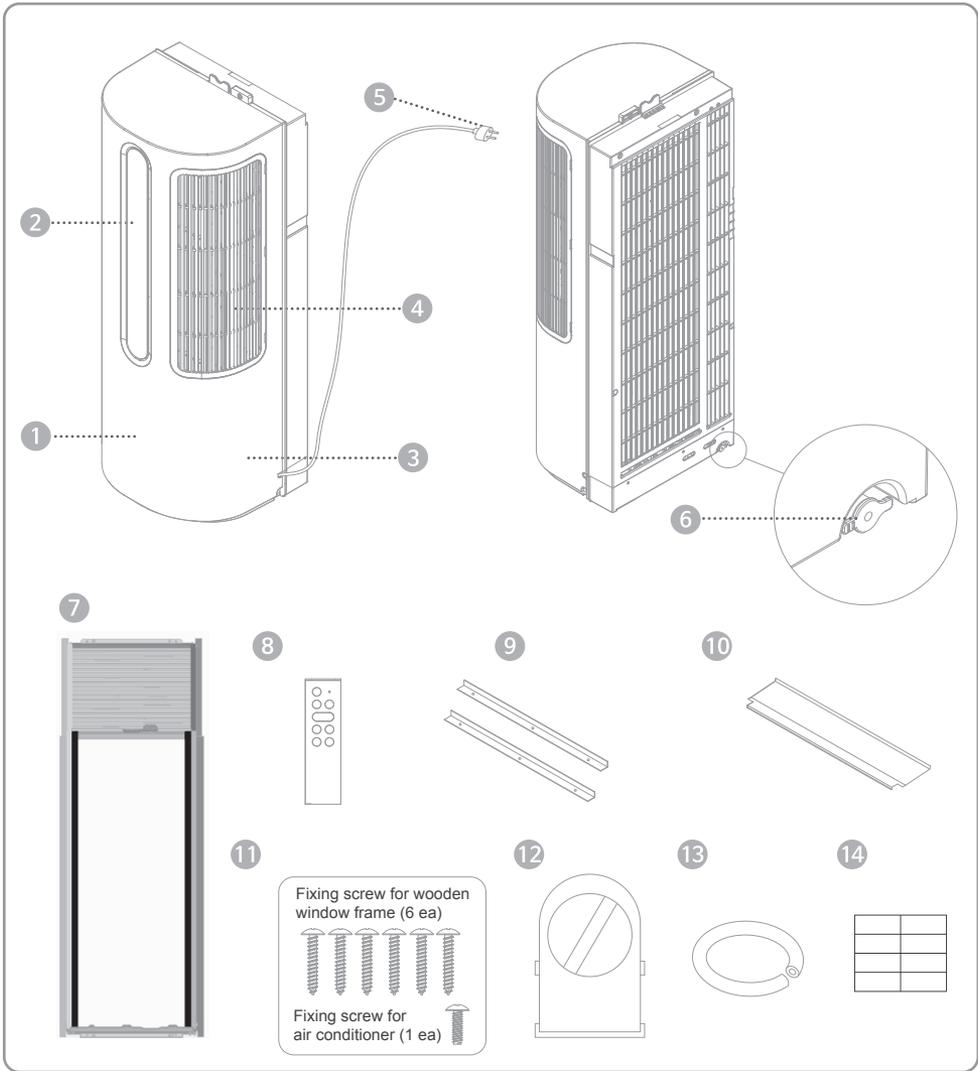


If the rain enters the product directly or if the room is wider than the recommended size, the cooling performance may decrease. In this case, pull out the drainage cap at the rear of the product and connect a drain hose to the product to discharge the water to the outside.

- ※ When draining the condensate water, install the hose to avoid damage to neighbors.
- ※ A drain hose needs to be purchased separately (inner diameter  $\varnothing 7$ ).



