



Room air conditioner for home use

# operating instructions

RX series



Plasmacluster NEXT \*1

Shape name

Indoor machine

**AY-R22X**  
**AY-R25X**  
**AY-R28X**  
**AY-R36X**  
**AY-R40X2**  
**AY-R56X2**  
**AY-R63X2**  
**AY-R71X2**  
**AY-R80X2**

Outdoor unit

AU-R22XY  
AU-R25XY  
AU-R28XY  
AU-R36XY  
AU-R40X2Y  
AU-R56X2Y  
AU-R63X2Y  
AU-R71X2Y  
AU-R80X2Y



When connected to the Internet, the air conditioner

More convenient to use

“COCORO HOME” app download



\*Product

I would like

• You can manage all your home appliances  
on the web! • Easy access to support information such as consumables for  
registered products! • We will give you “Waku  
Waku Points” for entering the lottery  
to win our products, etc.! In addition to automatic answers,  
chat consultation with an

operator is available for members only! <https://cocoromembers.jp/>

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Thank you very much for your purchase. Please read this instruction manual carefully and use it correctly. Please be sure to read the "Safety Precautions" before use. Be sure to keep this instruction manual, along with the warranty card and installation manual, in a place where you can see it at any time.



Plasmacluster logo and Plasmacluster,  
Plasmacluster is a registered trademark of Sharp Corporation.

\*1 The approximate number of ions with this technology mark is 50,000 or more per 1cm<sup>3</sup> in the center of  
the room (1.2m above the floor) where the Plasmacluster is applicable when the product is  
installed on a wall and operated at "maximum air volume".

Production control code



# Safety Precautions - Please be sure to follow them -

This explains the precautions to be taken to prevent harm to people and damage to property.

The types of contents that may occur due to incorrect usage are categorized and explained as follows.

 <b>caveat</b>	Contents that may cause death or serious injury.	 <b>Note</b>	Contains information that may cause minor injury or damage to property.
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The types of content that must be observed are explained using the following graphic symbols.

 Something you can not do.	 What you have to do.
---	--



To prevent fire, electric shock, and serious injury

## power plug or cord



- Do not pull out the power plug while driving. (Cause of fire due to electric shock or discharge) • Do not pull out the power cord by grasping it. (Cause of heat generation and fire due to disconnection) • Do not insert or remove with wet hands. (Cause of electric shock) • Do not connect the cable in the middle or use an extension cord. Do not do octopus-leg wiring. (Cause of electric shock, heat generation, and fire) • Do not bundle, pull, place heavy objects on, heat, or press. (Cause of electric shock, heat generation, and fire)
- Insert the power plug securely all the way to its base. (Poor contact may cause electric shock or fire.) • Remove dust from the power plug and outlet regularly. (Cause of electric shock/fire)



### In the event of an abnormality or malfunction, immediately stop using the product and unplug the power plug.

(Cause of smoke, fire, electric shock, and injury)

[Example of abnormality/failure] - The power cord or plug is abnormally hot. • The power plug is discolored. • There is a burning smell. - Abnormal noises or rattling vibrations. • The breaker trips frequently. • Water leaks from the indoor unit.

Please contact the store where you purchased the product for inspection and repair.

## When using



- Do not insert fingers or sticks into the inlet or outlet. (The fan rotates at high speed and may cause injury.) • Do not expose your body to cold air directly for a long period of time or allow it to become too cold. (Causes of deterioration of physical condition and health disorders)

## When installing, relocating, disposing, or repairing



- Do not use (replenish or replace) refrigerant other than the specified refrigerant (R32). (Cause of failure, rupture, injury, etc.)



- Make sure to use a dedicated power outlet for the air conditioner. (Cause of heat generation and fire) • Make sure that a ground or earth leakage breaker is installed. (Cause of electric shock/fire)

Please check with the store where you purchased the product or a specialist company.



- For installation, relocation, disposal, or repair, be sure to ask the store where you purchased the product or a specialist company. (Cause of water leakage, electric shock, heat generation, fire, and injury)
- If the product does not cool down or heat up, one of the causes may be a refrigerant leak, so consult the store where you purchased it. (Refrigerant is safe and usually does not leak, but if it leaks indoors and comes into contact with fire such as a fan heater or stove, harmful products may be generated.)

## When cleaning



- Do not clean the inside of the air conditioner or disassemble it using tools. • Do not spray disinfectants, deodorants, insecticides, etc. (Causes of water leakage, refrigerant leakage, damage, failure, smoke, and fire) For cleaning the inside of the air conditioner, please contact the store where you purchased the product or Sharp Marketing Japan Co., Ltd. Customer Service Company. Back cover



# 注意

To prevent electrical leakage and injury, and protect household goods, etc.

## When using



- Do not expose animals or plants to direct wind.  
(Causes of adverse effects on animals and plants)
- Do not use for raising or cultivating animals or plants, storing food, precision equipment, works of art, etc. (Adverse effects on the performance, quality, and lifespan of objects and causes of air conditioner failure)
- Do not operate with wet hands. (Cause of electric shock) • Do not place other electrical products under the indoor or outdoor unit.  
Do not leave household goods etc.  
(Water droplets may fall, causing stains, malfunctions, and electric shocks.) When the humidity is high (over 80%), close windows and doors.  
Do not run the air conditioner or dehumidifier for a long time with the door open.  
(Water drops may fall and cause stains, malfunctions, and electric shocks)
- Do not hang laundry etc. on the indoor unit.  
(This may cause the indoor unit to fall and cause injury.) • Do not step on or place objects on top of the outdoor unit. (If placed on a balcony, it may cause the product to fall.) • Do not use the product on a damaged installation stand. (This may cause the remote control to fall and cause injury.) • Do not place the remote control within the reach of young children. (Cause of poor physical condition or accidental battery ingestion due to incorrect operation)

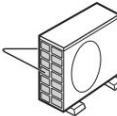


- Do not place objects or fallen leaves around the outdoor unit.  
Make it irresistible. (Insects may enter, causing malfunctions, fires, and smoke)
- When operating with combustion appliances, open windows frequently to ventilate the area. (Cause of oxygen deficiency)
- Place combustion appliances in a place where they are not exposed to direct airflow from an air conditioner. (Cause of incomplete combustion) • If there is a risk of lightning, stop operation and unplug the power plug. (Lightning may cause malfunctions)
- If you are not going to use it for a long time, disconnect the power plug. Pull it out. (Accumulation of dust may cause heat generation and fire.) • Stop operation when performing interior work or waxing the floor. (Volatile components adhere to the inside of the air conditioner, causing water leakage and dew splashing.) After work, open the windows and doors to provide sufficient ventilation before operating the air conditioner.

## When cleaning



- Do not wash the indoor or outdoor unit directly with water or place containers containing water on it. (Cause of electric shock or fire)
- Do not stand on an unstable platform. (Causing injury such as falling) • Do not touch the aluminum parts of the indoor or outdoor unit .  
Aluminum part (cause of injury)



- Be sure to stop operation and unplug the power plug. (Fan rotating at high speed may cause injury)
- Dry parts that have been wiped or washed with water thoroughly in the shade. (Remaining water may cause electric shock)

## When installing



- Make sure that the product is not installed in a location where there is a risk of flammable gas leaking. (If gas leaks, it may cause a fire.) • Make sure that the drain hose is properly connected to drain water. (In case of uncertainty, cause of getting household goods etc. wet)

## Wireless LAN function



# 警告

To prevent fire, electric shock, and serious injury

When operating from outside, you cannot check the status of the air conditioner, its surroundings, or people at home, so be sure to thoroughly check safety before use. In some cases, death or serious injury to people or property damage may occur. • Make sure that the power plug is firmly inserted all the way to the base, and that there is no dust on the power plug or outlet.

Make sure that. (Poor contact may cause heat generation, ignition, or fire.) • Check the status of timer reservations and other settings set by other people in advance.

(A cause of poor physical condition due to unexpected operation or stoppage. A cause of adverse effects on animals and plants)

• Beforehand, check that there is no problem with the air conditioner. (Cause of smoke, ignition, and fire) • Make sure in advance that changes in the airflow from the air conditioner will not have a negative impact on the room (no objects that can fly off, etc.).

(Objects may fall due to the wind, causing fire, injury, and damage to household goods)

• If you know there will be other people around, let them know that you will be operating the air conditioner from outside.  
(Cause of accidents, injuries, and deterioration of physical condition due to unexpected driving or stopping)

• Frequently check the air conditioner settings and operating status on your smartphone. (Causes of accidents, injuries, and deterioration of physical condition)

# About installation

- Avoid installing in the following locations.

- Places with a lot of steam or oil smoke.  
A place with a lot of machine oil.
- Places where the outdoor unit is blocked by snow.  
Places where the indoor unit is exposed to direct sunlight for long periods of time, such as in sunrooms or greenhouses.
- Places that are affected by ammonia, such as those exposed to animal urine.

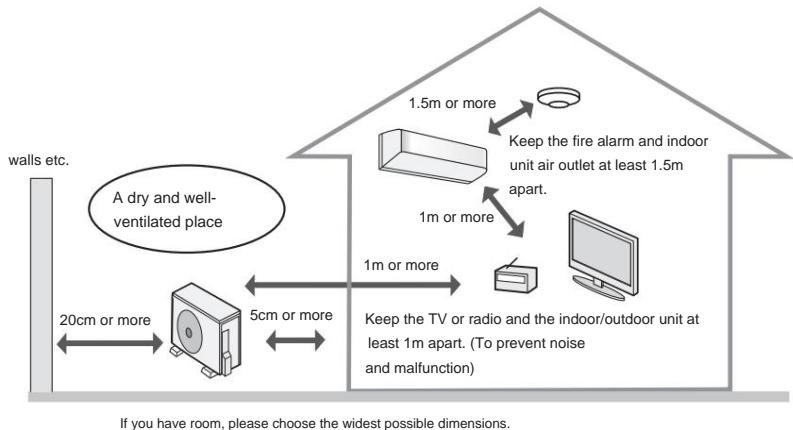
- Places with a lot of sulfide gas, such as hot springs.  
Places with a lot of salt, such as coastal areas.

Choose a location that can sufficiently withstand the weight of the air conditioner and that does not transmit significant operating noise or vibration. •Choose a location where the wind from the outdoor unit's outlet and the operating noise will not disturb your neighbors. •Do not place anything near the outlet of the outdoor unit.

(Cause of decreased functionality and increased noise)

- If you hear any unusual noises during use, please contact the store where you purchased the product.

•Please drain water from the air conditioner in a place with good drainage. Do not block the end of the drain hose.



## When not used for a long time

- Manually clean the filter and perform internal cleaning operation. Pages 38, 39
- After stopping operation, disconnect the power plug. Or turn off the safety breaker for the air conditioner.

- Clean each part. Pages 41 to 51
- Remove the batteries from the remote control. (Prevention of failure due to liquid leakage) Page 5

Please check the following

items when you start using it again . •Is there any dust remaining in the dust box or is the air filter dirty? •Are the inlets and outlets of the indoor unit and outdoor unit blocked? •Is the drain port of the drain hose not blocked? •Is there any dust on the power plug or outlet? •Is the ground wire broken or disconnected? For grounding work, please contact the store where you purchased the product or a specialist company.

- Is the installation of the outdoor unit unstable? Please contact the store where you purchased the product.

### Precautions when disposing

Under the Home Appliance Recycling Law, which went into effect in April 2001, when customers dispose of used room air conditioners, they are required to pay collection and transportation fees and recycling fees, and then properly send the items to retailers or municipalities. is required to be handed over to.



Home air conditioners contain fluorocarbons (R32) with a GWP (global warming potential) of 675. To prevent global warming, it is necessary to collect fluorocarbons when relocating, repairing, disposing, etc.

### [Regarding the refrigerant visualization display]

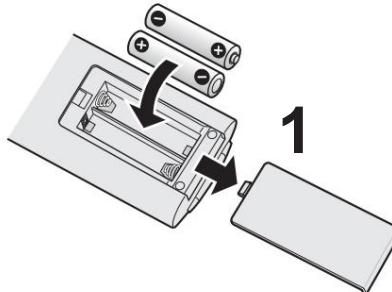
This display is intended to help you recognize that household air conditioners contain greenhouse gases (fluorocarbons). When removing the air conditioner, it is necessary to collect fluorocarbons. When disposing of the product, if you properly hand over the product in accordance with the Home Appliance Recycling Law, you can be sure that the fluorocarbons will be properly disposed of.

# Before use

Insert batteries into the remote control

**1**Slide and open the back cover.

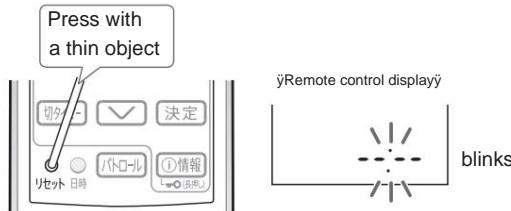
Insert  correctly  
•Please insert from the minus side.



**2**Insert two AAA alkaline batteries,  
Close the lid.

**3**Open the front cover and  
Press the reset button.

- Be sure to press this button to avoid malfunction.



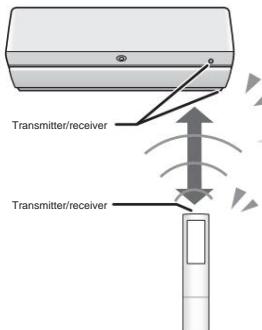
## Regarding batteries

- If " " appears on the remote control or the signal is difficult to receive, replace the battery.  
(Battery life is approximately 1 year. Depending on usage conditions, life may be less than 1 year.) -The included battery is provided for initial use and may wear out in a short period of time. there is. - When replacing both batteries, please use new AAA alkaline batteries of the same type. •Do not use rechargeable batteries (Ni-Cd, nickel metal hydride, etc.). (Cause of malfunction)  
- If you replace the batteries, the remote control will return to the factory settings. Please set the date and time. 9 pages

**Note** Please remove the battery when not using the product for a long period of time. (To prevent failures due to liquid leakage or bursting)

- If battery solution gets in your eyes or on your skin or clothes, immediately rinse it off with clean water.

## How to use the remote control



Operate towards the air conditioner

The range in which signals can be sent and received is approximately 7m in front of the main unit.

- Make sure there is nothing blocking the signal.

## Signal reception sound and content

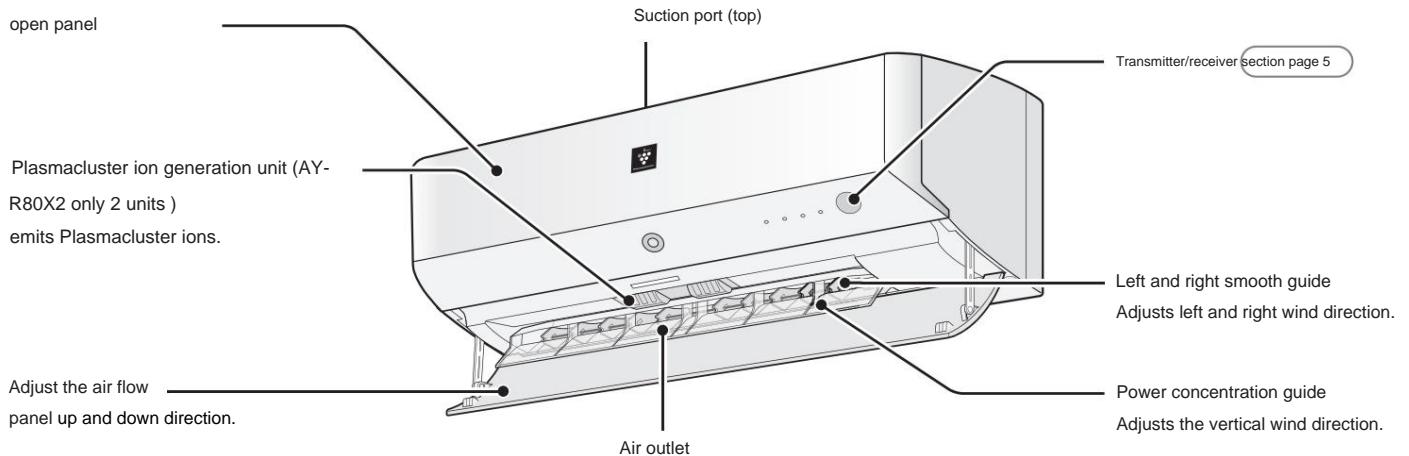
Reception sound	Notice content
P	Operation stoppage
Beep	Operation/setting/setting cancellation
Beep beep	When transmitting and receiving from the remote control

**Caution** Do not subject the remote control to shock or expose it to water. Also, do not place it in direct sunlight or near a stove. (Cause of malfunction) • In rooms with electronic instant lighting type fluorescent lamps (inverter type, rapid start type, etc.), It may not receive the signal. In this case, please contact your retailer.

**Notice** • If you want to mount the remote control on the wall, please use the remote control holder sold separately. 63 pages

# Names of each part 1

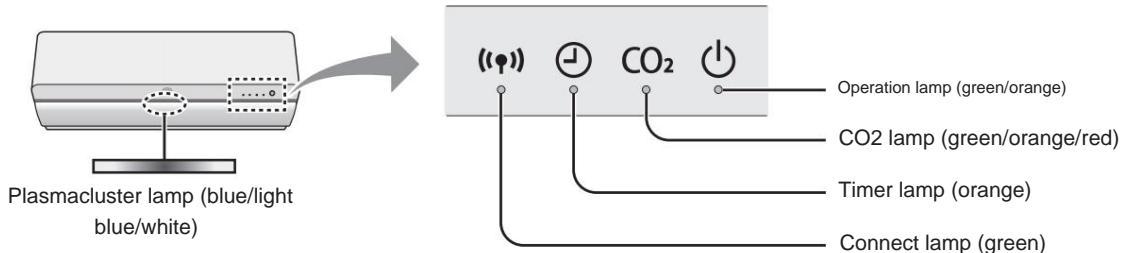
## Indoor unit



This air conditioner is equipped with a CO<sub>2</sub> sensor.

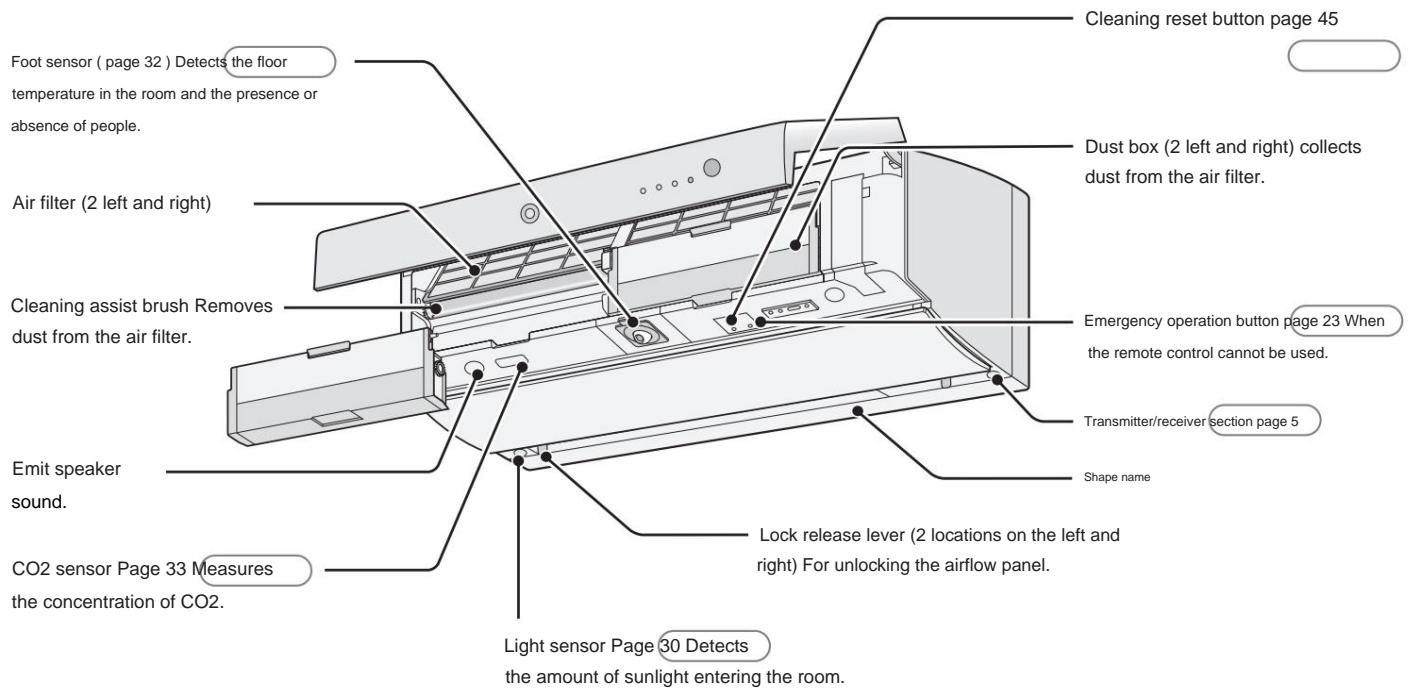
The CO<sub>2</sub> sensor measures the CO<sub>2</sub> concentration (carbon dioxide concentration) in the room and notifies you of the timing of ventilation using the color of the CO<sub>2</sub> lamp and sound.

Main unit display (notification content when lit) When blinking, please refer to "When the indoor unit lamp blinks". 60 pages



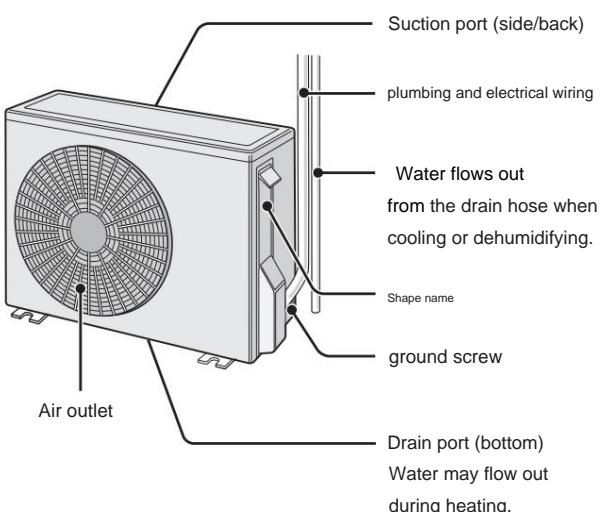
lamp		color	Notice content
	driving lamp	green	driving
		Orange	Plasmacluster Patrol in operation 40 pages
	CO <sub>2</sub> lamp page 33	green	CO <sub>2</sub> concentration: less than 1000ppm Good ventilation conditions.
		orange	CO <sub>2</sub> concentration: 1000ppm to 1499ppm We recommend changing the air by opening windows.
		red	CO <sub>2</sub> concentration: 1500ppm or more We recommend changing the air by opening windows.
	Timer lamp orange	Timer reservation in progress	
	connect lamp green		Air conditioner and wireless LAN access point (router) are connected pages 34-37
	plasma cluster lamp	blue	Plasmacluster ions being released Plasmacluster Patrol (Room Plus Mode) operating page 40
		light blue	During filter cleaning/internal cleaning page 38, 39 While Plasmacluster Patrol (internal mode) operation page 40
		White	Plasmacluster patrol setting in progress (only when operation is stopped) Page 40

When the open panel is opened, the dust box on the left side is removed.