## Names of Each Unit



- 1 Operation unit and dashboard
- 2 Wind adjusting wing
- 3 Remote control attachment location
- 4 Air filter (right side)
- 5 Power plug

- 6 Water drain
- 7 Air conditioner holder
- 8 Remote control
- 9 Window sash protecting plate (wooden window frame fixing plate)

- 10 Gasket for rainwater prevention
- 11 Securing screw set
- 12 Window lock
- 13 Insulator tube
- 14 Gap finisher

## Product Specifications

Model Name	PWA-3300
Compressor	Dual Inverter
Rated Voltage	220-240V , 50Hz / 60Hz
Cooling Capacity	1310W
Power Consumption	345W
Product Weight	20.5KG
Product Size (W)x(D)x(H)	330 x 277 x 850 (mm)
Temperature for Usage Environment	15°C~ 42°C
Temperature Setting	18°C~ 30°C
Name of Refrigerant /Charging Amount	410A / 420g

## Preparation

### Remote Control

Separate the battery cover on the remote control and insert the battery to combine the cover again for use.

### Window Check

Check if the packing of the air conditioner holder is closely attached to the window frame to block the flow of outside air.

Check if the window and the screen on the rear side of the product are widely open.

Check if the window is open in the width of the air conditioner at the minimum.

Put in the circular insulation in between the windows to block the flow of outside air.

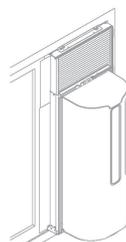
### Window Lock

When opening the window, insert the enclosed "window lock" as shown in the image and rotate clockwise to fix the window.

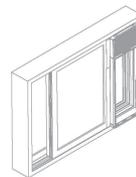


**Warning**

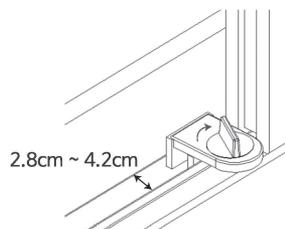
As it is not the ultimate crime prevention measures, please fix the window with other definite method. Use the specific combination lock other than wooden window frames or regular frames.



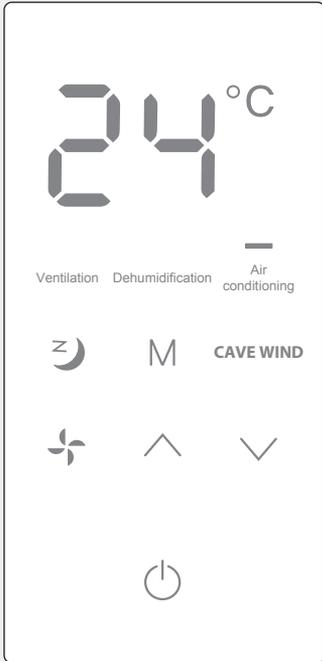
Indoor



Outdoor



# Operation Method



Power

Turn on/off the product



Sleep Mode

The appliance enters into the sleep mode with the cooling noise minimized

※ Temperature display will turn off after 10 seconds when the sleep mode turns on.



Mode

- Air-conditioning: Setting from 18°C to 30°C is available

- Dehumidification: Use when humidity level is high (The airflow speed is automatically set at 4 and the humidity at 50%. You can change the humidity to Co (constant), or within the range from 35% to 70%)

- Ventilation: the airflow speed is automatically set at 3, and can be changed as preferred

CAVE WIND

In the CAVE WIND, strong air blows out for first 10 minutes or so, and then the appliance will change the airflow speed by monitoring and responding to changes in the ambient temperature and humidity. In this mode, the appliance will adjust the temperature and humidity in such a way that you can feel like sitting in a cave.

(The temperature and humidity control operation time may differ depending on the room or ambient conditions.)

※ The display will show "CA", meaning that it is operated in the CAVE WIND.



UP/DOWN

Temperature/Humidity/Time Setting



Air Volume (Wind Intensity)

Controls the airflow speed (5 steps) in the air-conditioning or ventilation modes.

※ When adjusting the airflow speed, it is set in the order of 3→4→5→1→2→3.