**Note** Do not touch the airflow panel or lock release lever while driving. (Cause of injury, damage, or malfunction)

### Outdoor unit



### accessories

ÿ Remote control      ÿ AAA alkaline batteries (2)



ÿ Instruction manual (this book)\* ÿ Construction manual\* ÿ

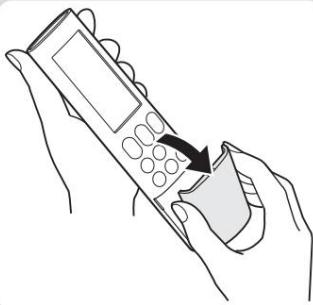
#### Warranty

\*This product is for use in Japan, and there are no instructions in languages other than Japanese.

This model is designed exclusively for Japan, with manuals in Japanese only.

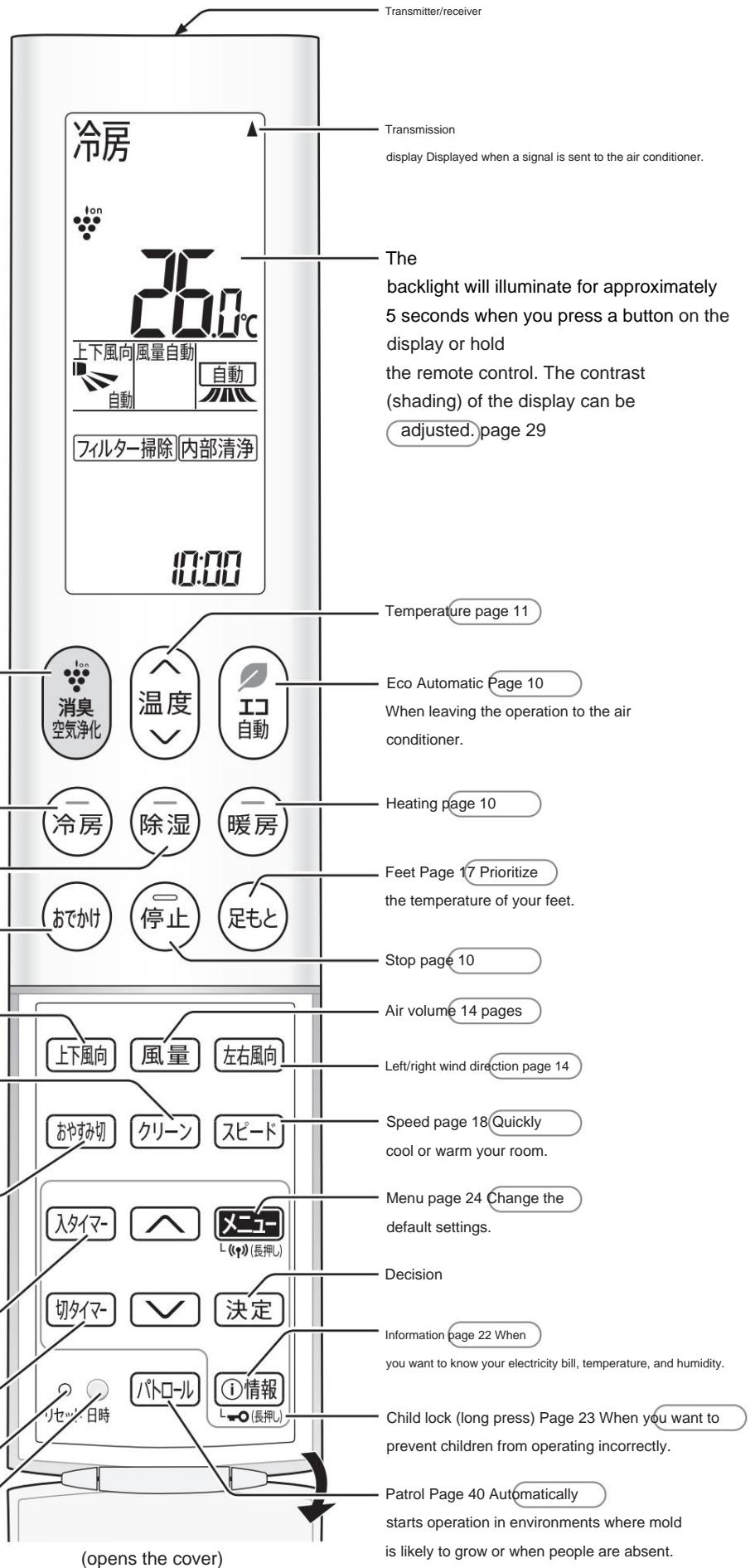
# Names of each part 2

Remote controller



How to open the cover

Raise the cover towards you and open it. •When closing the cover, close it until it clicks.



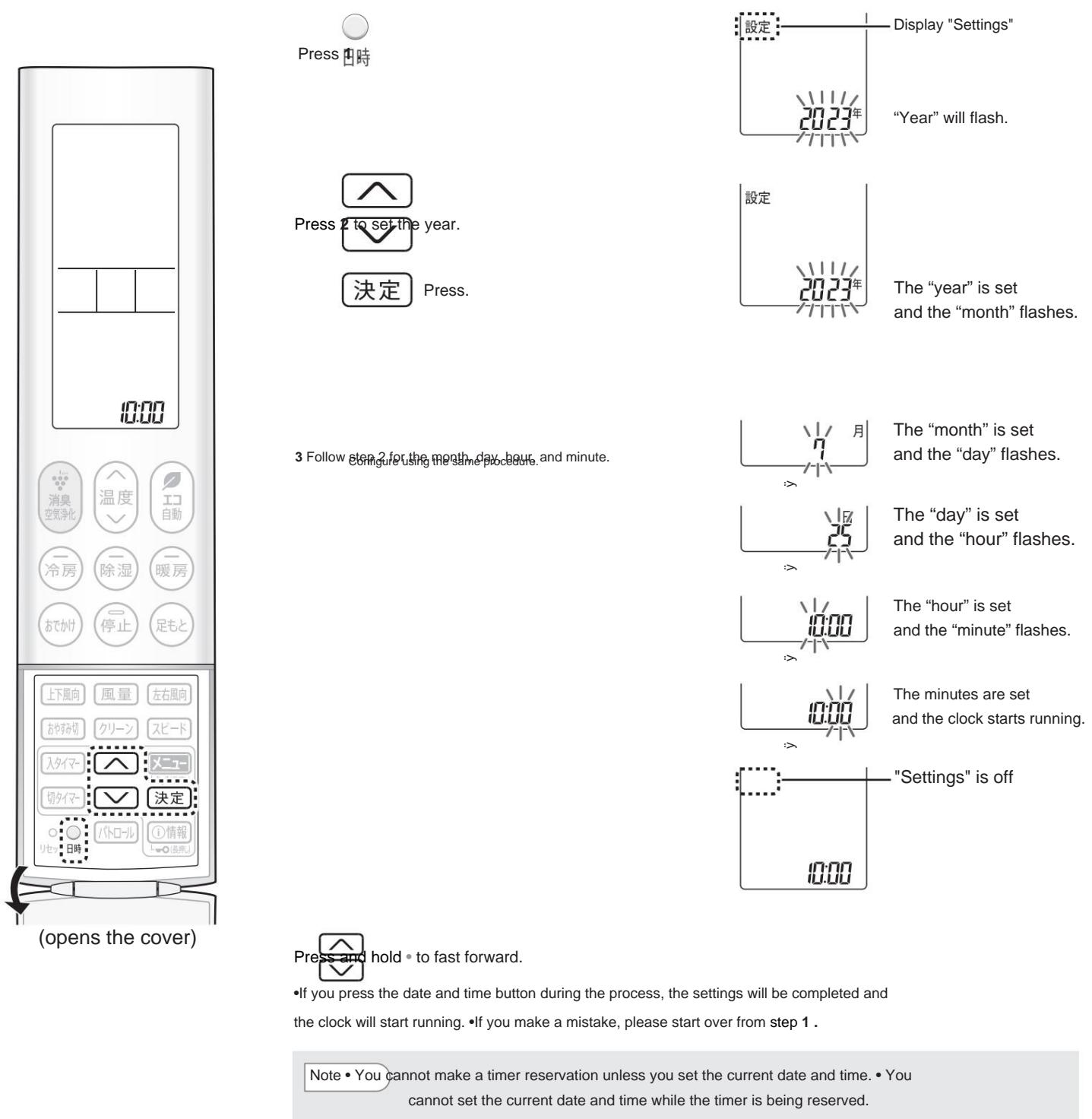
# Remote control settings

## Set the current date and time

Please be sure to set the current date and time in order for Eco Auto Driving, timer reservation, electricity bill display, etc. to work correctly.

[Example] When setting to 10:00 on July 25, 2023

Introduction



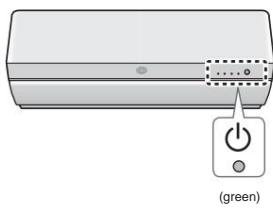
## Set the room shape and installation location

For proper ventilation adjustment, please set the settings according to your room. [pages 27, 28](#)

# Driving (basic operations)

For more information, please refer to pages 30 and 31.

driving



[Example] When in "cooling" operation



## Eco automatic that leaves it to the air conditioner

The air conditioner automatically selects the operation mode to keep the room at the appropriate temperature.



Press.



Displays the type of operation (not displayed when blowing air). Not displayed immediately after operation starts. The message will appear when you point the remote control at the air conditioner after a while.

- Can be adjusted from 2.0° lower to 2.0° higher.

If the settings do not suit your tastes even after adjusting them, try operating the air conditioner or heating mode.

## Choose your own driving type

when it's hot



Press.



When you want to remove moisture



Press.



when it's cold



Press.



## stop driving



Press.

- After stopping, it automatically cleans the filter and cleans the inside. [pages 38, 39](#)

### Caution • Do not use cosmetics containing fluororesin or silicone\* near the air conditioner.

Insulating materials such as fluororesin and silicone may adhere to the inside of the main unit, which may prevent plasma cluster ions from being generated. \*Hair

care products (split end coating liquid, hair mousse, hair treatment, etc.), cosmetics, antiperspirants, antistatic agents, waterproof sprays, Polishing agents, glass cleaners, chemical wipes, wax, etc.

**Notice •** At the time of purchase, the setting is such that plasma cluster ions are emitted during operation. Settings can be changed from the menu. [26 pages](#)

This air conditioner has a voice function. (Sound volume adjustment page 28) Voice notifications inform you of the status of the air conditioner, and provide operational assistance and advice on how to use it. •This product uses "ReadSpeaker" from ReadSpeaker SBU, MD Division, HOYA Corporation as the speech synthesis software. "ReadSpeaker" is ReadSpeaker Holding B. V. is a trademark of



(opens the cover)

**change temperature**

<Cooling/Heating>

Press.

It changes by 0.5°.

28°C

•Setting range Cooling: 18.0°~32.0° Heating: 15.0°~32.0°

<Eco automatic/dehumidification>

Press.

It changes by 0.5°.

15°C

•Adjustable range: 2.0° lower to 2.0° higher based on the temperature setting selected by the air conditioner

**Change humidity (dehumidification only)**

Press.

It changes by 5%.

55 %

•Humidity that can be set  
50%~55%~60%

**Changing the air volume and direction Pages 14 and 15**

Air volume: Press

Vertical wind direction: Press

Left/right wind direction: Press

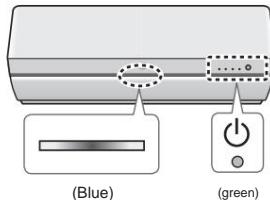
•The air volume and direction that can be set vary depending on the operation.

# plasma cluster operation

Plasmacluster ions deodorize and purify the air.

that cleans the air in your room

driving



Purify the air in your room with Plasmacluster ions.



Press and select "Plasmacluster".



Estimated electricity bill

Approximately 0.6 yen/hour (when air volume is set to "automatic")

Calculated using a standard electricity rate unit price of 31 yen/kWh (tax included)

(according to the Home Appliance Fair Trade Association)

•Changes each time you press the button.

[Example] When using  
"Plasmacluster ventilation"



Plasmacluster Powerful Shot



•Changing the air volume and direction is on pages 14 and 15 (temperature cannot be changed)

when to stop



Press.

•After stopping, it automatically cleans the filter and cleans the inside (pages 38, 39)

intensively delivers ions

Strong wind delivers Plasmacluster ions to the floor surface to eliminate unpleasant odors.



Press and select "Powerful Shot".



•Changes each time you press the button.

Plasmacluster Powerful Shot



•Changing the left and right wind direction is on page 14 (temperature, air volume, and vertical wind direction cannot be changed)

when to stop



Press.

•After stopping, it automatically cleans the filter and cleans the inside (pages 38, 39)

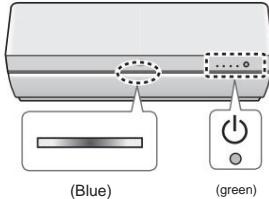
Notice • Due to strong winds, the operating noise will be louder.

## Drying laundry

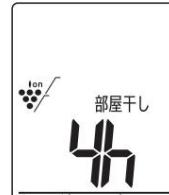
### Odors

It dries laundry and reduces unpleasant odors with Plasmacluster ions.

driving



Press and select "Room Drying".



•Changes each time you press the button.



Press and select the driving time.



•Displays the remaining driving time in 1 hour increments.

•Choose from 2, 3, 4, 5, or 6 hours.

### when to stop



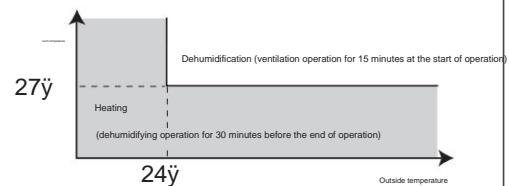
Press.

•After stopping, it automatically cleans the filter and cleans the inside. [pages 38, 39](#)



(opens the cover)

Regarding indoor drying , the air conditioner automatically selects heating or dehumidification depending on the room temperature and outside temperature at the start of operation, and operates appropriately for drying laundry.



**Caution :** Do not hang laundry over the air inlet or outlet of the air conditioner. (Cause of performance decline and failure)

**Note •** Please adjust the wind direction so that the wind hits the laundry. • We recommend using this machine when no one is in the room, as the machine prioritizes drying the laundry. • When the outside temperature is low, condensation may form on the windows. • It cannot be stopped using the sleep cut-off timer or cut-off timer.

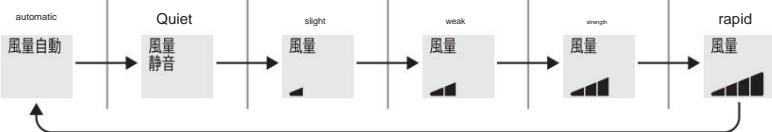
# Change air volume/direction



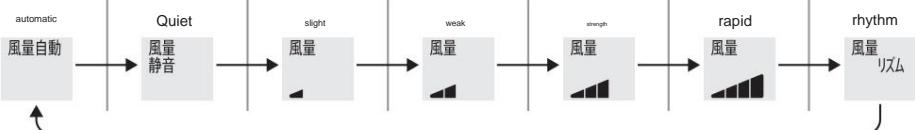
Air flow

**風量** Press to select.

## Eco automatic/cooling/heating



## plasma cluster air blower



•The air volume cannot be changed when using dehumidification, powerful shot, or room drying.

automatic cooling heating  
It stays strong until the room reaches the set temperature, and then becomes weaker.

plasma cluster air blower  
The air volume will be set to "weak".

Quiet Operates quietly by reducing air volume.

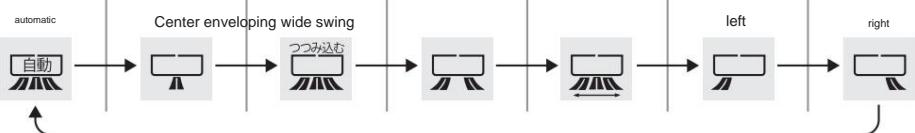
Rapid The machine operates at maximum airflow, making the operating noise louder.

It changes the air volume with a rhythm of a weak air volume, making the air feel softer on your body .

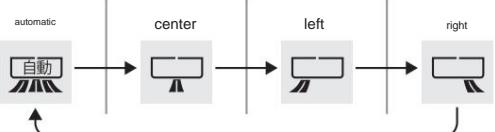
Left and right wind direction

**左右風向** Press to select.

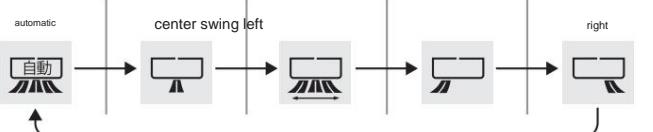
## Eco automatic / cooling / dehumidification / heating / plasma cluster ventilation



## powerful shot



## room drying



automatic Cooling, heating, plasma cluster ventilation

The wind direction will depend on the room shape and installation location.

Dehumidification/Powerful Shot/Room drying

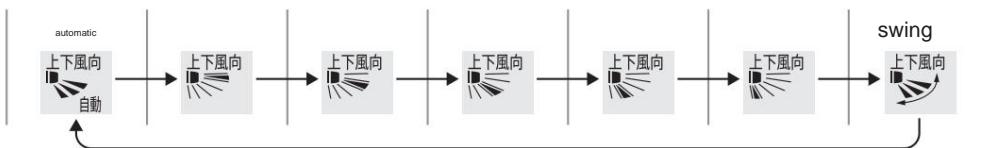
This will direct the wind towards the center of the room.

It sends air that envelops the room from the left and right.

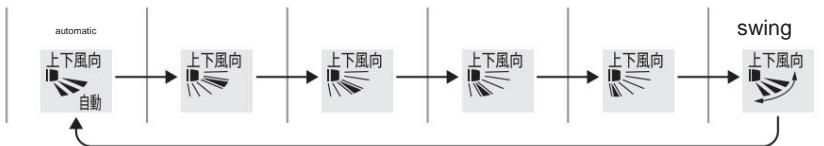
Vertical wind direction

**上下風向** Press to select.

## Eco automatic / cooling / dehumidification / heating / plasma cluster ventilation

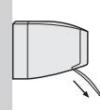


## room drying



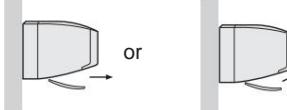
• During a powerful shot, you cannot change the vertical wind direction.

At the  
start of cooling operation



Blows out diagonally downward. (up to 20 minutes)

When the room approaches the set temperature



Air is blown horizontally or diagonally upward toward the ceiling to prevent cold air from hitting your body directly.

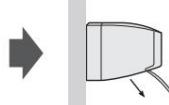
If the room temperature is close to the set temperature, the air may blow horizontally or diagonally upwards immediately after starting operation.

automatic

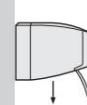
Heating When the temperature of the blowing air is low When the wind warms When the room warms



Blows out diagonally backward.

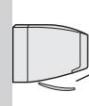


Blows out diagonally downward.



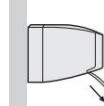
Air blows downward and towards the floor, warming your feet.

Dehumidification/Plasmacluster ventilation



Blows out diagonally upward.

room drying



Blows out diagonally downward.

Swing The airflow panel is diagonally downward, and the power concentration guide swings.

## Note

In adjusting the wind direction, be sure to use the remote control. Adjusting by hand may cause malfunctions, abnormal noises, or breakdowns.

- If you operate the air conditioner or dehumidify for a long time with the vertical air direction facing downward, dew will form near the air outlet and water droplets will fall. You may.

Note : Even if the installation position is set to "left" or "right" and the left/right wind direction is set to "center", the left/right smooth guide page 6 will not work.

It will not be in a straight direction. 28 pages

- Depending on the indoor environment and installation conditions, condensation may form near the ceiling during cooling. At that time, there was a wind on the ceiling. Please adjust the wind direction so that it does not hit you. •

When cooling or dehumidifying, in order to prevent dew from forming near the air outlet and water droplets falling, in a humid environment, The wind direction may change automatically.

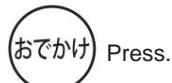
- When living area detection is set to "On" and air volume, vertical wind direction, and left/right wind direction are set to "Auto" for Eco Auto (cooling/heating), cooling/heating, airflow will be controlled according to the area where people are present. Masu. 27 pages

# Outing driving where you go out while driv

Recommended when you go out for a while.

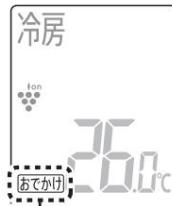


During eco automatic/cooling/heating/plasma cluster ventilation operation



Press.

- The lamp on the main unit will become dark. (The plasma cluster lamp will turn off)

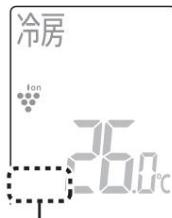


Display "Outing"

When returning to original operation



Press.



"Outing" is turned off

## About outing driving • When in Eco

automatic, cooling, or heating mode Auto save

(default setting) Changes can be made on page 26 If it is determined that no one is present for more than 10 minutes, the set temperature will be lowered. When a person is detected, the temperature returns to the original temperature setting. •Eco automatic: Loosen the set temperature by up to 2°. •Cooling: Gradually raises the set temperature, up to a maximum of "set temperature + 5°". (The upper limit of the set temperature is 30°) •Heating: The set temperature will be gradually lowered to a maximum of "set temperature -5°". (The lower limit of set temperature is 15°)

## Auto-off If it

determines that no one is present for more than 10 minutes, it will lower the set temperature and stop operating after another hour has passed. When it detects a person, it will resume driving. (The remote control continues to display that it is running.) - When the machine is stopped, it will automatically clean the filter and clean the inside. •If Plasmacluster Patrol (Room Plus Mode) is set, please do not drive. The plasma cluster air blower operates without stopping.

- Timer operation has priority over auto-off.

## •When operating plasma cluster air blower

Plasmacluster ions are emitted diagonally downward with strong wind. Before use, please check that there are no objects in the room that could fly. The airflow will decrease after 8 hours. - Air volume and direction cannot be changed.

(To effectively spread Plasmacluster ions into the room)

**Caution :** Do not go out and drive if there are people who do not move around (such as infants or sick people). If there is little movement, the sensor may determine that no one is present. 32 pages

**Notice • Outing driving, foot driving, and speed driving cannot be used at the same time.**

When you press a button, the operation changes to that of the button you pressed.

# that prioritizes the temperature of the feet

It preferentially controls the temperature near your feet.

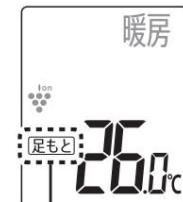
During eco automatic/cooling/heating operation



Press.

- The display of the set temperature in the room changes to the display of the set temperature at your feet. • When cooling: Cooling set temperature + 1°C • When heating: Setting heating temperature + 3°C • Eco automatic: Not displayed.

[Example] When heating operation is 23°C



Display "underfoot"

When returning to original operation

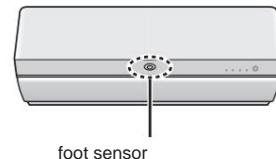
Press.

- Returns to displaying the room temperature setting.



The light under your feet is turned off.

Regarding foot operation, the foot sensor detects the temperature of the floor surface and sets the temperature near the foot. (About the foot sensor on page 32)



• When operating the air

conditioner: To prevent your feet from getting too cold, the air conditioner will operate so that the temperature at your feet is 1°C higher than the room temperature setting.