## Temperature Display

- Press and hold the mode key (M) for 3 seconds to display the current room temperature. The display will show the room temperature for 3 seconds and then return to the setting temperature.

Temperature display is not available in the dehumidification mode.

※ The display will show the current room temperature in the ventilation mode.

## Turning off the dashboard

- If the dashboard is too bright, you can turn off the setting temperature on the dashboard.

- Press and hold the sleep mode display button (z) for about 2 seconds to turn off the temperature display.

- Press any key to unlock.

- If you want to turn it off again, press and hold the sleep mode display button (z).

- If you press the power button (⏻) while the setting temperature is turned off, the appliance will be turned off.



Dashboard on

Press for 2 seconds



Dashboard off

# Remote Control

※ When the main body is off, the power button and the reservation button are only available to use.



Power

Turn on/off the product



Sleep Mode

The appliance enters into the sleep mode with the cooling noise minimized

※ Temperature display will turn off after 10 seconds when the sleep mode turns on.



Mode

- Air-conditioning: Setting from 18°C to 30°C is available
- Dehumidification: Use when humidity level is high (The airflow speed is automatically set at 4 and the humidity at 50%. You can change the humidity to Co (constant), or within the range from 35% to 70%)
- Ventilation: the airflow speed is automatically set at 3, and can be changed as preferred



UP/DOWN

Temperature/Humidity/Time Setting



Air Volume  
(Wind Intensity)

Controls the airflow speed (5 steps) in the air-conditioning or ventilation modes.

※ When adjusting the airflow speed, it is set in the order of 3→4→5→1→2→3.



Reservation

Only available with the remote control

- When the product is on: Reserve the power off time
- When the product is off: Reserve the power on time
- ※ Available when the power plug is connected
- Time is set from 1 to 24 hours with 1 hour interval
- ※ When the power on time is reserved, the display will show the remaining time in hours and minutes (when the remaining time is less than an hour).



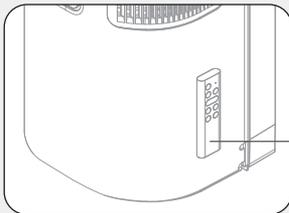
Wind Direction

Used when adjusting the direction of winds (Left ↔ Right auto rotation ON/OFF)



Turbo Operation

Setting temperature 18°C, the air-conditioning operation through the maximum wind amount



Remote control attachment location

# How to Use

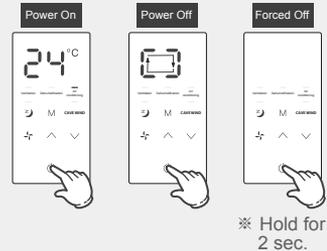
## ⚠ Caution

### Make sure to open the rear-side window

- Air-conditioning power gets low due to failure to emit heat and product gets damaged due to noise and deformation.
- When the exhaust vent on the rear of the air conditioner is blocked by the window, "OP" appears on the display.
- ※ When "OP" appears on the display, open the window. (It is not a malfunction.)

## 1. Power Button

- When the power is on
  - The air-conditioning starts at the basic setting temperature of 24°C and wind.
  - ※ Display setting temperature on the dashboard.
- When the power is off (Auto-dry)
  - Auto-dry function is on for about 5 minutes.
  - Auto-dry removes the moisture that arises due to temperature difference.
  - ※ In Auto-dry display, the light rotates in the clockwise direction, and the operation of the indoor and outdoor fans starts.
  - If you want to force off the Auto-dry function, press the power button to terminate.
  - ※ In this case, the heat exchanger may still have moisture,