• Foot temperature that can be set  
Cooling: 19.0°C~33.0°C  
Heating: 18.0°C~35.0°C

• When operating the

heating mode, the unit operates so that the temperature at your feet is 3°C higher than the set temperature in the room so that your feet are warm.

Cooling: 18.0°C~32.0°C  
(Cooling during underfoot mode operation)  
Heating: 15.0°C~32.0°C

Notice • Outing driving, foot driving, and speed driving cannot be used at the same time.

When you press a button, the operation changes to that of the button you pressed.

- The set temperature displayed is the floor temperature near the center of the room.

The temperature may not reach the set temperature in corners of the room or along walls.

- Foot driving is memorized for each type of driving. • The wind direction cannot be changed. The foot sensor detects the floor temperature of the room and automatically adjusts the temperature under your feet.

Adjusts the preferred wind direction. It does not follow people's movements.

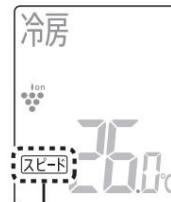
# cools and warms the room

With strong airflow, it quickly cools or warms the room. When the temperature in the room reaches the set temperature, the operation will be reduced.



During cooling/heating operation

**スピード** Press.



Display "Speed"

When returning to original operation

**スピード** Press.



"Speed" is off

Note • Cannot be set when Eco is automatic. • Outing

driving, foot driving, and speed driving cannot be used at the same time. When you press a button, the

operation changes to that of the button you pressed. • The operation will

not become stronger even if you operate it after the room reaches the set temperature.

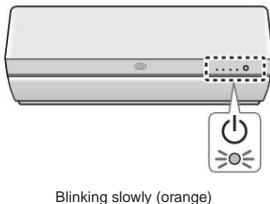
• Air volume cannot be changed.

The machine prioritizes bringing the room to the set temperature quickly and operates at maximum capacity, making the machine louder. • This is a one-time setting. Settings are required each time.

# releases warm air when heating starts

Once you set the time you want to start heating, preheating will automatically start up to one hour before the set time. When the heating operation is started at the set time, warm air will immediately come out.

Preheating



Blinking slowly (orange)

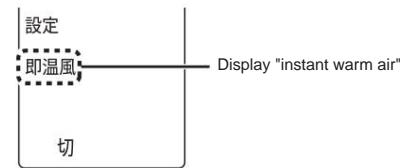
[Example] Set to 8:00



## Set the time you want to start heating

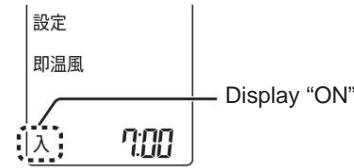
Before setting, please make sure that the current time on the remote control is correct. [9 pages](#)

1 Until "Immediate warm air" is displayed Press.



Press 2 and select "On"

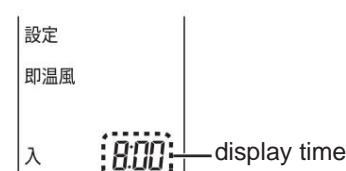
Press.



Press 3 to set the time.

•The time changes in 10 minute increments.

Press and hold to fast forward.



Point at the air conditioner  
Four and press .

•You will hear a beep and the setting is complete.

## Start heating operation

Using the set time as a guide

or Press.

• Warm air comes out immediately. •If the heating operation is not performed, approximately 1 hour after the set time Preheating operation will stop automatically.

**Notice** • During preheating, the airflow panel may open downward and warm air may come out. •

During preheating, approximately 420W of power is consumed per hour.

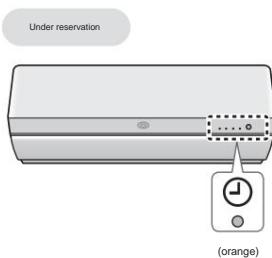
If you will not be using the unit for a long period of time, please cancel the settings from the menu. [27 pages](#)

- Do not preheat when the room temperature is 18°C or higher or the outside temperature is 10°C or higher. • Even if you start operation during preheating, if preheating is not sufficient, hot air may not come out immediately.

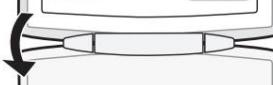
# Using a timer

Make sure the current time is correct before making a timer reservation.  
please confirm. 9 pages

## to start/stop at scheduled time



[Example] Enter timer once at 7:30



(opens the cover)

On timer: Starts operation to reach the room temperature set at the scheduled time. Off timer: Operation will stop at the scheduled time.

**1** **入タイマ-** or **切タイマ-** Press.

Press **2** and select "Once" or  
**3** Select "Every day"

**決定** Press.

[Example] On timer



Press **4** and set the reservation time.



\*Changes in 10 minute increments. \*Press and hold to fast forward. \*You can change the operation type, temperature setting, etc.

**5** Press **決定** towards air conditioner



\*You will hear a beep and your reservation will be completed.

When canceling a reservation

**入タイマ-** or press **切タイマ-**

The timer lamp (orange) on the main unit will turn off.

When changing the reservation time

**入タイマ-** Press or **切タイマ-**

Press **切タイマ-** to cancel the reservation and set the timer reservation again.

Note • If you want to check the current time while making a reservation, open the remote control cover and Press the date and time button. (Displayed for 5 seconds)

• If there is a power outage, the timer reservation will be canceled.

Please make a reservation again after power is turned on. (The display on the remote controller remains as it was before the power outage.) • The on-timer normally starts operating at least one hour before the scheduled time so that the set temperature is

reached at the scheduled time. However, when the outside temperature is low, it may be an hour or more earlier. • After making a reservation for the on-timer, if you drive in a different manner than when the reservation was set, the timer

The details of the reserved driving will also change.

- Automatically filters after stopping with the sleep cut-off timer or cut-off timer Start cleaning and cleaning the inside. (When "Automatic filter cleaning" and "Automatic internal cleaning" are set to "On". However, if the machine stops between 12:00 AM and 6:00 AM, the filter will not be cleaned.)

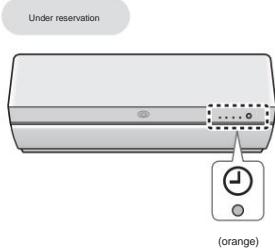
- You cannot reserve a timer for room drying. Priority is given to operating time for room drying. will be done.

- You cannot schedule timers for manual filter cleaning or manual internal cleaning. •

During the sleep cut-off timer, settings for going out, footing, and speed driving cannot be changed. you can't. Also,

even if residential area detection is set to "on", the air volume and direction will not be automatically adjusted according to the area where people are present.

that operates in a manner suitable for sleep and stops after the scheduled time.



while driving

**おやすみ切** Press to select the time until stop.



• Displays the remaining time until stopping.

• Changes each time you press the button.

→ 05 → 1 → 2 → 3 → 4 → 5 → 6 → 7 → 8 → cancel

• The lamp on the main unit will become dark. (The plasma cluster lamp will turn off)



When canceling a reservation

**おやすみ切** Press.

• The timer lamp (orange) on the main unit will turn off.

When changing reservation time

**おやすみ切** Press to cancel the reservation.

Set the sleep timer again.

About the sleep cut-off timer • Gradually changes the

temperature at the time of setting to prevent it from getting too cold or too warm. (Excluding when dehumidifying) When cooling, the temperature will be increased by 2 $\circ$ C after 3 hours. When heating, the temperature will be lowered by 2 $\circ$ C from the start of the reservation, and after 3 hours it will return to the set temperature.

• If the air volume is set to "Auto", the machine will operate at a weaker air volume.

## Use in combination with a timer

### Combination of “on timer” and “off timer”

example

When you want to operate to reach the set room temperature at 18:30 and stop at 23:00 (current time 15:00)

1 time Make a reservation at 18:30.



2 Make a reservation at 23:00 using the off timer



### Combination of “good night timer” and “on timer”

example

When you want the machine to stop after 3 hours and return to the room temperature set at 7:30 (current time 20:00)

1 Use the sleep cut-off timer to make a reservation for 3 hours later.



With 2 times reservation at 7:30.



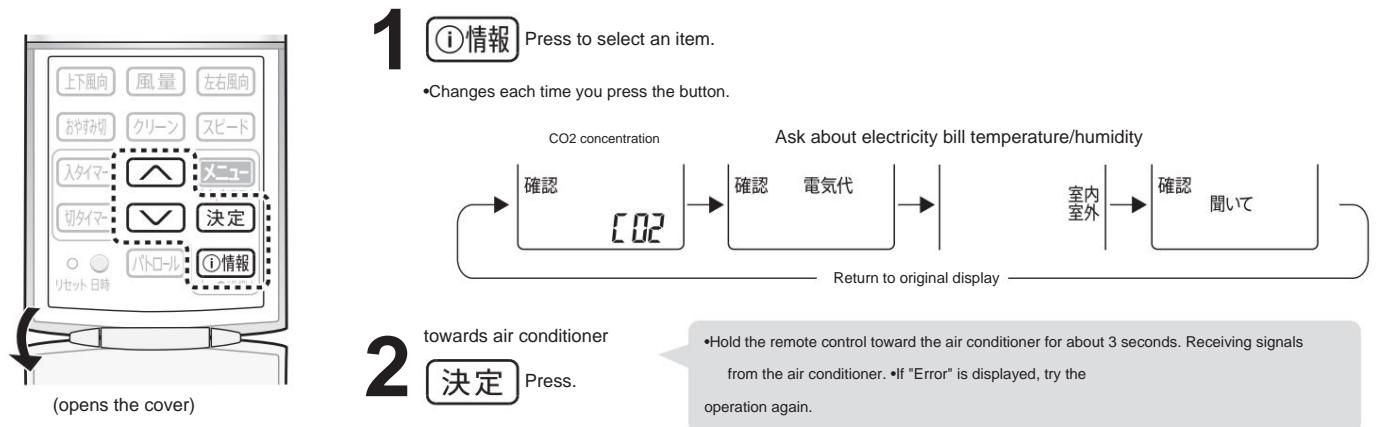
A combination of on and off is also possible.

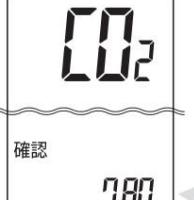
• On the remote control, the display is the order in which the timer operates. • When the on timer and off timer are combined, the earlier reserved time will be displayed on the remote control. • When you combine the on/off timer and the sleep cut-off timer, you can set the sleep cut-off timer time using the remote control. Display.

Notice • When you combine the sleep cut-off timer and the cut-off timer, the sleep cut-off timer takes priority.

# Know your electricity bill and room status

Displays CO<sub>2</sub> concentration, estimated electricity bill, temperature and humidity. You can also listen to driving conditions and tips on how to use the device via audio.



Item	remote control display						
CO2 concentration	 <p>• Displays CO2 concentration in 10ppm units for 10 seconds.</p>						
electric bill	 <ul style="list-style-type: none"> <li>today 確認 電気代 今日 45 円</li> <li>yesterday 確認 電気代 昨日 52 円</li> <li>This month 確認 電気代 今月 760 円</li> </ul> <p>• The display changes every 5 seconds.      • Switch the display with can also do.</p>						
temperature humidity	 <table border="1"> <thead> <tr> <th>Indoor temperature</th> <th>Indoor humidity</th> <th>Outdoor temperature</th> </tr> </thead> <tbody> <tr> <td>26 室内 ℃</td> <td>50 室内 %</td> <td>35 室外 ℃</td> </tr> </tbody> </table> <p>Eco automatic/cooling only during dehumidification/heating</p> <p>• The display changes every 5 seconds.      • Switch the display with can also do.</p>	Indoor temperature	Indoor humidity	Outdoor temperature	26 室内 ℃	50 室内 %	35 室外 ℃
Indoor temperature	Indoor humidity	Outdoor temperature					
26 室内 ℃	50 室内 %	35 室外 ℃					
listen	You will receive voice notifications about driving conditions and tips on how to use the device.						

## About the electricity bill display

- At the time of purchase, the electricity bill is set to be calculated at a unit price of 31 yen/kWh.

Electricity rates vary depending on the contract details, so we recommend that you set the settings for each household in order to display an electricity bill that best suits your needs. [page 29](#)
  - The electricity bill for "today" and "yesterday" will display the accumulated details from midnight.

For this month's electricity bill, the accumulated details from the 1st will be displayed. (Even if the air conditioner is running, when midnight strikes and the day or month passes, the electricity bill for "today" and "this month" will be totaled from 0.) - When there is a power outage or the power plug is unplugged, The accumulated electricity bill will be zero, and from the moment the power is restored. Start counting again.

- If you change the date and time settings or electricity rate settings midway through, the electricity bill may not be displayed correctly. The electricity bill will not be displayed unless the date and time are set.

#### About temperature/humidity display

Display range: Indoor temperature 0°C to 40°C Indoor humidity 25% to 75% Outdoor temperature -9°C to 40°C

If the temperature exceeds the display range, "H" (high temperature/high humidity) or "L" (low temperature/low humidity) will be displayed.

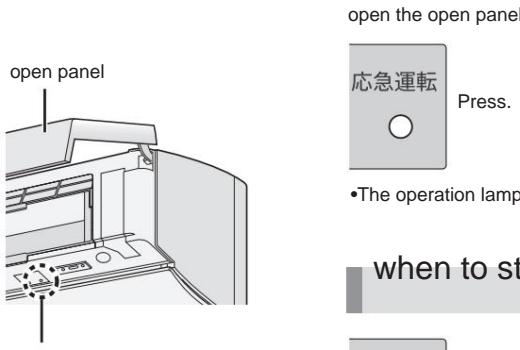
- Since the temperature and humidity around the indoor unit and outdoor unit are detected and displayed, it may differ from the actual temperature and humidity.

# In times like this

## When the remote control doesn't work

To purchase a remote control, see page 63.

Emergency operation can be performed using the main unit. The type of operation and set temperature are automatically selected depending on the room temperature and outside temperature.



open the open panel



•The operation lamp (green) on the main unit lights up.

### when to stop



Notice • While

driving, press the emergency operation button for more than 5 seconds

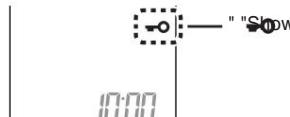
Press and hold to enter forced cooling operation (used when relocating or disposing of an air conditioner), and the operation lamp will flash. In this case, briefly press the emergency operation button to stop.

## Child Lock

Prevents children from accidentally operating the remote control. You will not be able to perform any operations other than releasing the child lock.



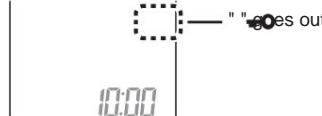
Press and hold for about 3 seconds.



### When canceling



Press and hold for about 3 seconds.



## When using two air conditioners in one room

If two of our air conditioners are installed in the same room, you can use one remote control to switch the signal settings so that they do not operate.

### 1 while stopped

Open the remote control cover and press the reset button.



Remote control display

Within 30 seconds, bring it close to the transmitter/receiver section of the main unit.

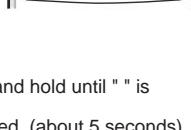
### Four



•Please be careful that the other air conditioner does not receive the signal.

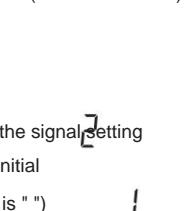
### 2

Press and hold until " " is displayed. (about 5 seconds)



### 3

Switch the signal setting to " ". (Initial setting is " ")



### 5 Set the current date and time. (9 pages)

notice

- When replacing the batteries of the remote control or resetting the When you press the button, it returns to the initial settings. Please set again.

# Changing the default settings 1

You can change the settings to suit your room environment and preferences.



**1** Press to select a menu item.

- Each time you press the button, the menu items change in order and the settings are displayed.

**2** Press and select the settings.

- The settings change each time you press the button.

**3** towards air conditioner

Press.

- You will hear a beep and the setting is complete.

- If no button is pressed for approximately 30 seconds, the display will return to the original display.

When canceling an operation

Press.

(opens the cover)

Note : Even when you replace the remote control battery, press the reset button, or unplug the power plug,  
The air conditioner itself remembers the following settings.

- Room plus start time •Outdoor unit power •Outing •Room shape
- Living area detection •Installation position •Speed defrosting

- Upward wind direction  
adjustment •Downward wind  
direction adjustment •Voice

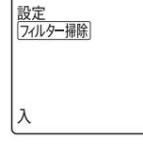
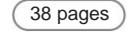
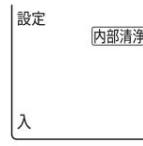
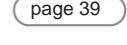
- Body lamp
- CO2 notification
- Electricity unit price
- Wireless LAN

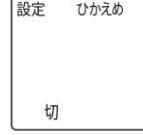
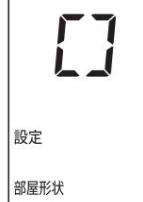
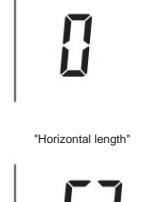
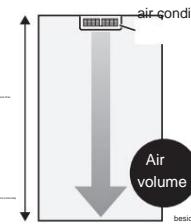
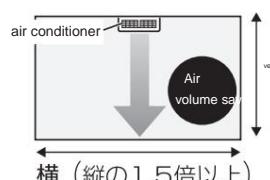
menu item	Feature Description	page
<b>filter cleaning</b>	Select "On" or "Off" for the setting to automatically start filter cleaning after stopping operation. can.	26
internal cleanliness	You can select ``On" or ``Off" to automatically start internal cleaning after stopping operation. 26	
<b>Room plus start time</b>	When setting the room plus mode of plasma cluster patrol operation, You can select the amount of time it takes to start driving after detecting the absence of a person.	26
<b>plasma cluster</b>	Plasmacluster operation in conjunction with Eco Auto, cooling, dehumidification, and heating operation You can select "On" or "Off" for the setting.	26
<b>go out</b>	You can select settings for outing driving.	26
<b>Living area detection</b>	Turn on or off the setting that automatically adjusts the air volume and direction depending on the area where people are. You can choose.	27
Instant hot air	Preheat the unit so that warm air comes out immediately when heating starts.	27
<b>speed defrost</b>	Select ``On" or ``Off" settings to shorten the defrosting operation time and suppress the drop in room temperature. can.	27
Low electricity consumption	Maximum operating current is reduced to approximately 50% during Eco Auto, cooling, dehumidification, heating, and room drying. You can select "On" or "Off" for the suppression setting.	27
<b>outdoor unit power</b>	If you are concerned about the operating noise of the outdoor unit, you can select operation with lower power. 27	
<b>room shape</b>	You can choose the shape of your room. Automatically adjusts the air volume according to the shape of the room.	27
Installation position	You can choose the installation position of the air conditioner. Automatically adjusts the ventilation range to send air to the center of the room.	28
Upward wind direction adjustment	You can change the direction of the air in the diagonal direction during cooling.	28
Downward wind direction adjustment	You can change the direction of the "down" wind during heating.	28
<b>audio</b>	You can adjust the audio volume.	28
<b>body lamp</b>	You can adjust the brightness of the air conditioner lamp.	29
<b>CO2 notification (operation stopped)</b>	You can set the CO2 concentration to be notified by CO2 lamp and voice when the operation is stopped. You can select "On" or "Off".	29
<b>Electricity unit price</b>	The electricity bill unit price, which is the standard for calculating electricity bills, should be closer to the details of your home contract. Can be set.	29
<b>Wireless LAN</b>	Use this to reuse a wireless LAN function that has been stopped.	29
<b>contrast</b>	You can adjust the shade of the remote control display.	29

# Changing the default settings 2

1  Press,  
Select a menu item.

Press  and select the settings. 3 For air conditioners  
 Press to complete the settings.

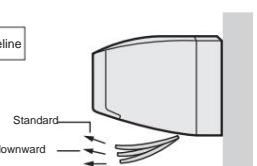
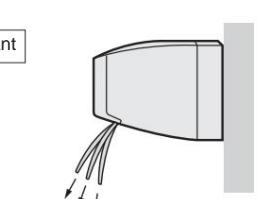
menu item	Setting details (*Default settings)		
<b>filter cleaning</b>	"Enter" *  入	"cut"  切	After stopping the operation, filter cleaning will start automatically. 
<b>internal cleanliness</b>	"Enter" *  入	"cut"  切	After stopping the operation, internal cleaning will automatically start. 
<b>room plus</b> <b>Start time</b>	"half an hour"**  設定		Plasmacluster Patrol Room Plus Mode The time from detecting the absence of a person to starting driving You can choose between.  * You can choose from 15 minutes, 30 minutes, 45 minutes, 60 minutes, or 90 minutes.
<b>plasma cluster</b>	"Enter" *  入	"cut"  切	Plasma cluster during eco automatic, cooling, dehumidifying, and heating operation releases ions.
<b>go out</b>	"Auto save" * "Auto off" You can select settings for outing driving.   設定	 設定	<p>"Auto save"</p> <p>If it is determined that no one is present for more than 10 minutes, the temperature setting will be adjusted.</p> <p>Be modest.</p> <p>When a person is detected, the temperature returns to the original temperature setting.</p> <p>"Auto off"</p> <p>If it is determined that no one is present for more than 10 minutes, the temperature setting will be adjusted.</p> <p>Be conservative and avoid driving after another hour.</p> <p>Pause.</p> <p>When it detects a person, it will resume driving.</p>

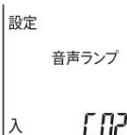
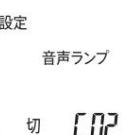
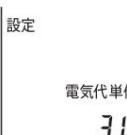
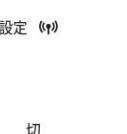
menu item	Setting details (*Default settings)		
<b>Living area detection</b>	<p>"Enter"      "Cut" *</p>   設定      設定 入      切	<p>During Eco Auto (cooling/heating), cooling/heating mode, the foot sensor detects areas where people are present and automatically adjusts the air volume and direction according to the area. (When air volume/direction is set to "Auto") * It will not be detected when going out, under foot, or driving at high speed.</p> <ul style="list-style-type: none"> <li>If set to "On", it will be used as a remote control during detection. <b>エリア</b> is displayed</li> </ul> <p>When heating, the air is sent to the feet of people's feet.</p> <p>When cooling, air is sent towards the ceiling of the area where people are.</p>	
<b>Instant hot air</b>	<p>"Enter"      "Off" * If you turn on the heating during the reserved time, it will start preheating operation so that warm air comes out immediately. If set to "On", page 19</p>   設定      設定 即温風      即温風 入      切		
<b>speed defrost</b>	<p>"Enter" *      "cut"</p>   設定      設定 除霜      除霜	<p>Short-time defrosting operation prevents room temperature from dropping.</p> <ul style="list-style-type: none"> <li>If set to "On", a sound (bush) will be heard when switching between heating and defrosting operation. If you are concerned about the sound, please set it to "Off". * If set to "Off", the defrosting operation will take longer and the room temperature will decrease.</li> </ul> <p>It may become large.</p>	
<b>Low electricity consumption</b>	<p>"Enter"      "Cut" *</p>   設定      設定 ひかえめ      ひかえめ 入      切	<p>Operates with maximum operating current reduced to approximately 50%.</p> <p>Set this when the breaker capacity is insufficient or when you want to save power. * If you set it to "On", the capacity will be limited, so it may be difficult to cool down (warm up).</p> <ul style="list-style-type: none"> <li>Depending on the conditions, there may be no difference in power consumption compared to normal operation.</li> <li>When set to "On", "Low" will be displayed on the remote control while driving.</li> </ul>	
<b>outdoor unit power</b>	<p>"standard" *      "Low"</p>   設定      設定	<p>If you are concerned about the operating noise of the outdoor unit, lower the power. * If you set it to "low", the capacity will be limited and it may take some time to reach the set temperature.</p> <ul style="list-style-type: none"> <li>If the room temperature is close to the set temperature, the operating noise may not decrease even if you set it to "low".</li> </ul>	
<b>room shape</b>	<p>"Square" * "Vertical" You can select the shape of your room.</p>   設定      設定 部屋形状      部屋形状	<p>* Automatically adjusts air volume according to the shape of the room.</p> <p>"Vertical length" When the vertical length is 1.5 times or more than the horizontal length.</p> <p>"Horizontal length" When the horizontal length is 1.5 times or more than the vertical length.</p> <p>"Square" In cases other than the above.</p>  	

# Changing the default settings

**3x4** Press,  
Select a menu item.

 Press 2 and select the settings. 3 For air conditioners  
決定 Press to complete the settings.

menu item	Setting details (*Default settings)		
Installation position	"Central" * 設定	"left" 据付位置	You can choose the installation position of the air conditioner. • In accordance with the installation position of the air conditioner, place the air conditioner in the center of the room.  Automatically adjusts to blow air. "Central"  When the distance between the edge of the air conditioner and the wall exceeds 50 cm.  "left"  When the distance between the left edge of the air conditioner and the left wall is within 50 cm.  cm.  "Right" When the distance between the right edge of the air conditioner and the right wall is within 50 cm.  [Example] Installation position "left"  Within 50cm
Upward wind direction adjustment	"Standard" * "Slightly downward" 上 風向 設定	1 2 3 "Downward"	You can change the direction of the diagonal upward airflow during cooling. In the following cases, the wind blows too high, so change it to "slightly downward" or "downward."  • When the air conditioner is within 10cm from the ceiling. • When there is an obstacle such as a lintel in front of the air conditioner. • When the ceiling is dirty.   
Downward wind direction adjustment	"Standard" * "Slightly upward" 下風向 設定	1 2 3 "Slightly downward"	You can change the downward direction of the air during heating. • Please change the wind direction to suit your room.  "Slightly upwards." * Suggestion: When you want to avoid direct wind hitting furniture, etc. under the air conditioner. "Slightly downward" When you want the wind to be directed further downward.  
audio	"3" * 音声 設定	3	You can adjust the audio volume. • You can choose from 0, 1, 2, 3, 4, or 5. • Even if you select "0", you will be notified of a warning and the details of the wireless LAN connection procedure.

menu item	Setting details (*Default settings)			
<b>body lamp</b>	<p>"standard"*</p>  <p>設定 ランプ</p> <p>"Dark"</p>  <p>設定 ランプ</p>			
	<p>You can dim the main unit lamp.</p> <p>"Dark"</p> <p>The plasma cluster lamp is turned off, and other The lamp will dim. However, in the following cases, the plasma cluster lamp Lights up or flashes dimly.</p> <ul style="list-style-type: none"> <li>• Filter cleaning, internal cleaning in progress</li> <li>• 60 pages of notices such as maintenance period etc.</li> </ul>			
<b>CO2 notification (operation stopped)</b>	<p>"Enter"</p>  <p>設定 音声ランプ</p> <p>入 CO2</p> <p>"Cut" *</p>  <p>設定 音声ランプ</p> <p>切 CO2</p>			
	<p>When set to "On", the CO2 lamp and voice will be activated even when the operation is stopped. We will notify you of the CO2 concentration.</p>			
<b>Electricity unit price</b>	<p>"31 yen" *</p>  <p>設定 電気代単価</p> <p>31円</p>			
	<p>The electricity bill unit price, which is the basis for calculating electricity bills, is determined by the details of your household contract. You can set it to be close to . • Can be set in the range of 1 yen to 99 yen.</p>			
<b>Wireless LAN</b>	<p>"Enter"</p>  <p>設定 (ワイヤレス)</p> <p>入</p> <p>"Cut" *</p>  <p>設定 (ワイヤレス)</p> <p>切</p>			
	<p>When set to "On", you can use the stopped wireless LAN function again. You can.</p> <ul style="list-style-type: none"> <li>• When stopping the wireless LAN function,  Press and hold for 3 seconds please do so.</li> <li>• Even when the wireless LAN function is turned on, the remote control display is set to "off". Check the connection status with the connection lamp (green) on the main unit.</li> </ul>			
<b>contrast</b>	<p>"standard"*</p>  <p>設定 ŷ</p> <p>"Thin"</p>  <p>1</p> <p>"Dark"</p>  <p>3</p>			
	<p>You can adjust the shade of the remote control display.</p>			

How to use

# When you want to know more 1

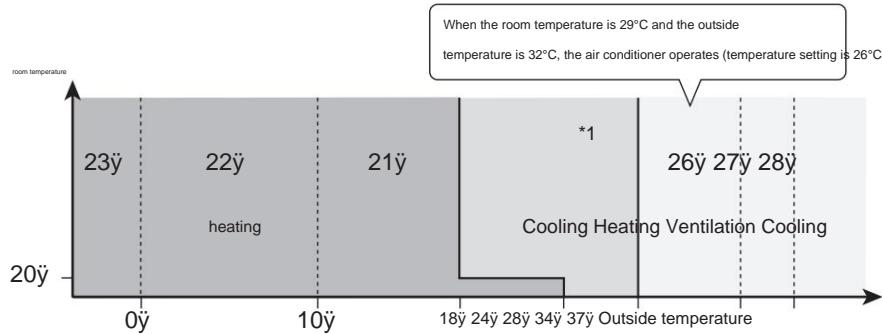
Detailed explanation of each operation.

## eco automatic

The air conditioner automatically selects the operation mode to keep the room at the appropriate temperature.

The air conditioner automatically selects the type of operation and temperature setting based on the room temperature, outside temperature, and season at the start of operation.

\*The season is determined by the date and time information on the remote control and the outside temperature, so be sure to set the date and time correctly on the remote control. 9 pages



\*1 The type of operation and temperature setting will depend on the season.

- Early spring: Set the heating temperature 1°C lower.
- Early autumn: Set the air conditioner temperature 1°C higher.
- Summer/rainy season: When the humidity in the room is high, the system switches from cooling to dehumidifying.

Drive smartly and save energy while driving\* 2

### operating efficiency

Prioritize driving efficiency. The power at the start of operation is slightly lower than during normal cooling/heating.

### humidity

The set temperature is automatically adjusted, taking into account that the perceived temperature varies depending on the humidity. When cooling: If the indoor humidity decreases, the set temperature will be increased. When heating: If the indoor humidity increases, the set temperature will be lowered.

### sunlight

The light sensor detects changes in sunlight and automatically adjusts the set temperature. When cooling: If the sunlight entering the room becomes weak, the temperature setting will be raised. When heating: If the sunlight entering the room becomes strong, the set temperature will be lowered.

### floor temperature

A foot sensor detects the floor temperature and prevents it from getting too cold or too warm. When the floor temperature approaches the set temperature, the machine will operate with reduced power.

### presence or absence of people

A foot sensor detects the presence or absence of a person. If the system determines that no one is present for more than 10 minutes, the system will reduce operation.

\*2 Accumulated power consumption of AY-R40X2 (4.0kW type) when operating for 1 hour in our test room (14 tatami mats) at an outside temperature of 35°C and no sunlight: 586Wh when running Eco automatic (cooling), cooling When operating at 26°C setting: 921Wh Cumulative energy consumption when operating for 1 hour indoors with sunlight at an outside temperature of 2°C: Eco automatic (heating) operation: 1,753Wh, when heating is set at 23°C and operating: 2,195Wh

## cooling

•No wind will come out for about 1 minute after the start of operation.

(To prepare for blowing out cold air and to relieve room odors that come out from the air conditioner inside the air conditioner.) •When the set temperature is reached, the air volume (when set to "Auto") is adjusted to suppress the rise in humidity. •If the room temperature falls below the set temperature, only air may be turned on.

## Dehumidification

•The room temperature will drop slightly as the humidity is lowered by dehumidifying the air conditioner with a weak air conditioner. •The air conditioner automatically selects the operating temperature based on the room temperature and outside temperature at the start of operation. (If the room temperature or outside temperature is high, the room temperature is lowered and dehumidified; if it is low, the room temperature is dehumidified without lowering it too much. ) It may stop. •Even in situations where humidity is difficult to reduce, such as when the room temperature is low, the dehumidification effect is enhanced by temporarily freezing the inside of the air conditioner.

## heating

•When starting operation, there may be no air flow for a while as preparations are being made to blow out hot air. •Because it absorbs heat from the outside air and brings it into the room for heating (heat pump method), it will warm up when the outside temperature drops.

It becomes difficult. In that case, we recommend using it in conjunction with other heating equipment.

•When the outdoor unit is stopped and the outdoor temperature is low, the outdoor unit may be energized to shorten the time it takes for warm air to come out. •About defrosting operation

- When the outside temperature is low, frost forms on the outdoor unit, reducing heating capacity.

In this case, heating operation will be automatically stopped and defrosting operation will be performed for approximately 5 to 10 minutes.

When the defrosting operation is finished, warm air will be emitted approximately 1 to 5 minutes

later. • Raise the room temperature in advance to prevent the room temperature from dropping during defrosting operation. (Prewarm) • If there is a difference between the set temperature and the room temperature, shorten the defrost operation time to prevent the room temperature from falling.

Masu. (Speed Defrost) A "buzzing"

sound may be heard when switching between heating and defrosting operation. If the noise bothers you, please set "Speed Defrost" to "Off" from the menu. 27 pages

Defrosting operation in progress



Blinking slowly (green)

## Operating conditions

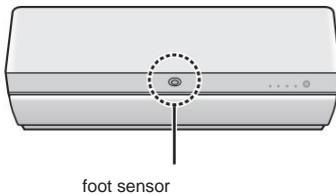
Cooling operation	Outside temperature: Approximately 21°C or more, Approx. 50°C or less Room temperature: Approximately 21°C or more
Dehumidification operation	Outside temperature approximately 16°C or higher Room temperature approximately 18°C or higher
Heating operation	Outside temperature: approx. 24°C or less Room temperature: approx. 28°C or less

•If you operate the machine under conditions other than those listed above, the protective device may activate and you may not be able to operate the machine. •When the humidity is over 80%, dew may form on the air outlet and water droplets may fall if you operate the air conditioner or dehumidify for a long time.

# When you want to know more 2

## foot sensor

Detects the floor temperature in the room and the presence or absence of people.



foot sensor

ŷEco During automatic operation, page 30

detects the floor temperature and prevents it from getting too cold or too warm. If it determines that no one is present, it will reduce its driving speed.

ŷ Page 17 when driving under foot

Detects the temperature of the floor and controls the temperature near your feet.

ŷ Page 27 when residential area detection is "ON"

Detects areas where people are present and controls airflow according to the area.

ŷ Page 40 in room plus mode If it determines that

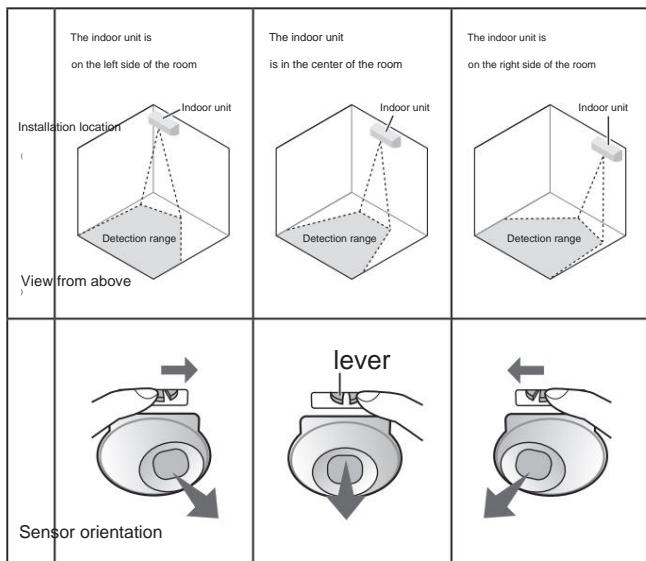
there is no one in the room, it will automatically start the plasma cluster ventilation operation.

ŷWhen driving out (Eco automatic/cooling/heating mode) Page 16

If it determines that no one is present, it will automatically lower the set temperature or stop operating.

### Indoor unit installation position and sensor orientation

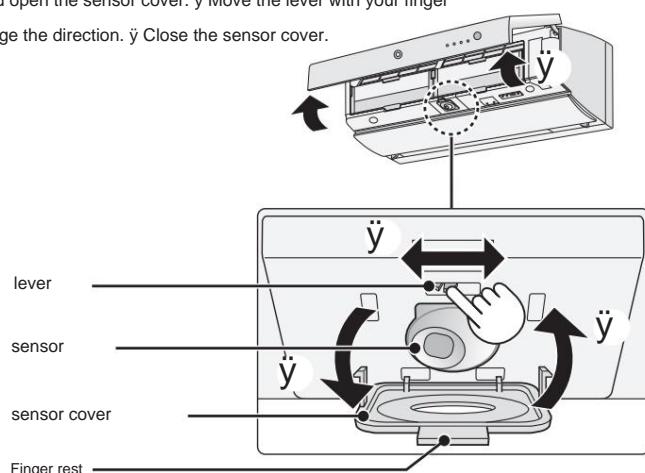
In order to detect correctly, please make sure that the sensor is oriented in accordance with the installation position of the indoor unit. (See figure below)



### How to change the orientation of the sensor

ŷ Open the open panel. ŷ Hold the finger

grip and open the sensor cover. ŷ Move the lever with your finger to change the direction. ŷ Close the sensor cover.



**Note** Be careful not to touch the sensor. If the surface of the sensor is dirty, the sensitivity will be reduced. Wipe gently with a soft cloth.

#### Detection Accuracy/Conditions

Detection accuracy of the foot sensor decreases when the foot sensor exceeds a range of approximately 6m from the air conditioner.

Also, under the following conditions, it may not be possible to correctly detect the floor temperature and the presence or absence of people.

##### •Floor

temperature : When there is an obstacle between the air conditioner and the floor, or a heat-generating object such as a hot carpet or floor heater.

##### •When the detection

detects that there is no one present. •When you stay still for a long

time or do not move much (such as when you are sleeping, or if you are unable to move due to an infant, injury, or illness). •If your skin is exposed

When the temperature is low (such as when the person is covered with a futon, wearing extremely thick clothing, or with their back to the air conditioner) When the person's movements are hidden by furniture, etc. When the

room temperature is high and there is a temperature difference from the person's body temperature When the sensor is small

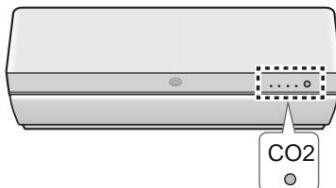
(e.g. when the room temperature is over 30°C) When the sensor

detects that there is no one present when there is no one present - When small animals such as dogs and cats are moving around - When sunlight

or warm wind enters the room When there is a high temperature item such as a heater When the indoor temperature changes significantly in a short period of time.

## CO<sub>2</sub> sensor

The CO<sub>2</sub> sensor measures the CO<sub>2</sub> (carbon dioxide) concentration in the room, and the color of the CO<sub>2</sub> lamp indicates the timing of ventilation.



lamp color	CO <sub>2</sub> concentration
green	Less than 1000ppm
orange	1000ppm ~ 1499ppm
red	1500ppm or more

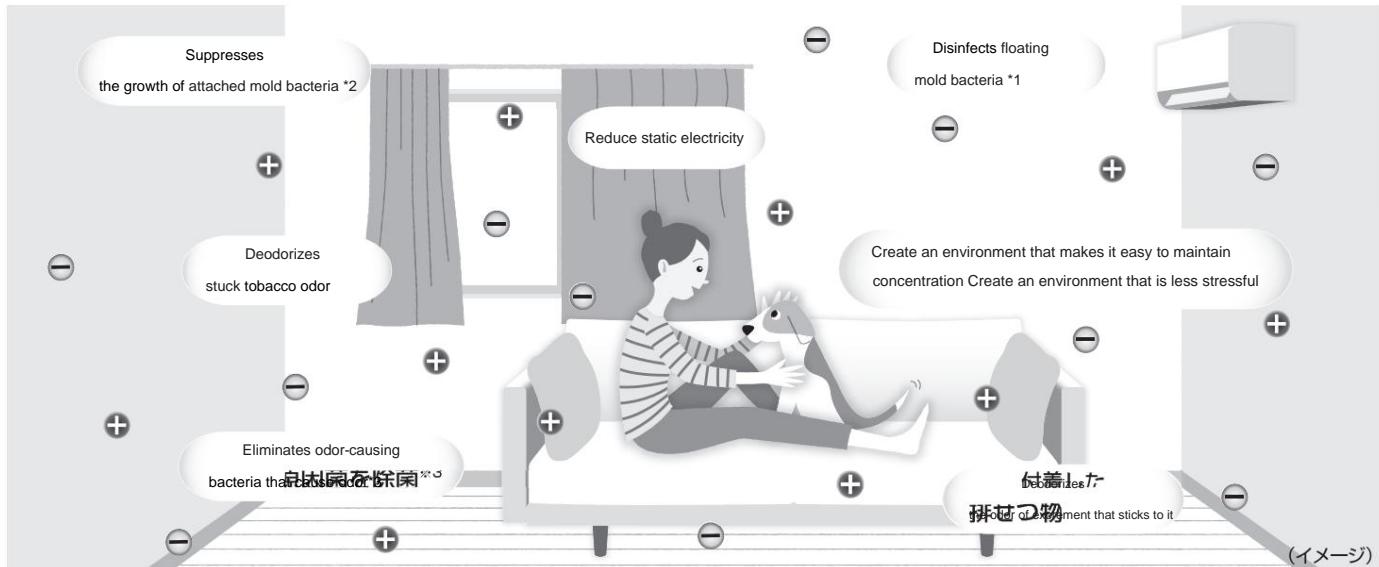
When the lamp turns orange or red, we recommend opening windows and doors to ventilate the room.

When ventilation is performed when the

air volume/direction is set to "Auto", it is determined that ventilation is in progress based on changes in the CO<sub>2</sub> concentration in the room. Even if the room temperature changes due to ventilation, the system will not have to run too hard, reducing wasted electricity costs. After ventilation, quickly return to the original room temperature. When heating, the heat starts from around the feet.

How to use

## Plasmacluster NEXT



about 9 days, and the demonstration effect is about 14 days after about 10 days about 8 days at a test site to obtain 10 days to demonstrate result in the depending on the individual effects may vary depending on the effectiveness, and individual.

Plasmacluster is the same positive and negative ions that exist in nature, and is a Sharp proprietary technology that has been confirmed to be safe even at high concentrations. This air conditioner is equipped with Plasmacluster NEXT, which has an increased ion concentration of up to 50,000 ions/cm<sup>3</sup>. By increasing the ion concentration, it exhibits high air purification power.

effect	testing agency	Test method/results
*1 Sterilizes airborne mold bacteria	Ishikawa Prefectural Preventive Medicine Association	Plasmacluster ventilation operation was carried out in a test space of approximately 33m <sup>3</sup> (equivalent to approximately 8 tatami mats). After about 84 minutes, airborne mold and bacteria are suppressed by 99%.
*2 Suppression of growth of adherent mold bacteria (Japan Food Research Institute)		Plasmacluster ventilation operation was carried out in a test space of approximately 20m <sup>3</sup> (equivalent to approximately 5 tatami mats). After 8 days, the growth of attached mold bacteria was inhibited.
*3 Eliminates odor-causing bacteria (Japan Food Research Institute)		Plasmacluster ventilation operation was carried out in a test space of approximately 20m <sup>3</sup> (equivalent to approximately 5 tatami mats). After 9 days, 99% of adhering odor-causing bacteria was suppressed.

# Operate the air conditioner with your smartphone

By connecting your smartphone and air conditioner via wireless LAN, you can operate the air conditioner and check its status using your smartphone.



## Operate the air conditioner from outside

You can start, stop, and change the air volume and direction from anywhere.

## How to use the app etc.

<https://jp.sharp/support/cloud/air.html>



## Various checks on the air conditioner

You can check the temperature of your room, the operating status of your air conditioner, and your electricity bill.

## Notice of forgetting to cut

Linked with GPS, you will receive notifications about your driving status when you leave your home a certain distance.

## What you need for wireless LAN connection

### ŷ Internet line • A contract with a

provider (Internet connection company) for a broadband line that is always connected is required. • You cannot use this service if you need to authenticate your ID every time you connect to the Internet. • We recommend an optical line. • Dial-up is not available. •

Operation is not guaranteed when using tethering with a smartphone or using a mobile router.

### ŷ Wireless LAN access point (router) Hereafter referred to as "router" • Please use a

router that supports "IEEE802.11a/b/g/n". • The encryption method supports "WPA" and "WPA2". (As of October 2022)

We recommend using "WPA2(AES)". The encryption method "WEP" is not supported as its security strength is low. • If you have set the SSID to hide (stealth setting), cancel it. • If MAC address filtering is set, cancel the setting or register the air conditioner's MAC address. The MAC address is written on the label at the bottom of the indoor unit. • Please read the instruction manual for your router in advance and check the connection method and encryption method settings.

### ŷ OS compatible with mobile terminal devices such as smartphones and

tablet devices (as of October 2022)

AndroidTM 5.0 or later / iOS (iPhone, etc.) 12 or later Please make sure that you can connect to the router and wireless LAN.

### ŷ Remote control that comes with the air

conditioner Check the location of the menu button and stop button on the remote control in advance.

#### Intellectual property rights and other software components

used in this product The software built into this product consists of multiple independent software components, each of which is copyrighted by our company or a third party. Software developed by our company and free

software Among the software components of this product, the software developed or created by our company and accompanying documents are copyrighted by our company and are protected by copyright laws, international treaties, and other related laws. It has been. This product also uses software components whose copyrights are owned by third parties and are distributed as free software.

Obligation to display the license Some software components included in this product are required by

their copyright holders to display the license. You can check the license display for such software components from the URL below or from the COCORO AIR menu screen.

[https://jp.sharp/support/cloud/adapter/license\\_a04.pdf](https://jp.sharp/support/cloud/adapter/license_a04.pdf)

• "Android" is a trademark of Google LLC. • "iPhone" is a trademark of Apple Inc. • Other company

names, organization names, and product names mentioned in this manual are trademarks or registered trademarks of each company.

## Initial setting

Preparation in advance

Membership registration for "COCORO MEMBERS"



Use the registered COCORO ID on the COCORO HOME app (registration is free)

COCORO ID:

<https://cocoromembers.jp.sharp/m1/>

### Check the router

- If there is a wireless connection button: Location and operation method of the button
- If there is no wireless connection button: Router SSID and password

## Initial settings 1 Installing the app

### 1 "COCORO HOME" install and launch the app



<https://cocoroplus.jp.sharp/home/#app>

### 2 Review the terms of use, check the box, and tap "Agree and Next"



### 3 Click "Log in" → "Enter Registration" → COCORO ID and password to log in



### 4 Click "Go to timeline screen" tap



#### notice

When the message below asking for permission is displayed, select "Allow (OK)" as it will be used for connection. (Depends on the smartphone and OS version) - Permission to use location information - Permission to use Bluetooth - Search for devices on the network

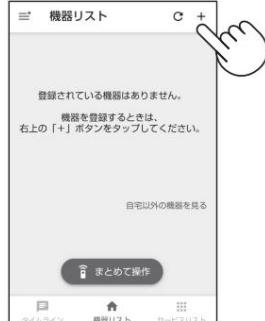
## Initial settings 2 Wireless LAN connection and air conditioner registration

Operate your smartphone near the air conditioner.