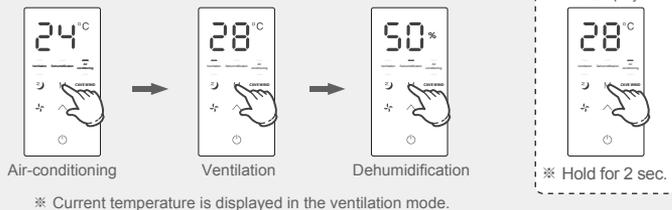


## 2. Sleep Mode

- Sleep mode minimizes the noise through minimum output operation.
- Air-conditioning setting temperature is displayed at 24°C.
- When setting the reservation time, press the reservation key and adjust UP/DOWN key for time setting.
- The operation time can be set up to 24 hours at 1 hour interval (00→01→02.....→24→00)
- ※ Press and hold the Sleep Mode key for over 2 seconds to turn off the LED display (Setting temperature 24°C).
- ※ **Wind power adjustment is not available during the sleep mode.**

## 2. Mode

- Press the mode button to change the mode in the following order :  
air-conditioning → ventilation → dehumidification function.
- Holding this button for 2 seconds will show the current room temperature in the display for 3 seconds.
- Air-conditioning mode: You can adjust the temperature within the range from 18°C to 30°C. (The display will show the set temperature)
- If you turn off/on the appliance while it is running in the air-conditioning mode, the display will show the temperature previously set.
- ※ The display shows the factory set temperature of 24°C when the power is disconnected.
- Dehumidification mode: The airflow speed is automatically set at 4 and the humidity at 50%. The humidity is adjustable.
- Ventilation mode: Select this mode to circulate the air in the room or to use it for a fan.
- ※ In the ventilation mode, temperature control is not available.

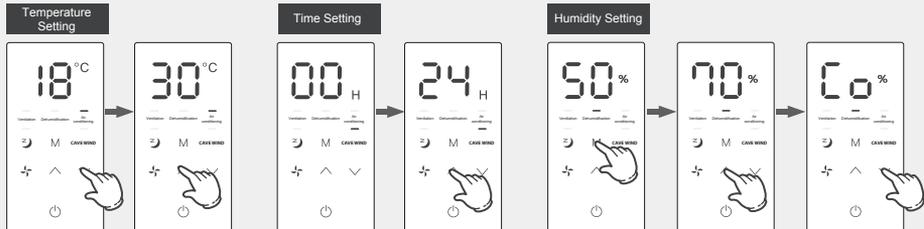


※ Current temperature is displayed in the ventilation mode.

## How to Use

### 4. UP/DOWN

- Use for temperature setting and time reservation.
- Temperature setting is available from 18 to 30°C with 1°C interval.
- Time is set from 1 to 24 hours with 1 hour interval
- You can set the humidity to Co (constant) or adjust it within the range from 35% to 70% with 5% interval.



### 5. Reservation (\* Only available with the remote control)

- Set the ON/OFF time of the product.

#### - While the appliance is ON:

You can set the OFF timer.

Set the time within the range from 1 to 24 with 1 hour interval.

Repeated flickering of 00 means there is no set time.

When the timer is set, the display returns to the current operation status.

#### - While the appliance is OFF.

You can set the ON timer.

Set the time within the range from 1 to 24 with 1 hour interval.

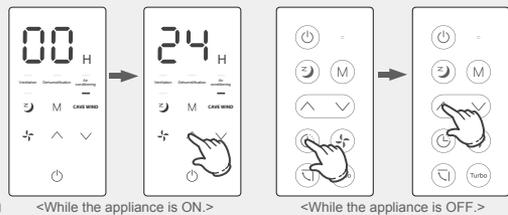
Repeated flickering of 00 means there is no set time.

- While setting the ON timer, you can select the mode in which your appliance will run.

- Press the reservation button twice in a row to cancel the reservation.

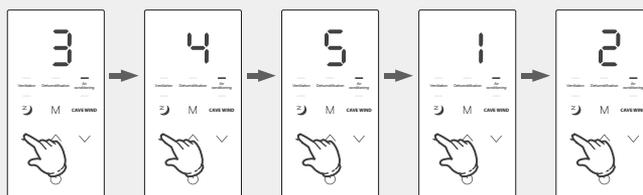
\* To display the remaining time on the dashboard, press the reservation button again.

When the power on time is reserved, the display will show the remaining time in hours and minutes (when the remaining time is less than an hour).