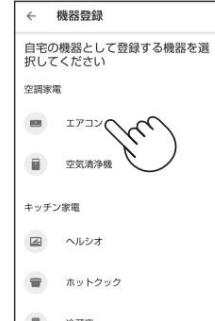
### 1 Tap "Device List" at the bottom of the screen



### 2 Tap "+" at the top right of the screen



### 3 Tap "Air conditioner" and follow the on-screen instructions

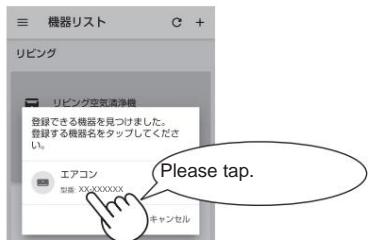


### Initial settings are complete

#### Four Tap "Next"



If the air conditioner to be registered is displayed



If a device other than the one you want is displayed, tap Cancel.

## use the app

### Tap "COCORO HOME"



### Tap "Device List" at the bottom of the screen



### Tap "Detailed operations" for the air conditioner you want to operate.



# Operate the air conditioner with your smartphone

## What I want you to know

- The contents of the app may change due to version updates. • If the communication condition is poor, you may not be able to operate your smartphone or the details of your operations may not be reflected on your smartphone.
  - If the air conditioner is unable to communicate with our server for approximately 24 hours after operation using a smartphone, the air conditioner will automatically stop. If you operate the air conditioner with the remote control that comes with the air conditioner after operating it with a smartphone, it will not stop even if communication is not possible.
  - Operations performed on the smartphone will not be reflected on the remote control display. • We recommend locking your smartphone screen to prevent incorrect operations. • Do not use in the following locations.
    - In or near hospitals or medical equipment. • Near electronic devices that handle high-precision control or weak signals (examples of electronic devices you should be careful of: hearing aids, cardiac pacemakers, fire alarms, automatic doors, etc.) (other automatic control equipment, etc.)
  - Up to 10 COCORO IDs can be registered for one air conditioner. • The app is free, but the customer is responsible for internet connection and communication costs required to download and operate the app.
- I will.

## When you want to stop the wireless LAN function

Communication with the router will be disconnected and you will no longer be able to operate your smartphone. The wireless LAN registration information in the air conditioner will remain as is. If you want to delete information, initialize the wireless LAN function.



**メニュー** Press and hold for 3 seconds.

• You will hear a beeping sound and the connect lamp (green) will turn off.

### When to use it again

**1 メニュー** Press and select (Wireless LAN).

設定 (r)

Press **2** to select "On" and

**決定** Press.

入

## When you want to initialize the wireless LAN function

The wireless LAN registration information in the air conditioner will be initialized. All information set by the customer will be erased. All information such as app timers and electricity bills will also be deleted.



**1 メニュー** Press and hold for 10 seconds.

• After 3 seconds, you will hear a "beep" or "beep" sound, but keep pressing it. After 10 seconds, you will hear a beep sound and the connect lamp (green) will flash.

**2 メニュー** Press and hold for 3 seconds.

• You will hear a beeping sound and initialization will begin.

When initialization is complete, you will hear a beep sound and the connect lamp (green) will turn off.

## Precautions when using wireless LAN/Bluetooth®

When using wireless LAN or Bluetooth®, be sure to read the following and the instruction manual for your router to use it correctly. We are not responsible for any damage sustained by the customer or third party due to incorrect use, malfunctions or other malfunctions that occur during use, or the use of this product, unless liability is recognized by law. We do not owe. ♪Precautions regarding use of radio waves

- This product is a wireless module that has received technical standards compliance certification as wireless equipment for wireless stations in low-power data communication systems based on the Radio Law.  
Built-in. • A wireless station license is not required when using this product. • This product can only be used in Japan. • Disassembling/modifying the wireless module built into this product may be punished by law.
- Equipped with a built-in wireless module that has received technical compliance certification for terminal equipment design based on the Telecommunications Business Law. No telecommunications carrier inspection is required when using this product.
- Near Bluetooth®, a wireless communication device that uses the same frequency band (2.4GHz / 5GHz) as this product , or other specified low-power wireless devices. Functionality may be limited if used in Additionally, in areas where magnetic fields from devices such as microwave ovens, static electricity, or radio wave interference occur, the radio wave condition may temporarily deteriorate and the product may become unusable.

The frequency band used by this product is applicable to industrial, scientific, and medical equipment such as microwave ovens, as well as in-plant wireless stations (wireless stations that require a license) for mobile object identification used in factory production lines, and specified low power Radio stations (radio stations that do not require a license) and amateur radio stations (radio stations that require a license) are operated.

operated. ♪ Before using this product, make sure that there are no in-plant radio stations for mobile object identification, specified low-power radio stations, or amateur radio stations in operation nearby.

Please Confirm.

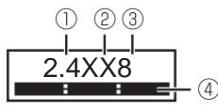
ÿ In the event that this product causes harmful radio wave interference to a premises wireless station for mobile object identification, immediately change the frequency used by the router or stop emitting radio waves. Please contact us through the Sharp Air Conditioner Support Page (back cover) to discuss measures to avoid interference.

ÿ If you experience any other problems, such as cases of harmful radio wave interference from this product to specified low-power radio stations for mobile object identification or amateur radio stations, please contact Sharp Air Conditioner Support. Please contact us from the page (back cover).

- The wireless module built into this product supports the following specifications. •

Bluetooth5.0 (Bluetooth Low Energy only support) • IEEE802.11a/b/g/n •

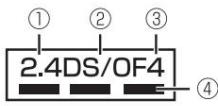
Specifications such as the wireless frequency used by this product are as follows.



ÿ 2.4: Represents wireless equipment that uses the 2.4GHz band. ♪

XX: Indicates that the modulation method is other method. ♪ 8: Indicates that the expected interference distance is 80 m or less. ♪

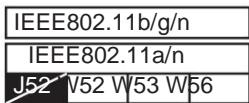
■ ■ ■ : Means that the entire band is used and the band of the mobile object identification device cannot be avoided. doing.



ÿ 2.4: Represents wireless equipment that uses the 2.4GHz band. ♪

DS/OF: Indicates that the modulation method is DS-SS method/OFDM method. ♪ 4: Indicates that the expected interference distance is 40 m or less. ♪

■ ■ ■ : Means that it is possible to use the entire band and avoid the band of the mobile object identification device. doing.



• W52 (5.2GHz band 36, 40, 44, 48ch) is available. • W53 (5.3GHz band 52, 56, 60, 64ch) is available. • W56 (5.6GHz band 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140ch) is available. \* W52/W53 are prohibited from being used outdoors according to the Radio Law.

ÿPrecautions regarding use of personal information (security related)

- When using wireless LAN or Bluetooth® wireless communication, radio waves are used regardless of whether or not encryption is set, so it may be intercepted. There is a possibility.
- Wireless LAN uses radio waves to exchange information between the product and the router, so it has the advantage that you can freely connect to the LAN as long as the radio waves are within range. On the other hand, because radio waves can cross obstacles (such as walls) and reach all locations within a certain range, there is a possibility that communications can be intercepted or hacked. • When setting up a wireless LAN connection, do not connect to devices or networks that you do not have permission to use. • If you wish to dispose of the device or transfer it to a third party, please initialize the device's wireless LAN function on page 36 . • If the device has been transferred to you by a third party, please refer to page 36 to initialize the device's wireless LAN function to prevent unauthorized access from the third party.

Please do it. ♪Other • By

law, this

product cannot be directly connected to the communication lines (including public wireless LAN) of telecommunications carriers (mobile carriers, fixed-line carriers, Internet providers, etc.). When connecting this product to the Internet, be sure to connect via a device such as a router.

- Wireless connectivity and performance are not guaranteed for all routers and residential environments. Please use a router that has been certified as conforming to technical standards by JATE.
- In the following places, the signal may not reach or may be interrupted. • In buildings made of concrete, steel, or metal; near obstacles; near wireless communication equipment that uses the same frequency.
- This product's wireless LAN (2.4GHz band) supports channels 1 to 13. Router set to a channel other than this cannot communicate with.

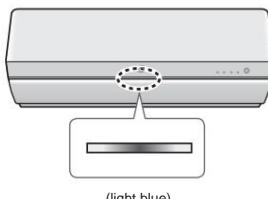
• "Bluetooth®" is a registered trademark of Bluetooth SIG, Inc.

# Filter cleaning operation

Brush out the dust from the air filter of the indoor unit with a cleaning brush and collect it in the dust box. •At the time of purchase, the filter cleaning operation will automatically start after the operation is stopped. (If you want to change the settings, see page 26 )



## Cleaning the filter



(light blue)

## About automatic filter cleaning

Driving time: about 5 minutes

Filter cleaning starts automatically after the air conditioner stops operating.



### Estimated electricity bill:

Approximately 0.04

yen Estimated unit price: 31 yen/kWh (tax included)  
(according to the Home Appliance Fair Trade Association)

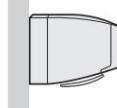
- Work once a day. (It will not work within 24 hours of the last filter cleaning operation.) •Even if the automatic filter cleaning setting is set to "off", if you run the air conditioner 10 times,

Cleans the filter automatically.

- If the air conditioner is stopped between 12am and 6am, automatic filter cleaning will not be performed. •If the machine has been operated continuously for more than 24 hours, stop the operation and perform automatic filter cleaning.

To do. (At this time, the airflow panel will not close.) After cleaning is completed, operation will resume.

## Airflow panel movement



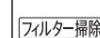
close

Operation time for manual filter cleaning operation : Approximately 14 minutes

Start filter cleaning using the remote control. Clean the filter carefully. Please use it for cleaning when not using it for a long time.

while stopped

**クリーン** Press and select "Filter Cleaning".



- Changes each time you press the button.

filter cleaning

internal cleanliness



(opens the cover)

Please use it regularly in the following cases. - The automatic filter cleaning setting is set to "off" - The machine is stopped between midnight and 6 a.m. every time.

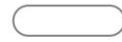
Notice • The remote control display "Filter cleaning" will turn off 1 minute after the start of operation.

- Depending on usage conditions and environment, dirt may not be removed from the air filter even if you run the filter cleaning operation. there is. Please check the dirt condition once every 6 months. If you are concerned about oil stains, especially when using the product in the kitchen, or if you do not plan to use the filter cleaning function, remove the air filter and clean it. 46 pages
- Please periodically throw away the dust that accumulates in the dust box during the filter cleaning operation. Page 44 • The purpose of the filter cleaning operation is to prevent a decrease in performance due to clogging of the air filter.

It does not suppress dirt inside the air conditioner.

## Internal cleaning operation

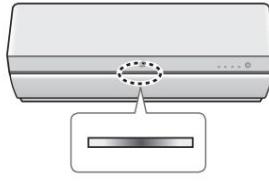
Plasmacluster ions are released into the air conditioner, drying the area around the air outlet and inside the air conditioner to suppress the growth of mold. •At the time of purchase, internal cleaning operation will automatically start  
after operation is stopped. (If you want to change the settings, see page 26 )



### About automatic internal cleaning

Driving time: Approximately 20 to 120 minutes

Internal cleaning in progress



(light blue)

After the air conditioner stops operating, internal cleaning will automatically start.

Please run until the end to prevent mold growth and odor.

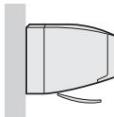
[フィルター掃除 内部清浄]

Estimated electricity bill:

Approximately 0.3 to 3 yen

Calculated using an estimated unit price of 31 yen/kWh (tax included) (according to the Home Appliance Fair Trade Association)

Airflow panel movement



upward

#### Internal cleaning operation details

vary depending on the operation before stopping, room temperature, and outside temperature.

	Operation before stopping	Internal cleaning operation details	
		Approximate duration	Description
ÿ	•Air conditioning •Dehumidification •Room drying	Approximately 90 minutes to approximately 120 minutes	Air blowing operation or heating operation (up to 10 minutes)
ÿ	•Heating •Plasmacluster ventilation •Powerful shot	Air blower operation for about 20 minutes	

•If the machine is stopped by the sleep cut-off timer or cut-off timer, the fan will operate. •If the air conditioner, dehumidifier, or room drying operation was performed within approximately one hour of the stop, the operation will be as described in ÿ regardless of the operation before the stop. •Automatic internal cleaning will not be performed when the operating time is less than 1 minute.

Operation time for manual internal cleaning operation : Approximately 90 to 120 minutes

Start internal cleaning using the remote control. Thoroughly clean the inside by running the ventilation or heating operation. Please use this for cleaning when not in use for a long period of time.



while stopped

[クリーン] Press and select "Internal Cleaning".

[内部清浄]

•Changes each time you press the button.



Please use it regularly in the following cases. •The automatic internal cleaning setting is set to "off" •The machine is stopped by the sleep timer or the shut-off timer every time

When both automatic filter cleaning and automatic internal cleaning are set to "On"

•After cleaning the filter, perform internal cleaning operation.

Favorite driving → filter cleaning internal cleaning

stop driving

Ends automatically

Notice • The remote control display "internal clean" will turn off 1 minute after the start of operation. •

During internal cleaning operation, heating operation is performed depending on the situation, so the room temperature may

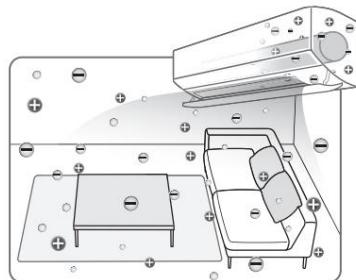
become high. • Mold that has already formed cannot be removed by internal cleaning operation. Also, even if the internal cleaning operation is

performed, mold and odors may occur depending on usage conditions and environment. In that case, we recommend air conditioner cleaning. Back cover

# automatically suppresses mold

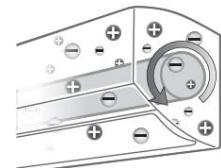
While the machine is stopped, it will automatically start operating if there is an environment where mold is likely to grow in the room or inside the air conditioner\* or if no one is present . (\*Temperature 20°C or higher, humidity 70% or higher)

Room Plus Mode suppresses mold in the room and inside the air conditioner. While stopped, if it detects that the room is prone to mold growth or that no one is in the room, it will automatically start Plasmacluster ventilation operation.

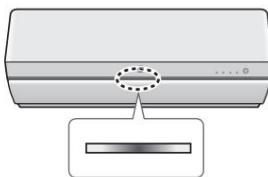


Internal mode suppresses

mold inside the air conditioner. When the air conditioner is stopped and the environment inside the air conditioner becomes conducive to mold growth, the fan is operated in reverse rotation to spread Plasmacluster ions inside the air conditioner.



setting up



(White) Only when the operation is stopped

**パトロール** Press to select the mode.

•Changes each time you press the button.

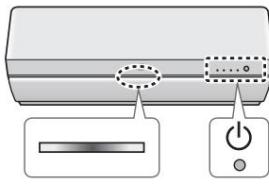
Room Plus Mode Internal Mode Cancel



(opens the cover)

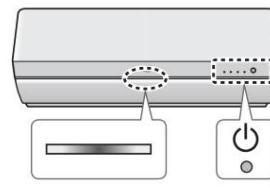
Plasmacluster patrol in operation

Room plus mode



• Airflow panel: upward

internal mode



• Airflow panel: Closed • If the inside of

the air conditioner is not dry,

Open the airflow panel upwards and operate the fan for approximately 90 minutes.

When canceling settings

**パトロール** Press and select "Cancel".

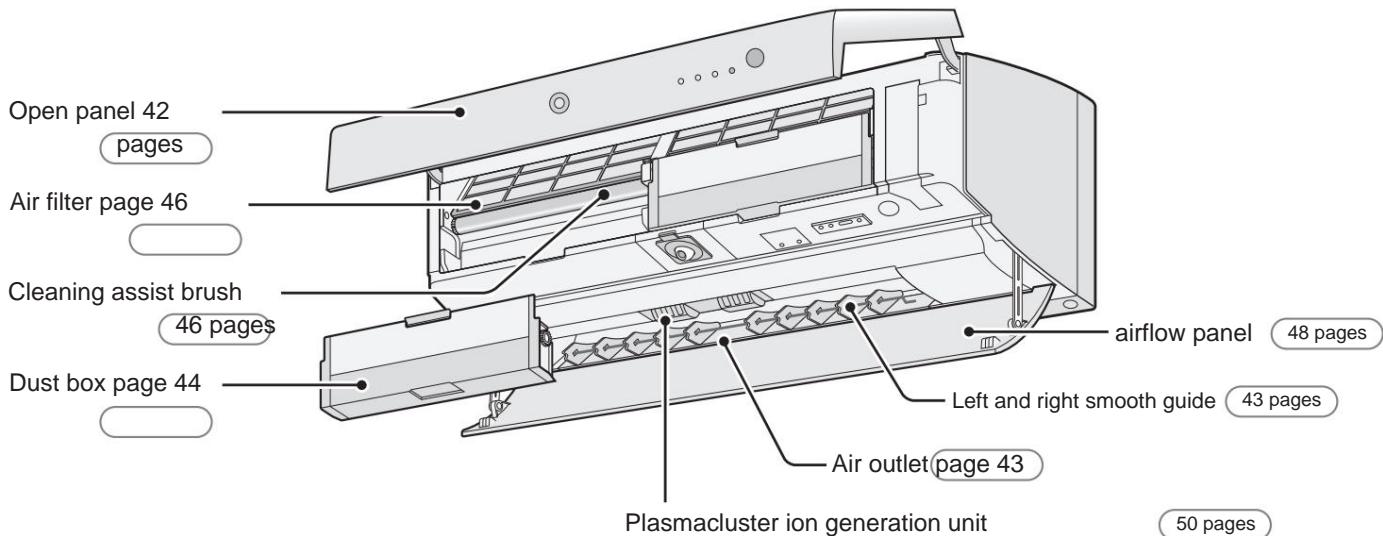
•The plasma cluster lamp (white) on the main unit will turn off. (Only when operation is stopped)

Note : Plasmacluster Patrol cannot remove mold that has already formed. • When you replace the batteries in the remote control or press the reset button, the remote control returns to its default settings (no patrol settings). However, the air conditioner itself remembers the patrol settings. • If you press the stop button while Plasmacluster Patrol is running, it will stop temporarily, but immediately resume driving. If you want to stop, please cancel the setting with the patrol button.

- In Room Plus mode, the time from detecting the absence of someone to starting operation is set to 30 minutes. (At time of purchase) If you want to change the start time setting, see page 26 • The plasma cluster lamp display will not turn white during operation.

# How to care 1

	caveat Do not clean the inside of the air conditioner yourself. Do not spray disinfectants, deodorizers, insecticides, etc. [Causes of water leaks, refrigerant leaks, damage, malfunctions, smoke, and fire]
	Note Be sure to stop the operation and unplug the power plug. [The fan rotates at high speed and may cause injury.]



You can see some of the care instructions in the video. [https://jp.sharp/support/air\\_con/visualguide.html](https://jp.sharp/support/air_con/visualguide.html)



Do not use the following (causing discoloration, deformation, and scratches)



Do not dry with the following (causing discoloration or deformation) • Direct sunlight • Hair dryer • Stove, etc.

Main unit/remote control <If you are concerned about dirt>

Main body



## Wipe gently with a soft cloth

If it is very dirty, wipe it with a cloth dampened with cold or lukewarm water. (If water gets inside, it will cause a malfunction.)

Remote controller



Care

# How to care 2

Open panel <If you are concerned about dirt>

Open panel Wipe gently with a soft cloth.



If it is very dirty, wipe it with a cloth dampened with cold or lukewarm water. (If water gets inside, it will cause a malfunction.)

How to remove it

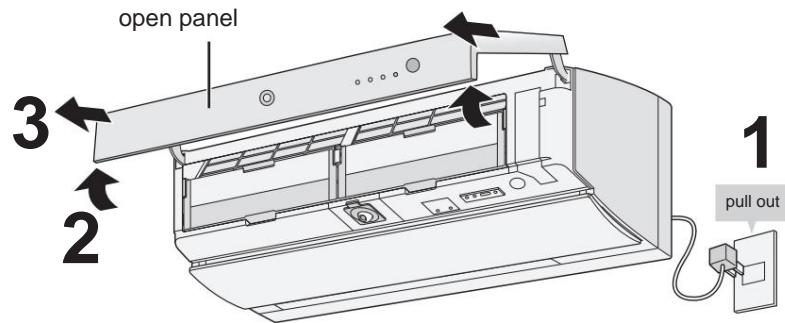
**1 Stop** operation and pull out the power plug

**2 Open** the open panel

- Hold the left and right sides and pull it up toward you.

**3 Remove** the open panel

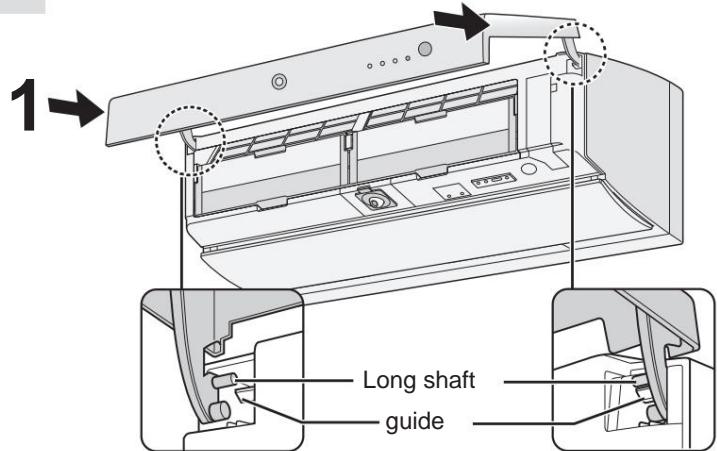
- Push it up until it is almost horizontal and pull it out toward you.



How to wear it

**1** Hold the open panel horizontally and push in the long shaft.

- Align the longer shaft to the top of the guide.  
Push in both left and right until you hear a "click" sound.



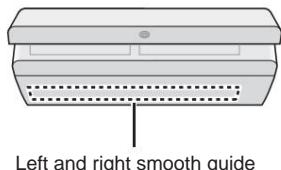
**2 Close** the open panel

- Press both left and right ends until you hear a "click" sound.



**Note** Do not disassemble the open panel that has been removed. (Cause of damage/failure)

## Left and right smooth guide/air outlet <If you are concerned about dirt>



Left and right smooth guide

### Remove it and wipe it gently with a soft cloth.

If it is very dirty, use diluted neutral detergent and gently wipe with a soft sponge or cloth. After washing, dry thoroughly in the shade.  
(Remaining water may cause electric shock)

#### How to remove it

##### 1 Open the airflow panel using the remote control.

open the remote control cover

while stopped Press and hold for 3 seconds.

##### 2 Unplug the power

##### 3 Remove the left and right smooth guides.

•Press and pull out the lock release button on both sides at the same time.

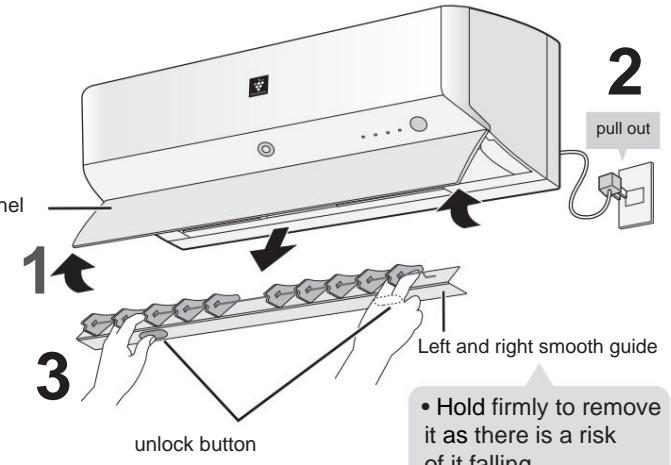
##### 4 Clean the air outlet

Wipe gently with a soft cloth

•If it is very dirty, wipe it with a cloth dampened with cold or lukewarm water. (If water gets inside, it will cause a malfunction.)

**please note**

- Do not touch the fan. (Cause of damage/failure)

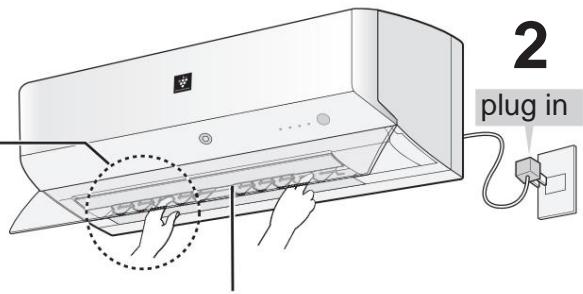
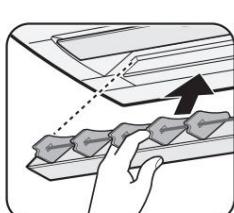


Care

#### How to wear it

##### 1 Attach the left and right smooth guides

•Align both ends and insert until it clicks.



##### 3 Close the airflow panel using the remote control.

open the remote control cover

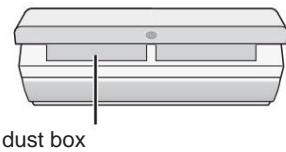
Press and hold for 3 seconds.

•You can also close it using the stop button.

If the airflow panel does not close •Unplug the power plug and attach the left and right smooth guides correctly.

# How to care 3

Dust box <Once every 6 months>

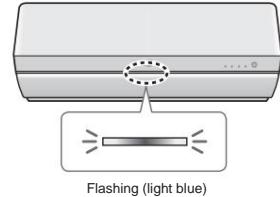


Throw away accumulated dust and reset the cumulative operating time.

The dust box and cleaning brush can be washed with water. If the dirt is heavy, use a diluted neutral detergent. After washing, dry thoroughly in the shade.

About the maintenance sign When the

cumulative operating time reaches approximately 4,500 hours, the plasma cluster lamp (light blue) will blink to notify you that it is time for maintenance. This sign is a guide. The amount of dust that accumulates varies depending on usage conditions and environment, so we recommend cleaning it regularly. •If you reset the cumulative operating time, the maintenance sign will turn off.

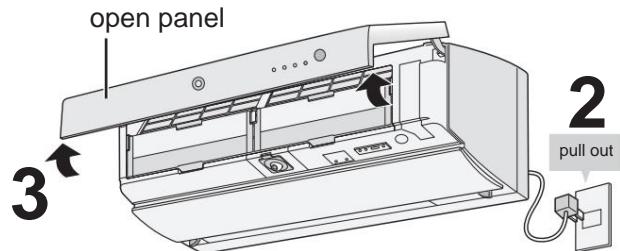


## How to remove/How to dispose of dust

### 1 Stop operation

- Press the stop button on the remote control twice and wait about 2 minutes. The air filter will return to its original position.

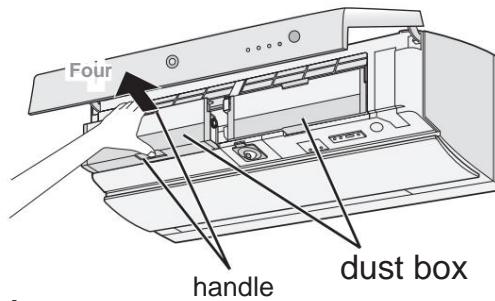
### 2 Unplug the power plug



### 3 Open the open panel

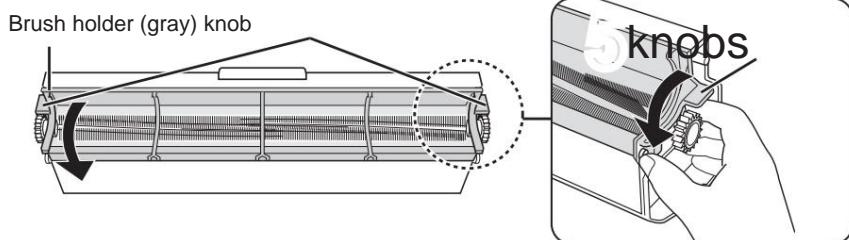
- Hold the left and right sides and pull it up toward you.

### Four Grasp the handle and pull the dust box toward you.



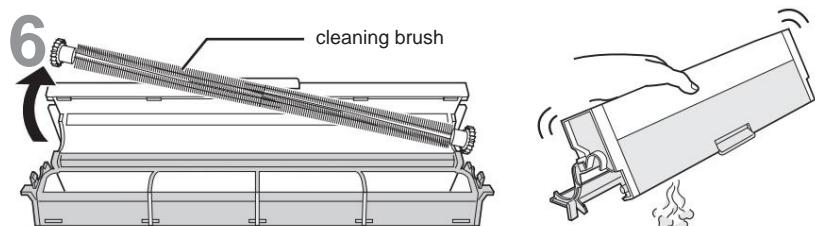
### 5 Open the brush holder (gray)

- Lift up the knobs on both ends of the brush holder and open until you hear a clicking sound.

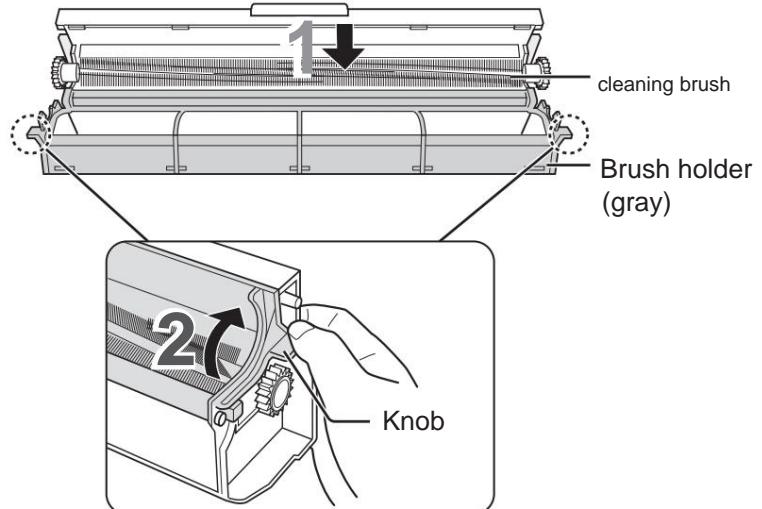


### 6 Remove the cleaning brush and throw away accumulated dust

- Remove dust attached to the cleaning brush.



## How to attach/Reset the cumulative operating time

**1 Attach** the cleaning brush**2 Close** the brush holder (gray)

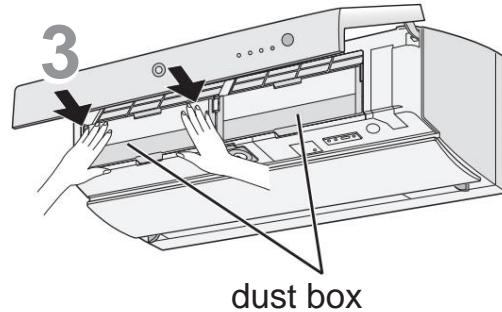
- Press the knobs at both ends until you hear a click.

**3 Install** the dust box

- Until you hear a "click" at the arrow in the diagram.  
Hold firmly. •There is no distinction between left and right.

## please note

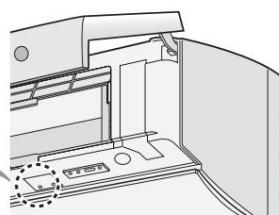
- If the dust box is not inserted correctly,  
This may cause filter cleaning to malfunction.

**4 Reset** the cumulative operating time

Care

ŷ Insert the power plug

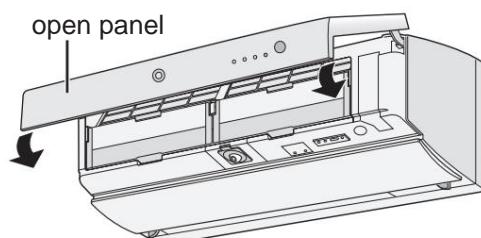
ŷ While stopped



- You will hear a beep and the cumulative operating time will be reset.

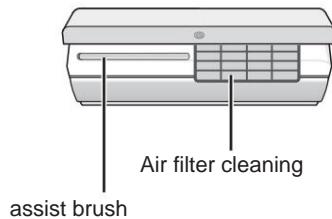
ŷ Close the open panel

- Press both left and right ends until you hear a "click" sound.



# How to care 4

## Air filter/cleaning assist brush <Once every 6 months>



Wash with water and dry well in the shade

If it is very dirty, wash it with diluted neutral detergent and let it dry thoroughly in the shade. •When

scrubbing, be sure to use a soft sponge and handle gently. •Do not apply strong force such as bending.

Even if you are running the filter cleaning operation, check the dirt level regularly and clean it if it is dirty. •Depending on the usage conditions and environment, dirt (oil, cigarette tar, etc.) may not be removed.

If you are using it in an area where oil stains are a concern, such as in the kitchen, please clean it frequently.

•If you are not using the filter cleaning operation, please clean it once every two weeks.

### How to remove it

#### 1 Stop operation

- Press the stop button on the remote control twice and wait about 2 minutes. The air filter will return to its original position.

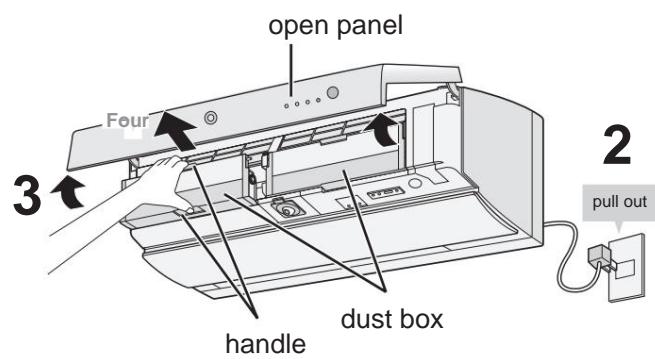
#### 2 Unplug the power

#### 3 Open the open panel

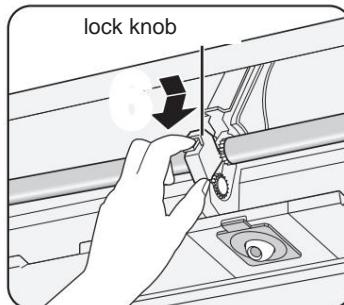
- Hold the left and right sides and pull it up toward you.

**Four** Grasp the handle and pull the dust box toward you.

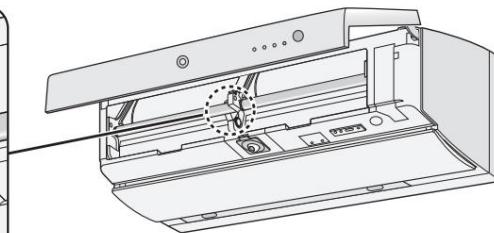
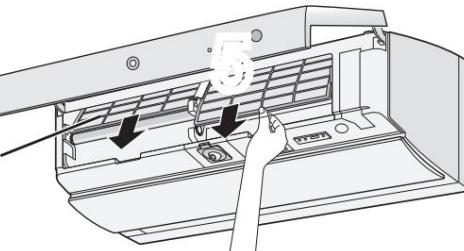
air filter



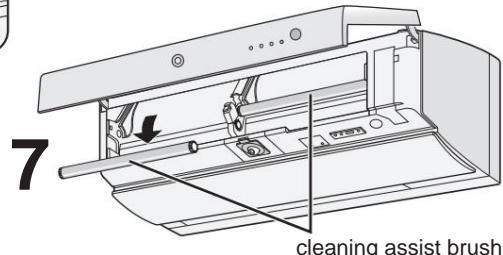
**Five** Pull the air filter down and remove it



**6 Lock knob**  
Lower while pressing



#### 7 Remove the cleaning assist brush

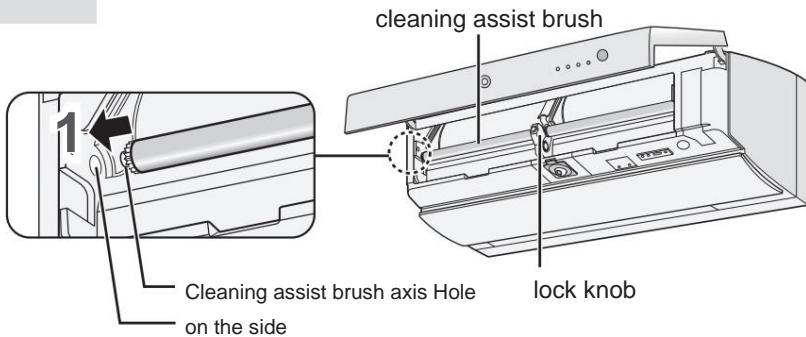


**Note** If you unplug the power plug while cleaning the filter, the air filter may not return all the way and may be difficult to pull out. In that case, reinstall the dust box, plug in the power plug, and wait about 2 minutes. (Forcibly removing the air filter may cause a malfunction.)

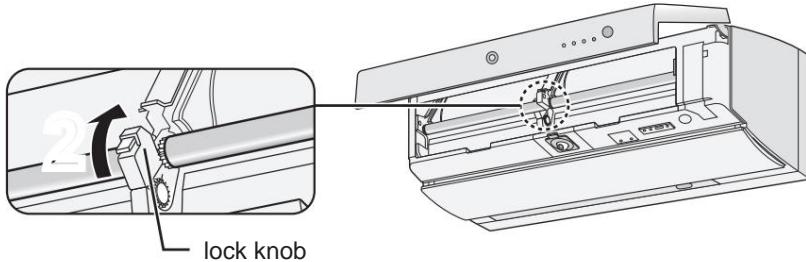
How to wear it

**1 Attach the cleaning assist brush**

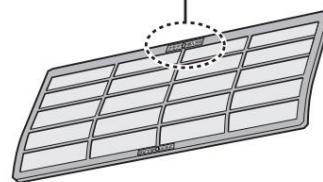
- Insert the shaft into the hole on the side, and place the other shaft on the lock knob.

**2 Raise the lock knob**

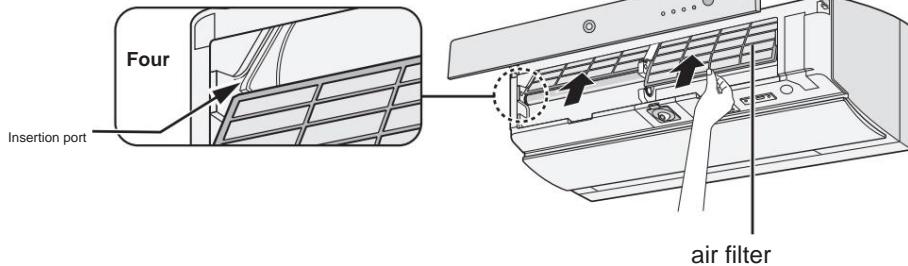
- Raise it until you hear a "click" sound.

**3 Check the front of the air filter**

3 front Insertion direction

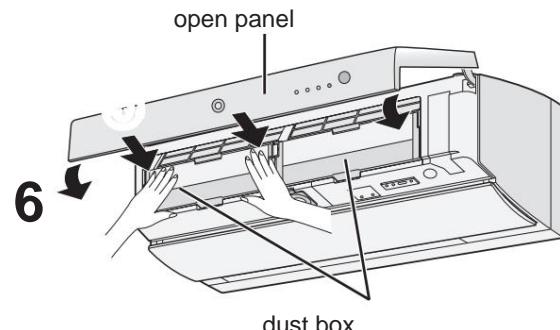
**4 Insert the air filter**

- Insert along the insertion slot and push it all the way in. •Can be inserted regardless of its orientation. •There is no distinction between left and right.

**5 Install the dust box**

- Until you hear a "click" at the arrow in the diagram. Hold firmly. •There is no distinction between left and right.

open panel

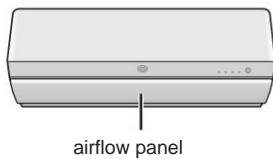
**6 Close open panel**

**Note :** If the cleaning assist brush, air filter, and dust box are not in the correct position.  
This may cause filter cleaning to malfunction.

Care

# How to care 5

Airflow panel <If you are concerned about dirt>



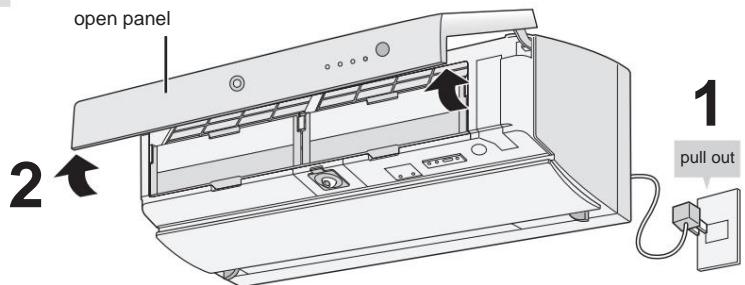
## Wipe gently with a soft cloth

If it is very dirty, wipe it with a cloth dampened with cold or lukewarm water. (If water gets inside, it will cause a malfunction.)

### How to remove it

#### 1 Stop operation and pull out the power plug

- After the airflow panel is completely closed, wait at least 5 seconds before pulling it out.

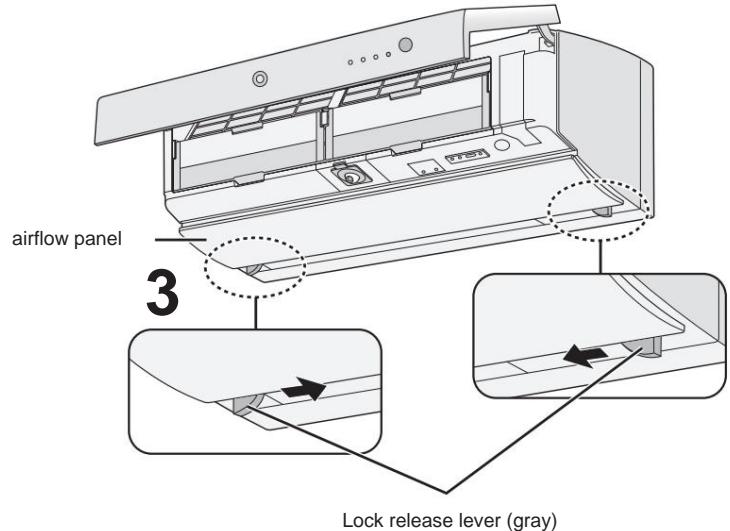


#### 2 Open the open panel

- Hold the left and right sides and pull it up toward you.

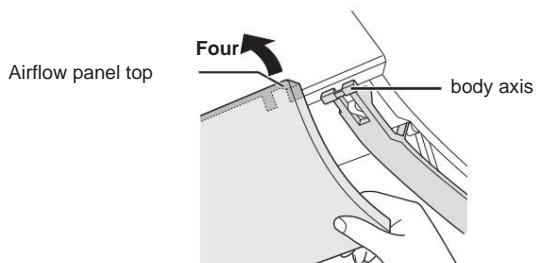
#### 3 Unlock the airflow panel

- Push the lock release levers (gray) at the bottom of the airflow panel toward the center of the main unit at the same time.



#### 4 Remove the airflow panel

- Open the airflow panel and raise it slightly.  
Remove it from the main body shaft.

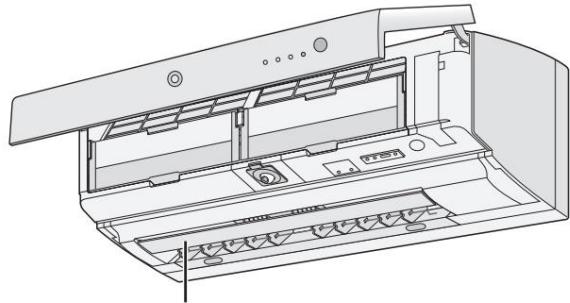


**Note** Do not disassemble the removed airflow panel. (Cause of damage/failure)

## How to wear it

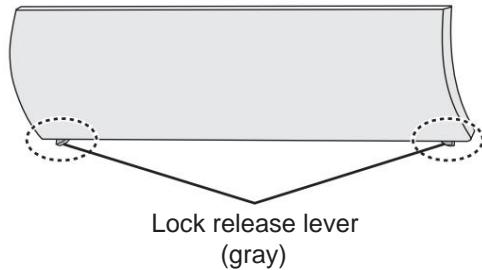
**1** Make sure the power concentration guide is closed.

**confirm**



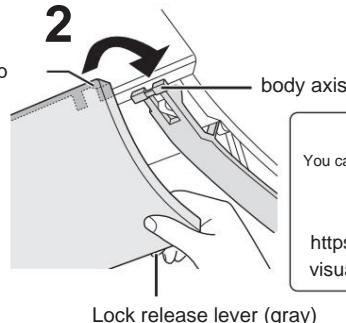
1 Power concentration guide

**2** Hook both left and right ends of the top of the airflow panel onto the shaft of the main unit •The side with the lock release lever (gray) is on the bottom.



Lock release lever (gray)

Airflow panel top



Lock release lever (gray)

You can check it in the video.



[https://jp.sharp/support/air\\_con/visualguide.html#movie2021-01](https://jp.sharp/support/air_con/visualguide.html#movie2021-01)

**3** Close the bottom of the airflow panel

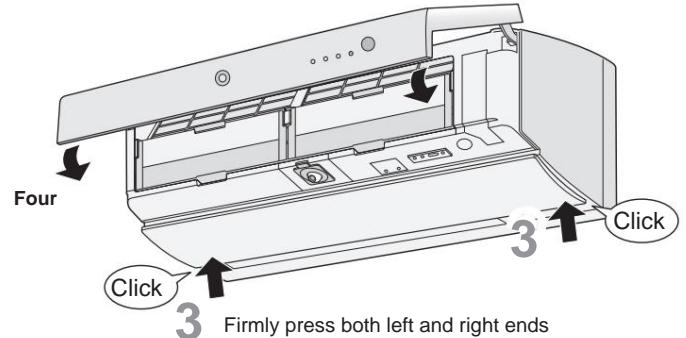
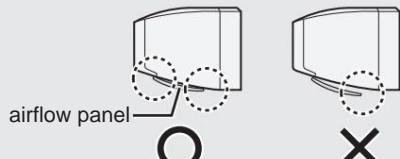
•Click both left and right ends of the bottom of the airflow panel.

Press until you hear a sound.

**4** Close the open panel

Make sure the airflow panel is securely closed

- If it is not closed securely, it may cause the airflow panel to malfunction or fall.