### 6. Air Volume

- Use to adjust the wind intensity on air-conditioning/ventilation modes.
- Each time you press the button, it is set in the order of 3→4→5→1→2→3, and it is not adjusted in the sleeping/dehumidification/CAVE WIND.
- If you change the airflow speed in the turbo mode (i.e. when this button is pressed after the Po indication is on the display), the mode changes to air-conditioning, allowing you to adjust the airflow speed.



## How to Use

### 7. CAVE WIND

In the CAVE WIND, strong air blows out for first 10 minutes or so, and then the appliance will change the airflow speed by monitoring and responding to changes in the ambient temperature and humidity.

(The temperature and humidity control operation may differ depending on the room or ambient conditions.)

※ The display will show "CA", meaning that it is operated in the CAVE WIND.



### 8. Wind Direction Adjustment

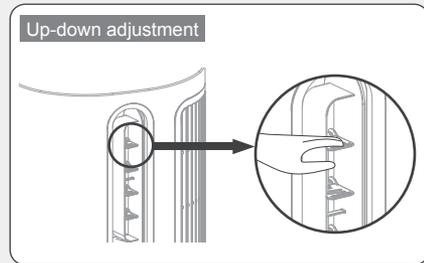
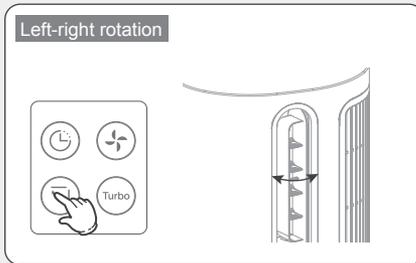
- Press the wind direction adjustment button to rotate the wind directing adjustment wings in the left or right.

Left, right direction adjustment is only available on the remote control.

- Press one more time to stop rotation, and it stops at the currently open location.

- The up-and-down angle of the wind direction should be adjusted manually.

※ Adjusting the blade up, down, left and right too frequently can cause condensation on the front edge.



### 8. Turbo Operation

- Press the Turbo button to operate the product with the maximum output.

(Regardless of the previously used mode, it displays Po (POWER) for about 3 seconds on the dashboard, and operates in the air-conditioning mode with the setting temperature of 18

※ Temperature setting is available during turbo operation.



#### Notification

- The product adopted a drain pump evaporation system to remove condensed water completely. (When the evaporation system is running, slight noise may occur due to the operation of the drain pump inside the machine compartment.)

- When not using the product for a prolonged time, remove the drain cap on the rear side of the product and drain the condensate water before inserting it again.

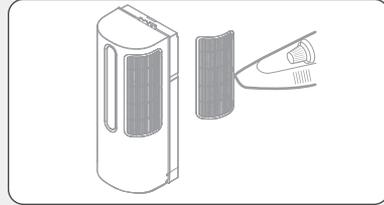
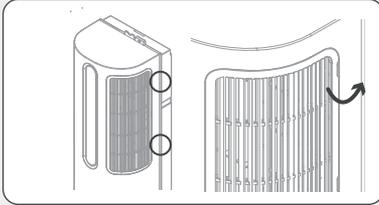
- If you need a drain hose due to the installation environment, refer to page 6 of the user manual and purchase a drain hose separately.

※ There may be flood due to rain, and air-conditioning may slow down on a rainy day. When the humidity level is high, water may form on the window frame or on the rear side of the product. (There is no abnormality in the product.)

# Management and Cleaning

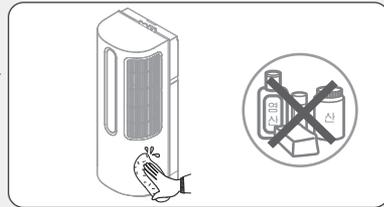
## 1. Filter Cleaning

- Disassemble the filter by pushing it to the front after inserting a (-) screwdriver or sharp object into the groove on the right.
- Remove the dust on the disassembled filter with a vacuum cleaner and insert it from the left to the right.
- When cleaning with water, fully dry it in the shady place before assembling.