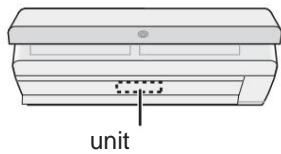


3 Firmly press both left and right ends

Care

# How to care 6

## Unit (Plasmacluster ion generation unit) <Once every 6 months>



Remove dust and deposits from the electrode section

Use a commercially available cotton swab with the tip slightly dampened with water. Please clean it regularly to ensure stable release of high concentration Plasmacluster ions.

### How to remove it

AY-R22X, AY-R25X, AY-R28X, AY-R36X, AY-R40X2, AY-R56X2, AY-R63X2, AY-R71X2: 1 piece

AY-R80X2: 2 pieces

### 1 Stop operation and pull out the power plug

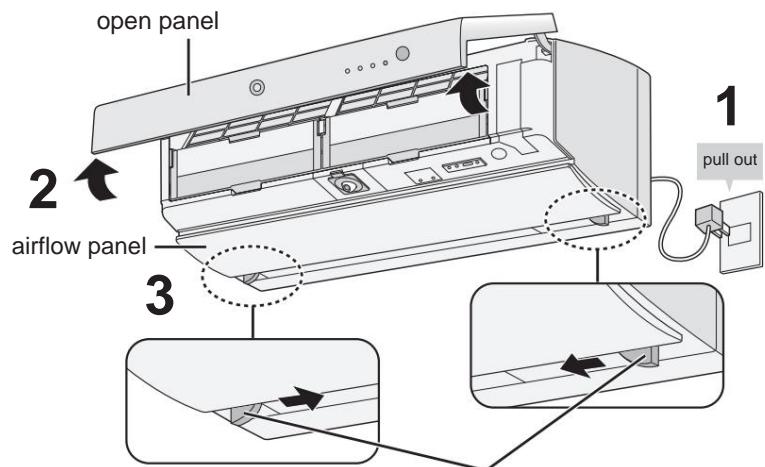
- After the airflow panel is completely closed, wait at least 5 seconds before pulling it out.

### 2 Open the open panel

- Hold the left and right sides and pull it up toward you.

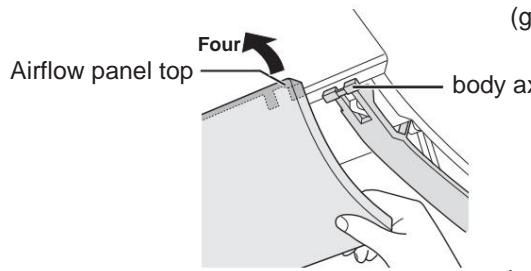
### 3 Unlock the airflow panel

- Lock release lever at the bottom of the airflow panel (gray) toward the center of the main unit at the same time on the left and right sides.



### 4 Remove the airflow panel

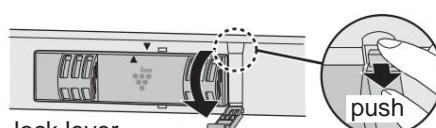
- Open the airflow panel and raise it slightly.  
Remove it from the main body shaft.



### 5 Turn the power concentration guide downwards.

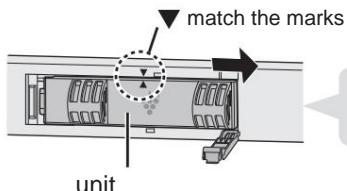
### 6 lock levers

- While pressing the tip, tilt it downwards.



### 7 units

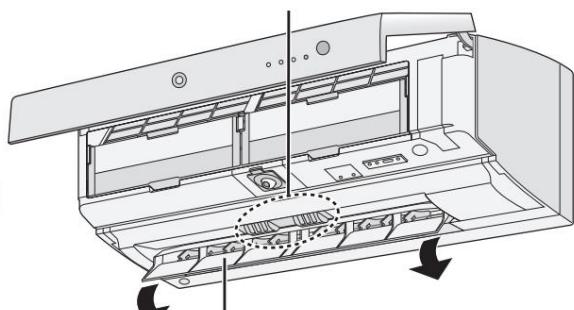
- Hold it and move it to the right to match the marks (y and y)



- Hold the unit firmly to prevent it from falling.  
Please have it.

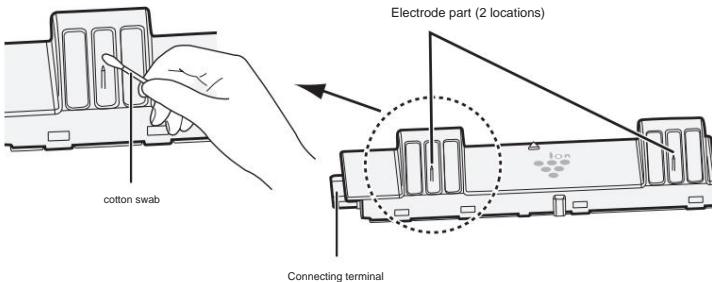
### 8 units

- Remove



### Clean the electrode section of the unit

Remove dust and deposits from the electrode using a commercially available cotton swab with the tip slightly moistened with water.

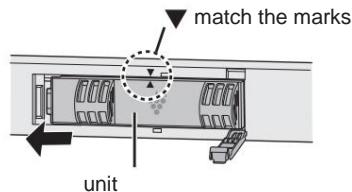


#### please note

- Be careful not to deform the electrode part. • Do not touch the connection terminals.

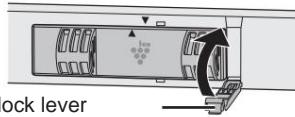
### How to wear it

Mark 1 unit as (i) and (ii). Fit them together and shift them to the left.



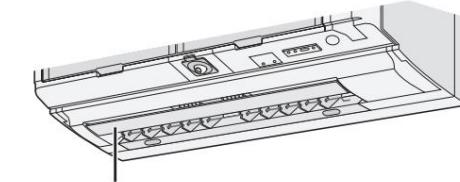
### 2 Raise the lock lever

- Raise it until you hear a "click" sound.

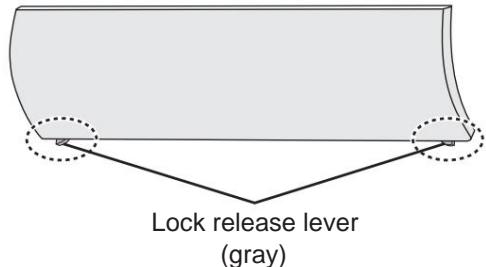


### 3 Close power concentration guide

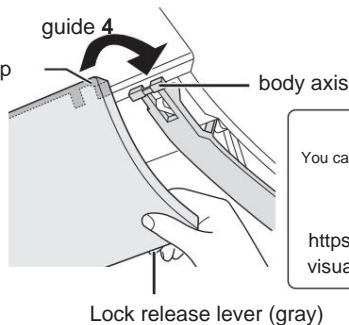
4 Place both left and right ends of the top of the airflow panel.



#### 3 Power concentration



Airflow panel top



You can check it in the video.



[https://jp.sharp/support/air\\_con/visualguide.html#movie2021-01](https://jp.sharp/support/air_con/visualguide.html#movie2021-01)

### 5 Close the bottom of the airflow panel

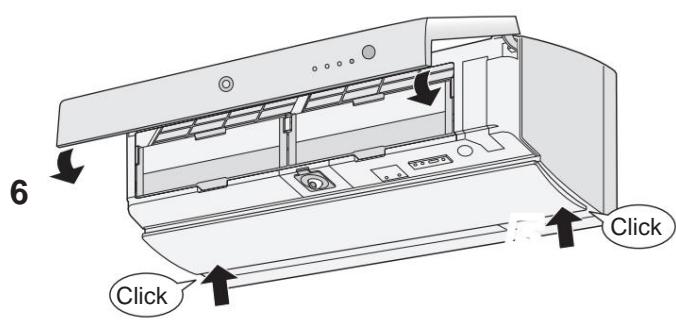
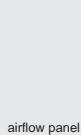
- Click both left and right ends of the bottom of the airflow panel.

Press until you hear a sound.

### 6 Close open panel

#### Make sure the airflow panel is securely closed

- If it is not closed securely, it may cause the airflow panel to malfunction or fall.



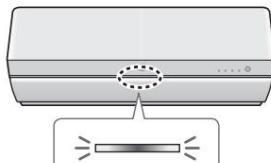
Five Firmly press both left and right ends

Care

# Replacing the plasma cluster ion generation unit

If the plasma cluster lamp (blue) blinks 10 times at the start of operation and then goes off, replace the unit.

**exchange sign**



Blinks 10 times and turns off (blue)

Replacement units are sold separately. Page 63 The

number of units to be replaced varies depending on the model you are using.

AY-R22X, AY-R25X, AY-R28X, AY-R36X, AY-R40X2, AY-R56X2, AY-R63X2, AY-R71X2	1 piece
AY-R80X2 (Please use new units for both replacements)	2 pieces

Estimated unit replacement time (approximately 17,500 hours)

When used 5 hours a day	When used 8 hours a day	When used 24 hours a day
about 10 years	about 6 years	about 2 years

For instructions on how to attach and detach the unit, please refer to the section on how to clean the unit. 50 pages

**Note** Please discard the old unit as non-burnable garbage. If your area has waste separation rules, please follow those rules.

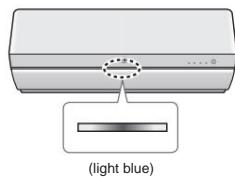
**Notice • After** approximately 19,000 hours, the generation of plasma cluster ions will stop.

At the start of operation, the plasma cluster lamp will blink for about 1 minute and then turn off to notify you that it has stopped.

# FAQ 1



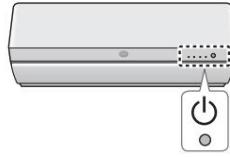
The unit is still running even after it has been stopped . The plasma cluster lamp (light blue) is lit. The airflow panel is  
Can't close completely  
- Warm wind comes out



After stopping operation, filter cleaning and internal purification work automatically. Pages 38 and 39 Please run the machine until the end to prevent mold growth and odor. When cleaning the inside of the air conditioner after cooling, dehumidifying, or drying the room, heating may be performed (for up to 10 minutes) to dry the inside of the air conditioner.



The air conditioner operates automatically /  
The operating lamp (orange) lights up.



(Orange) Plasmacluster Patrol is set. During setup, it will automatically start operating when the temperature and humidity reach a point where mold can easily grow. Continue to operate when the temperature and humidity are conducive to mold growth. If you want to stop it, please cancel the setting.

40 pages



I hear a "jee-jee-ji" and "chi-chi-chi" sound.



This is the sound made when plasma cluster ions are generated. The sound may become louder or harder to hear depending on the usage environment and driving style, but the effect of Plasmacluster Ion remains the same.

Cleaning the unit's electrodes may reduce the noise. 50 pages

If you are really concerned about this, you can set the Plasmacluster to "off". 26 pages



I hear a popping sound



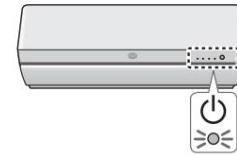
This is the sound of outside air being sucked in from the air conditioner's drain hose when using a ventilation fan in a highly airtight room or when strong winds are blowing outdoors.

This is not a malfunction.

The problem may be improved by attaching a commercially available air conditioner backflow prevention valve to the drain hose.



**The operation lamp (green) blinks slowly**



Blinking slowly (green)



Defrosting operation is performed during heating. 31 pages



Water or white smoke (steam) comes out from the outdoor unit.



- The frost that melts during the defrost operation during heating comes out as white smoke (steam) or as water from the bottom of the outdoor unit. This is not abnormal.



• Water

droplets may form on cold piping or piping connections during cooling .



If you are having trouble with the product getting wet, please contact the store where you purchased it for drainage work. In some cold regions, work may not be possible due to the risk of the outdoor unit freezing.

# FAQ 2

## Wireless LAN Q&A



### Unable to connect wireless

#### LAN between air conditioner and router



- Please check your router.

Page 34

- Adjust the direction of the router and antenna.  
Try moving the router and air conditioner closer together. Then, perform "Initial Settings 2 Wireless LAN Connection and Air Conditioner Registration" again. 35 pages



### can't install app



- Please check if your smartphone's OS is compatible with the app.

34 pages



### I can't register the air conditioner in the app



- Are your smartphone and air conditioner connected to the same router via wireless LAN? • Have you exceeded the maximum number of COCORO IDs (10) that can be registered in the air conditioner? • Is the router's function that prohibits communication between devices connected to the same router enabled? In this case, the device will not be displayed because the smartphone and device cannot communicate. Please disable the corresponding function on your router.



### I want to operate from multiple smartphones



- Please make the initial settings on each smartphone. 35 pages



### When changing the router



- It is necessary to reconnect the air conditioner and router.

Masu.

ÿ Press and hold the menu button on the remote control for 3 seconds to stop the wireless LAN function. Page 36

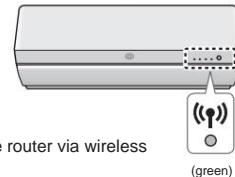
ÿ Perform "Initial Settings 2 Wireless LAN Connection and Air Conditioner Registration". 35 pages



### Cannot be operated from smartphone



Check the connection light ( ) on ( ) main unit .



- Off • The air conditioner cannot connect to the router via wireless LAN. • Is the power plug of the air conditioner disconnected? • Has the wireless LAN function been stopped?

36 pages

<Lights> • The air conditioner is connected to the router via wireless LAN.

- is. • Have you registered your air conditioner in the app?

If you have not done so, please perform "Initial Settings 2 Wireless LAN Connection and Air Conditioner Registration". 35 pages

Registration". 35 pages

<Flashing> •

Our server and the air conditioner are no longer able to communicate.

- is. • Is the router turned on? Is it malfunctioning? • Has the router been changed? • Try adjusting the orientation of the router or antenna, or moving the router and air conditioner closer together. • Is there a network problem? • Our server may be undergoing maintenance. In that case, the light will return to lighting after a while.



### When changing smartphone models



- You can use it by installing the app and logging in with your registered COCORO ID and password. 35 pages



### When your air conditioner is transferred to you by a third party When you suspect that it has been used by unauthorized access When you lose your smartphone



- Please initialize to prevent unauthorized access from third parties.

36 pages



### When disposing of the air conditioner When transferring it to a third party



- Please initialize to prevent leakage of personal information.

36 pages

## Is it malfunctioning? 1Please check again before requesting repair or contacting us.

at a time like this	Please check
Does not operate/ power does not turn on	<ul style="list-style-type: none"> <li>• Is the fuse or breaker in your home blown? • Is the power plug disconnected?</li> </ul> <p>Is there a power outage? Please restart the operation after turning on the power.</p>
Outdoor unit won't stop	<ul style="list-style-type: none"> <li>• After stopping operation, the outdoor unit is cooled down. Please wait approximately 1 minute.</li> </ul>
The air conditioner runs automatically • Have you set the timer to "every day"? Repeat every day until canceled. 20 pages	<ul style="list-style-type: none"> <li>• Have you set Plasmacluster Patrol? 40 pages</li> </ul>
Air conditioner shuts off automatically • Have you set the off timer to "every day"? Repeat every day until canceled. 20 pages	<ul style="list-style-type: none"> <li>• Are you using a smartphone for remote control?</li> </ul> <p>• Are you using a smartphone for remote control? • If the air conditioner is unable to communicate with our server for approximately 24 hours after operation using a smartphone, the air conditioner will automatically stop. If our server and the air conditioner cannot communicate, the connect lamp will blink at 1 second intervals.</p>
Book body	<ul style="list-style-type: none"> <li>• When cooling: Preparing to blow out cold air. Please wait approximately 1 minute. • When heating: Preparing to emit warm air. Please wait approximately 1 to 5 minutes. It may take a little longer depending on conditions such as low outside temperature.</li> </ul>
No wind comes out when heating is running	<ul style="list-style-type: none"> <li>• There is frost on the outdoor unit, and the defrost operation is automatically performed. Page 31 • When the room temperature reaches the set temperature, stop operation for a short period of time (approximately 3 to 6 minutes) and let the room temperature cool.</li> </ul>
I'm in control.	<p>• When there are many people in the room, when there is a heat-generating object, or when the outside temperature is high, you may feel stuffy and hot. In that case, lower the set temperature or use cooling operation to lower the room temperature, and then restart dehumidification operation. pages 10, 11</p>
Feels hot and humid when dehumidifying	<ul style="list-style-type: none"> <li>• If humid air enters the room, the humidity may not drop to the set level. • When the outside temperature is high or depending on the room environment, the humidity may drop below the set value.</li> </ul>
Humidity does not reach set humidity	<ul style="list-style-type: none"> <li>• When the room temperature or outside temperature is low, dehumidification may not be performed to prevent excessive cooling.</li> </ul>
Air volume and direction change	<ul style="list-style-type: none"> <li>• When changing the vertical wind direction, the air volume may decrease temporarily. • When the temperature of the air blown out during heating operation is low, the airflow will automatically change to a weaker air volume or to a diagonal rearward direction to avoid blowing the air. When the wind warms up, the air volume and direction will return to those set on the remote control.</li> <li>• Environments with high humidity to prevent dew from forming near the air outlet and dropping water droplets during cooling or dehumidification, the air volume and direction may change automatically.</li> </ul>
Fog comes out from the air conditioner during cooling/dehumidification operation	<ul style="list-style-type: none"> <li>• This is because the cold air blown out during operation cools the air in the room and turns it into a mist.</li> </ul>
smell	<ul style="list-style-type: none"> <li>• This is because the odors that come with daily life are absorbed by the air conditioner and blown out. The following maintenance may improve the situation. • Perform filter cleaning operation and internal cleaning operation. Pages 38, 39 • Empty the dust that has accumulated in the dust box. Page 44 • Clear the air filter. Page 46 • Remove the left and right smooth guides and clean the area around the air outlet. 43 pages</li> </ul> <p>If the problem does not improve, we recommend having your air conditioner cleaned by a professional. Back cover</p>

when needed

## Is it malfunctioning? 2Please check again before requesting repairs or making inquiries.

at a time like this	Please check
Does not cool or warm well	<ul style="list-style-type: none"> <li>• Is the air filter dirty? Page 46 • Is the temperature adjustment appropriate? Page 11 • Is the air volume set to "Quiet" or "Slight"? Depending on the room temperature and outside temperature, it may take a long time to reach the set temperature, or it may not reach the set temperature. 14 pages</li> <li>• Are you driving out or setting a sleep timer? Pages 16 and 21 • Is power saving set to "ON"? 27 pages</li> </ul> <p>• To check whether the air conditioner is operating properly, measure the temperature difference between the indoor unit's air outlet and air inlet. It is normal if the temperature difference is 8° or more when cooling and 14° or more when heating after operating for about 20 minutes. • Depending on conditions such as room size and outside temperature, the set temperature may not be reached. There is.</p> <p>Is your room too large for the capacity of your air conditioner? Back cover • If the outside temperature is high (low), the cooling (warming) will be worse. • If the humidity continues to be high, cooling may worsen. When cooling the room, you can lower the perceived temperature by blocking the sunlight with curtains or by changing the direction of the wind toward the direction of people.</p> <ul style="list-style-type: none"> <li>• If there are obstacles (transoms, beams, furniture, walls, etc.) in the direction of the air conditioner's air, the air flow will be biased and the air conditioner may not be able to accurately sense the indoor temperature. In that case, adjust the wind direction to avoid the obstruction. Pages 14 and 15 • Are the air outlets and suction ports of the indoor unit or outdoor unit blocked? Additionally, if the aluminum fins on the back and left side of the outdoor unit become clogged with leaves, paper, pet hair, etc., performance may decrease.</li> <li>• Are you using a smartphone to perform remote control (temperature, air volume, wind direction settings, etc.)? Contents set using remote control will not be displayed on the remote control.</li> </ul>
It takes time to cool down/warm up	<ul style="list-style-type: none"> <li>• Is the outdoor unit power set to "low"? 27 pages</li> </ul>
Dirt remains on the filter even after filter cleaning operation	<ul style="list-style-type: none"> <li>• Depending on usage conditions and environment, it may not be possible to remove dirt from the air filter sufficiently. In that case, please remove it and clean it. 46 pages</li> <li>• Is there any dust accumulated in the dust box? Page 44 • Is the cleaning brush or cleaning assist brush dirty? pages 44, 46</li> </ul>
Do not automatically clean the filter	<ul style="list-style-type: none"> <li>• Do not clean the filter within about 24 hours since the last time you cleaned it. 38 pages</li> <li>• The filter will not be cleaned if it stops between 12am and 6am. 38 pages</li> </ul>
Filter cleaning starts even if the automatic filter cleaning setting is set to "off".	<ul style="list-style-type: none"> <li>• To prevent dust from clogging the air conditioner, the filter will be automatically cleaned after the air conditioner is operated 10 times. 38 pages</li> </ul>
While driving, filter cleaning starts automatically.	<ul style="list-style-type: none"> <li>• If automatic filter cleaning is set to "ON" and the machine is operated continuously for more than 24 hours, operation will be temporarily interrupted and the filter will be cleaned. 38 pages</li> </ul>
Do not give audio notifications	<ul style="list-style-type: none"> <li>• There will be no audio notification when the timer is set to start or stop operation.</li> <li>• Is the audio volume set to "0"? 28 pages</li> </ul>
Notify you of CO2 concentration while stopped	<ul style="list-style-type: none"> <li>• Is CO2 notification set to "ON"? page 29</li> </ul>
Volume is low/loud	<ul style="list-style-type: none"> <li>• Try adjusting the volume. 28 pages</li> </ul>

at a time like this	Please check
Main unit  display (temp)	<ul style="list-style-type: none"> <li>We notify you of maintenance timing and abnormalities. For more information, see "When the indoor unit lamp flashes." pages 60, 61</li> </ul>
	<ul style="list-style-type: none"> <li>Is the brightness of the main unit lamp set to "dark"? Page 29 • Are you driving outside? Page 16 • Are you making a reservation for the sleep timer? 21 pages</li> </ul>
	<ul style="list-style-type: none"> <li>Is it past the time to replace the Plasmacluster ion generation unit? 52 pages</li> <li>Is Plasmacluster turned off? 26 pages</li> </ul>
	<ul style="list-style-type: none"> <li>Have you replaced both units? 52 pages</li> </ul>
	<ul style="list-style-type: none"> <li>Are you making a timer reservation? Pages 20 and 21 • Are you setting Plasmacluster Patrol? Page 40 • Is the machine running automatic filter cleaning or automatic internal cleaning? pages 38, 39</li> </ul>
	<ul style="list-style-type: none"> <li>Are you making timer reservations on your smartphone? If you have made a reservation using your smartphone, you cannot cancel the reservation using the remote control. Please cancel on your smartphone.</li> </ul>
	<ul style="list-style-type: none"> <li>Our server and air conditioner are no longer able to communicate. • Is the router turned on? Is it malfunctioning? • Has the router been changed? • Adjust the direction of the router or antenna, or move the router and air conditioner closer together. please look. • Is there a network problem? • Our server may be undergoing maintenance. In that case, it will return to lighting after a while.</li> </ul>
	<ul style="list-style-type: none"> <li>Is CO2 notification set to "ON"? page 29</li> </ul>
CO2 lamp color does not change	<ul style="list-style-type: none"> <li>Check the CO2 concentration using the information button. After that, ventilate the room by opening windows and check the CO2 concentration again. If the CO2 concentration value changes, it is normal. 22 pages</li> </ul>
I hear a sound  when needed	A "sizzling" or "sizzling" sound - This is the sound of refrigerant flowing inside the air conditioner.
	<ul style="list-style-type: none"> <li>This is the sound that occurs when the flow of refrigerant inside the air conditioner changes, such as during defrosting operation.</li> </ul>
	<ul style="list-style-type: none"> <li>This is the sound of the indoor unit expanding and contracting due to temperature changes.</li> </ul>
	<ul style="list-style-type: none"> <li>This is the sound when the inside of the air conditioner is temporarily frozen to increase the dehumidification effect. 31 pages</li> </ul>
	<ul style="list-style-type: none"> <li>This is the sound when power is turned on and off to the outdoor unit. Even when the machine is stopped, it may be turned on to check the outdoor temperature.</li> </ul>
	<ul style="list-style-type: none"> <li>A "shaky" sound • This is the operating sound when the filter is being cleaned. dust box or If the air filter is not installed correctly, the air filter will hit internally, making the operating noise even louder. In that case, please reattach it correctly. pages 38, 44-47</li> </ul>
	<ul style="list-style-type: none"> <li>This is the sound when starting or stopping operation, or when the power central guide is adjusting its position.</li> </ul>
	<ul style="list-style-type: none"> <li>This is the motor operating sound of the airflow panel and power concentration guide.</li> </ul>
I hear a beeping sound even though I'm not doing anything.	<ul style="list-style-type: none"> <li>Are you using a smartphone for remote control?</li> </ul>