## 2. Main Body Cleaning

- Remove any impurities on the main body with a soft cloth.
- Do NOT spray water or use chemicals.
- There may be deformation, discoloration of the product, fire, and electric shock due to electrical shock.

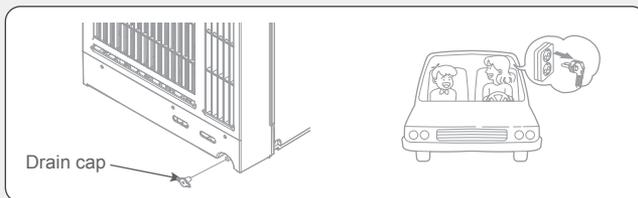


## 3. Cleaning the Cooling Fins

- Disassemble the filter and spray the detergent toward the cooling fins until the detergent flows down from the fins.
- After the detergent flows down completely, operate the air conditioner for five minutes (Turbo mode).
- Repeat the same steps twice to clean the cooling fins, and operate the air conditioner for more than 30 minutes in the air-conditioning mode.
- ※ The detergent and foreign substances may remain in the water tank together with the condensed water. So, pull out the drainage cap and remove the condensed water and detergent.
- ※ Make sure that you use a detergent dedicated to air conditioner fin cleaning.

## 4. When Not in Use for a Prolonged Period

- When not in use for more than 1 month, remove the drain cap on the rear side of the product and drain the condensate water. After removal, make sure to plug in the drain cap again.
- After draining the condensate water, operate the ventilation mode for about 2 hours to remove any moisture inside the product to prevent mold formation.
- When not in use for a prolonged period of time, remove the product and the holder from the window frame to store it in a place without sunlight after cleaning and removing any remaining moisture. Continuous exposure to sunlight causes deformation, discoloration, and deterioration.



## Failure symptoms and countermeasures

Symptoms	Check point	Countermeasures
<b>The product does not work, but only fan works.</b>	Isn't the plug out?	Apply the power.
	Isn't the product operating in the ventilation mode?	Select a different mode.
	Is the temperature set properly?	Lower the setting temperature.
	Does 'FL' appear on the display?	Contact the service center.
<b>There is no cool wind, and it does not get cool.</b>	Isn't the filter on the right blocked?	Clean out the filter.
	Is the temperature set properly?	Lower the setting temperature.
	Isn't the indoor outlet or outdoor vent blocked?	Remove any material causing the blockage.
	Isn't the indoor window open or door of the room open?	Close the window or door.
	Is the outdoor window open?	Open the window on the rear side of the product.
	Isn't the sunlight too strong on the exterior?	Strong sunlight may increase the temperature of the heat exchanger and lower the air-conditioning efficiency.

## Troubleshooting and Information Code

If the message as below pops up on the front display, please contact the service center.

Code	Details	Confirm	Countermeasures
dF	Auto defrost mode is displayed (When the heat exchanger sensor detects the temperature below zero)	Does the compressor constantly work? Isn't the power plugged even during winter season?	Contact the service center. Separate the power plug.
OP	If it detects the abnormal temperature around the exhaust vent of the air-conditioner	Is the window on the rear side of the product open? Isn't the exhaust hole of the air conditioner blocked?	Open the window and lower the Temperature around the outlet
E1	When the heat exchanger sensor detects the abnormal temperature	Is there abnormality on the sensor inside the filter?	Turn off the power and operate it again after 3 minutes.
E2	The wind does not come out from the front or rear of the product or acts abnormally.	Is the fan inside the product spinning (running)?	Turn off the power and operate it again after 3 minutes. If it does not work, please contact the service center.
E3	If the product does not work	-	Turn off the power and operate it again after 3 minutes. If it does not work, please contact the service center.
E4	If the wind on the front side of the product is not cool enough	Is the mode set to ventilation? Is the setting temperature higher than indoor temperature?	Turn off the power and operate it again after 3 minutes. If the cool wind does not come out, please contact the service center.