# Is it malfunctioning? 3Please check again before requesting repairs or making inquiries.

at a time like this	Please check
<p>" " is displayed on the remote control.</p>	<ul style="list-style-type: none"> <li>The battery is low. Please replace the battery. 5 pages</li> </ul>
<p>Driving type is not displayed during Eco automatic driving</p>	<ul style="list-style-type: none"> <li>Aim at the air conditioner and press the eco automatic button again.</li> <li>Retrieves and displays information from the air conditioner again.</li> </ul>
<p>Temperature and humidity are not displayed</p>	<ul style="list-style-type: none"> <li>Outside the display range, "high temperature/high humidity" or " " (low temperature/low humidity) will be displayed. Page 22 • Outdoor temperature is displayed only when Eco Auto, Cooling, Dehumidification, and Heating are set. 22 pages</li> </ul>
<p>The indoor temperature and humidity display is different from the temperature and humidity meter.</p>	<ul style="list-style-type: none"> <li>The indoor temperature and humidity displayed are a guideline (temperature and humidity around the air conditioner).</li> <li>It may differ from commercially available thermohygrometers.</li> </ul>
<p>Electricity bill is higher than expected, cheap</p>	<ul style="list-style-type: none"> <li>The electricity bill is a guideline and may differ from the actual electricity bill. • At the time of purchase, the electricity bill is set to be calculated at a unit price of 31 yen/kWh. The unit price of electricity varies depending on the contract with the power company. Please match the rate settings in your contract. page 29</li> <li>Are the date and time settings on the remote control correct? 9 pages</li> </ul>
<p>"Error" is displayed</p>	<ul style="list-style-type: none"> <li>Displayed when information from the air conditioner cannot be received correctly.</li> <li>Point the remote control at the air conditioner again for about 3 seconds. 5 pages</li> </ul>
<p>" " is blinking.</p>	<ul style="list-style-type: none"> <li>Have you set the current date and time? Page 9 • Flashes when the battery is almost empty. Please replace the battery. 5 pages</li> </ul>
<p>The operation details are different from what is displayed on the remote control.</p>	<ul style="list-style-type: none"> <li>Are you using a smartphone for remote control? Contents set by remote control</li> <li>It is not displayed on the remote control.</li> </ul>
<p>" " is displayed on the remote control.</p>	<ul style="list-style-type: none"> <li>Displays when the air conditioner is connected to wireless LAN and is operating using information learned from the cloud.</li> </ul>
<p>The CO2 concentration value is different from other CO2 concentration measuring instruments.</p>	<ul style="list-style-type: none"> <li>Even in the same room, the values may differ depending on the type of CO2 concentration measuring device and the location where it is placed.</li> <li>vinegar.</li> </ul>
<p>The CO2 concentration value is displayed as "0"</p>	<ul style="list-style-type: none"> <li>There may be a problem with the CO2 sensor. Stop operation, unplug the power plug, and plug it back in after 1 minute. If the CO2 concentration value still shows "0", please contact the store where you purchased the product.</li> </ul>
<p>The display backlight lights up even though the remote control is not touched.</p>	<ul style="list-style-type: none"> <li>If you place the remote control near electronic devices or cords, the backlight may turn on.</li> <li>there is.</li> </ul>
<p>When opening and closing the airflow panel, operation temporarily stops.</p>	<ul style="list-style-type: none"> <li>The movement of the airflow panel may stop temporarily due to the change in the center of gravity of the airflow panel.</li> <li>there is.</li> </ul>
<p>Airflow panel does not open, makes strange noises, does not close • Plasmacluster lamp (light blue) goes off</p>	<ul style="list-style-type: none"> <li>Stop operation, unplug the power plug, then plug it in again after 1 minute and restart the operation. • Is the airflow panel installed correctly and closed securely? Page 49 • There may be noise when the airflow panel operates.</li> </ul>
<p>After stopping the operation, the airflow panel does not close • Plasmacluster lamp (light blue) lights up</p>	<ul style="list-style-type: none"> <li>Internal cleaning operation is in progress. page 39</li> </ul>
<p>The airflow panel is oriented incorrectly.</p>	<ul style="list-style-type: none"> <li>During heating operation, when the temperature of the air blown out is low, the airflow panel opens diagonally to the rear.</li> <li>You may. When the wind warms up, it will open to its normal position. 15 pages</li> </ul>
<p>The airflow panel is open while the machine is stopped • Operation lamp (orange) blinks</p>	<ul style="list-style-type: none"> <li>Preheating the hot air immediately. 19 pages</li> </ul>

at a time like this	Please check
Do not send or receive Remote control does not work properly There is no display on the remote control	<ul style="list-style-type: none"> <li>Press the reset button on the remote control, set the current date and time, and then try again.</li> <li>please. Pages 5 and 9 • When the battery level is low, “ ” will be displayed, and when it is almost empty, “ ” will blink. Please replace the battery. Page 5 • Are the polarity of the battery reversed? Page 5 • Are you sure to point the remote control at the air conditioner? Page 5 • Depending on the type of fluorescent light, the signal may not be accepted. Page 5 • When the air conditioner emits a signal, remote control operations may not be accepted. Please operate the remote control again.</li> <li>• Are you configured to prevent two remote controllers from operating with one remote controller? Page 23 • Unplug the main unit's power plug, then plug it in again after 1 minute.</li> </ul>
Air volume cannot be changed	<ul style="list-style-type: none"> <li>Air volume cannot be changed when using dehumidification, powerful shot, or room drying. Page 14 • The air volume cannot be changed when the Plasmacluster air blower is used for outings. Page 16 • The air volume cannot be changed during speed operation. 18 pages</li> </ul>
Wind direction cannot be changed	<ul style="list-style-type: none"> <li>You cannot change the vertical wind direction when using a powerful shot. Page 12 • The wind direction cannot be changed when the Plasmacluster air blower is used for outings. Page 16 • The wind direction cannot be changed during foot operation. page 17</li> </ul>
temperature cannot be changed	<ul style="list-style-type: none"> <li>When using Plasmacluster ventilation, Power Shot, or room drying, do not change the temperature. you can't. pages 12, 13</li> <li>When using Eco Auto or dehumidification, the temperature can be adjusted within the range of 2.0° lower to 2.0° higher. 11 pages</li> </ul>
I can't make a timer reservation. • Are you setting the current date and time? 9 pages	
Does not correctly detect floor temperature or presence of people <small>foot sensor</small>	<ul style="list-style-type: none"> <li>Is the sensor oriented correctly? Page 32 • Is the sensor surface dirty? Page 32 • Is the open panel installed correctly? Page 42 If the panel is floating, the sensor's detection range will be narrower.</li> <li>Depending on the conditions, correct detection may not be possible. 32 pages</li> </ul>
The ceiling and walls around the indoor unit become black and dirty.	<ul style="list-style-type: none"> <li>Depending on the environment of the room, dirt and dust in the air may adhere to the ceiling or walls due to air circulation by the air conditioner or static electricity. We recommend that you also clean the area around the air conditioner frequently. You may also be able to reduce the amount of dirt and grime that accumulates by adjusting the upward air direction setting to weaken the amount of air that hits the ceiling and walls. 28 pages</li> </ul>
Red water comes out from the drain hose <small>others</small>	<ul style="list-style-type: none"> <li>Red yeast and mold can grow in the air in areas such as balconies that are wet with drainage from the drain hose, causing the drainage to appear red. Clean it with a neutral detergent.</li> </ul>
Water leaks from the outlet	<ul style="list-style-type: none"> <li>If the air filter is clogged, it may cause water leakage. Clean the air filter if it is dirty. 46 pages</li> <li>Check that water is flowing from the end of the drain hose and that it is not clogged. 7 pages</li> </ul> <p>If the problem does not improve, please contact the store where you purchased the product.</p>
I'm concerned about the noise from the outdoor unit.	<ul style="list-style-type: none"> <li>When heating, the power is increased compared to when cooling, so the sound feels louder. There may be cases. If the noise bothers you, please set the outdoor unit power to "low". 27 pages</li> </ul>

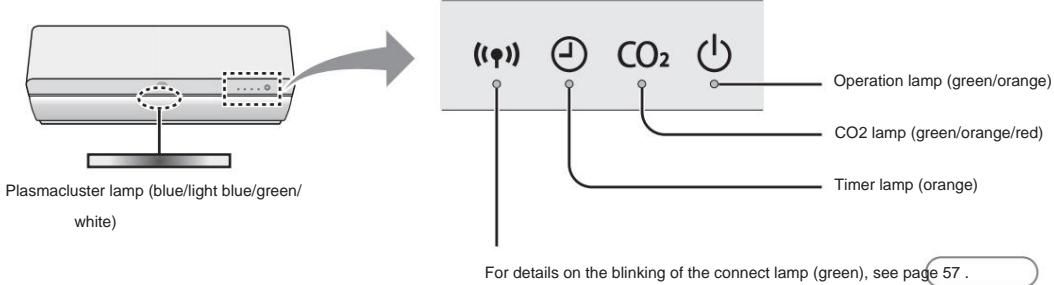
• Details are also posted on the support page.

[https://jp.sharp/support/air\\_con/](https://jp.sharp/support/air_con/)



It includes a "Fault Diagnosis Guide" that customers can easily check on their own.

# When the indoor unit lamp flashes



## Notification of air conditioner status and maintenance/replacement timing

at a time like this	Notice content
(green)	Operation lamp (green) blinks slowly Defrosting operation is performed during heating. 31 pages
(orange)	Operation lamp (orange) blinks slowly Preheating the hot air immediately. 19 pages
(light blue)	Plasmacluster lamp (light blue) blinks It's time to clean the dust box. 44 pages
(Blue)	Plasmacluster lamp (blue) flashes (at the start of operation) It's time to replace the unit. 52 pages

## Notification of parts installation problems

at a time like this	confirmation
(Blue)(Green)	Is the unit installed correctly? <a href="#">page 51</a>
(Orange) (Red) (Green)	Are the dust box on <a href="#">page 45</a> and air filter on <a href="#">page 47</a> installed correctly?
(red)	
(orange) (green)	Are the left and right smooth guides installed correctly? 43 pages

After checking, wait for at least 1 minute, then plug in the power plug and start operation again. If it still flashes, inspection and repair are required. Please contact the store where you purchased the product using the error number on page 61.

## Notify of abnormality

Unplug the power plug and check.

- Is the air filter dirty?
  - Are the air outlets and suction ports of the indoor unit or outdoor unit blocked?
  - Is the aluminum fin of the outdoor unit clogged with leaves, paper, pet hair, etc.?

After more than 1 minute has elapsed, plug the power plug back in and start operation again.

If it still flashes, inspection and repair are required

Please check the error number (below) and contact the store where you purchased the product.

## Check error number

You can check the error number when the air conditioner light is flashing.

If the light stops flashing, press the stop button 5 times in a row. (The lamp will blink for about 3 minutes)

Please check using one of the methods below.

Checking the error number using the remote control

[Example] Error number (23-4)

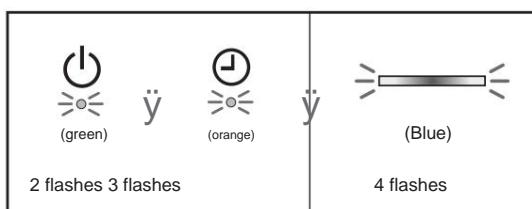


- 1**  **情報** Press three times,  
Select "Indoor/Outdoor".
  - 2** towards air conditioner  
 **決定** Press.  
•Keep the remote control facing the air conditioner.  
Receiving signals from the air conditioner.
  - 3** displayed on the remote control screen  
Check the error number.

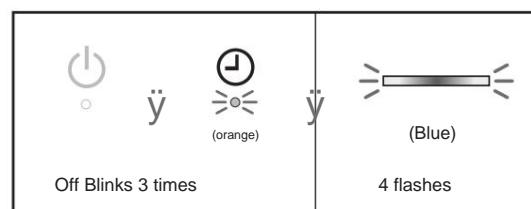
The screenshot shows a single error entry in a list. The entry consists of a vertical separator bar on the left, followed by the number '1' in bold black font, a light gray arrow pointing from the text to the number, and the text 'shows the latest error is showing.' in a gray box. Below this, there is a horizontal line with two vertical bars on either side. To the left of the line is the word '確認' (confirmation) in gray. To the right is the word 'エラー' (error) in gray. At the bottom left is a digital-style display showing '23-41' with a dashed border. A light gray arrow points from the text 'error number' to this display. The entire interface has a light gray background.

Checking the error number based on the number of blinks of the indoor unit lamp

[Example] Error number (23-4)



### [Example] Error number (3-4)



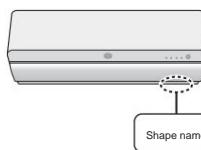
# Warranty and after-sales service

## When requesting repairs

### On-site repair

- 1** Please refer to pages 53 to 61 of "Frequently Asked Questions", "Is it malfunctioning?", and "When the indoor unit lamp flashes".
- 2** If the problem persists, stop using the product and be sure to unplug the power plug. Please inform the store where you purchased the product of the following:

•Product name: Room air conditioner  
 •Model name: Written on the nameplate at the bottom of the indoor unit or on the warranty card  
 •Purchase date (year/month/day)  
 •Failure condition (specifically)  
 •Name  
 •Address•Telephone number•Visit request Day



### useful memo

It is convenient to fill in this information when making a purchase.

### Store name

Phone ( ) - Date of purchase Year, Month, Day

### During the warranty period

•Please present the warranty card when making repairs.

We will repair the product according to the terms of the warranty.

### If the warranty period has expired •If the

product can be used after repair, please contact us at your request.

We will repair it for a fee.

### Repair fee structure

•Repair fees consist of technical fees, parts fees, travel fees, etc.

Technical fee	This fee is for properly repairing a malfunctioning product.
Parts cost	This is the cost of parts used for repairs.
Business trip fee	This fee is for dispatching a technician to the location where the product is located.

### Warranty (attached)

•Make sure to fill in the "date of purchase and store name" etc. on the warranty card before receiving it from the store. Please read the warranty carefully and keep it in a safe place. •Warranty period: One year

from the date of purchase. However, the following parts are for 5 years. Refrigerant circuit: compressor, heat exchanger, main body piping. Please read the warranty carefully as charges may apply even during the warranty period.

### Retention period of performance parts for repair

- We retain performance parts for repairing room air conditioners for 10 years after discontinuing production of the product.
- Repair performance parts are parts necessary to maintain the functionality of the product.

## Information on customer consultation desk

For inquiries or requests regarding repairs, usage, care, shopping, etc., or in the unlikely event that an accident occurs due to the product, please contact the store where you purchased the product or the contact information below.



### [Member services]

Make good use of product information by joining "COCORO MEMBERS"

By registering your favorite products as "My Home Appliances," you can easily access support information such as optional items.

### COCORO MEMBERS

[Click here to register MY home appliances](#)



<https://jp.sharp/support/sp/cocoro/cocoro.html>



### Web services that are always

conveniently available [Sharp Online Support]

For inquiries, please contact

If you have any questions or concerns, feel free to access us and we will assist you!

[sharp contact us](#) [search](#)

[https://jp.sharp/support/air\\_con/](https://jp.sharp/support/air_con/)



For repair inquiries, please contact

Request repairs and check progress online!

[sharp repair consultation](#) [search](#)

<https://jp.sharp/support/repair.html>



Please be careful not to make a mistake when calling the

consultation center for questions such as usage and care.

**Reception time** (Excluding year-end and New Year holidays) •Monday to Saturday: 9:00 to 18:00 •Sunday and holidays: 9:00 to 17:00

From a landline, call

toll-free 0120-078-178

•If toll-free number/Navi dial is not available...

telephone	FAX
<b>050 - 3852 - 5405 06 - 6792 - 5993</b>	

From your mobile

phone, dial 0570-550-449.

•1-72 Kitakameimachi, Yao City, Osaka 581-8585

Repair consultation desk

Please be careful not to make a mistake when dialing.

**Reception time** (Excluding year-end and New Year holidays) •Monday to Saturday: 9:00 to 20:00 •Sunday and holidays: 9:00 to 17:00

From a landline, call

toll-free 0120-02-4649

•If toll-free number/Navi dial is not available...

telephone	FAX
<b>050 - 3852 - 5520 06 - 6792 - 3221</b>	

From your mobile

phone, dial 0570-550-447.

•1-72 Kitakameimachi, Yao City, Osaka 581-8585

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### [Handling of customers' personal information at the consultation desk] Sharp

Corporation and its affiliated companies use customers' personal information for consultations and repairs. Personal information will be managed appropriately and will not be disclosed or provided to third parties, except when outsourcing repair work or for other legitimate reasons. For details on the handling of personal information, please refer to <https://corporate.jp.sharp/privacy/index-j.html>.

• Address, telephone number, reception hours, etc. are subject to change.

2K2106

## Regarding product labeling based on the long-term use product safety labeling system

### Contents displayed on the main unit

The Electrical Appliance and Material Safety Act is used to alert people to the risk of increased risk of harm due to deterioration over time. The required display on the right should be placed near the nameplate of the main unit. We are doing it.

### What is the designed standard usage period?

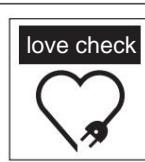
- It has been used without any safety problems since the year of manufacture against aging deterioration based on the following standard usage conditions such as operating hours and temperature/humidity. This is the standard period that can be
- The designed standard usage period is different from the free warranty period. It also does not guarantee general malfunctions.

Standard usage conditions JIS C 9921-3 Standard usage conditions for setting the standard usage period for room air conditioner design

by

		cooling	heating
Environmental conditions	Power supply	Depends on the rated voltage of the product (single-phase 100V or single-phase 200V)	
	voltage Frequency	50/60Hz shared	
	indoors	27°C (dry bulb temperature) 20°C (dry bulb temperature) 47% (wet bulb temperature 19°C) 59% (wet bulb temperature 15°C)	
	outside the room	35°C (dry bulb temperature) 7°C (dry bulb temperature) 40% (wet bulb temperature 24°C) 87% (wet bulb temperature 6°C)	
	Temperature	Standard installation according to product construction instructions	
Humidity Temperature	Humidity	Wooden one-story building, south-facing Japanese-style room, living room	
	Installation	Room size commensurate with product capacity (number of tatami mats)	
conditions Load conditions	House Room size Estimated time	112 days from June 2nd to September 21st 169 days from October 28th to April 14th	
	Number of usage days	9 hours/day 7 hours/day	
	per year (Tokyo model) Usage hours per day Usage time per year	1,008 hours/year 1,183 hours/year	

- If the installation situation, environment, or frequency of use differs from the above conditions, or if the product is used for purposes other than its original purpose, please use the There is a risk of fire, injury, or other accidents due to age-related deterioration in a period shorter than the period of use.



Inspect your air conditioner that you have been using for many years!

Do you have any of these symptoms?

- The power cord or plug is abnormally hot.
- The power plug is discolored.
- There is a burning smell.
- The breaker trips frequently.
- Abnormal noises or rattling vibrations. - There are other abnormalities or malfunctions.
- Installation parts such as mounts and hanging  
It is corroded or the installation is loose.  
•Water leaks from the indoor unit.

### Stop using

Be sure to unplug the power plug and the store where you purchased it, or Consultation desk regarding repairs Please request inspection and repair. The cost required for inspection and repair is Please consult us separately.

Recommendations for inspection and maintenance

- When an air conditioner is used for several seasons, its performance may decrease due to dirt inside, and odors and water leaks may occur.

I will. In addition to regular maintenance, we recommend inspection and maintenance (charges apply). Please consult the store where you purchased the product.

Parts and prices are current as of October 2022 and are subject to change.  
Please purchase the **separately sold item at the store where you purchased it.**  
For details, please check with the store where you purchased the product.

## Replacement plasma cluster ion generation unit

(The warranty period for the unit is 2 years from the date of purchase)

Model name: AZ-RC10W1 (1 piece)

Suggested retail price: 4,950 yen (tax included)

\*You can replace the unit yourself. sharp marketing

Japan Co., Ltd. Customer Service Company can also assist you.

However, in addition to the cost of the replacement unit, labor and travel fees will be charged separately.

For more information, please contact our repair consultation desk. 62 pages

-For AY-R80X2, two are required.

Remote controller

Part code: CRMC-B185JBEZ

Model name: 205 638 1068

Suggested retail price: 6,710 yen (tax included)

Remote control

holder type name: 205 214 1593

Suggested retail price: 1,320 yen (tax included)



## specification

Indoor unit/outdoor unit combination		Indoor AY-R22X AY-R25X AY-R28X AY-R36X AY-R40X2 AY-R56X2 AY-R63X2 AY-R71X2 AY-R80X2								
		Outdoor AU-R22XY AU-R25XY AU-R28XY AU-R36XY AU-R40X2Y AU-R56X2Y AU-R63X2Y AU-R71X2Y AU-R80X2Y								
Type power supply		Separate type, air-cooled type, combined use for cooling and heating (inverter)								
Single phase 100V•50/60Hz		Single phase 200V•50/60Hz								
	Rated capacity (kW)	2.2 (0.4 to 3.4)	2.5 (0.4 to 3.5)	2.8 (0.4 to 4.4)	3.6 (0.4 to 4.6)	4.0 (0.8 to 6.0)	5.6 (0.8 to 6.2)	6.3 (0.8 to 6.6)	7.1 (0.8 to 7.2)	8.0 (0.8 to 8.2)
cold bunch	reinforced apartment	Western-style room facing south in a steel-	17 19			28	39	43	49	55
	Approximately 15 (m <sup>2</sup> )	Wooden south facing Japanese style room 10	11	13	16	18		29	32	36
	Rated power consumption (W)	410 (75-810)	500 (75-870)	545 (75-1150)	825 (75-1250)	940 (110-1900)	1720 (110-2000)	2100 (170-2300)	2500 (170-2600)	2900 (170-2950)
	Operating current (A)	4.6 Indoor	57	5.5	5.8	8.7	4.8	8.7	10.6	12.6
warm bunch	(dB) sound power level	Operating sound	59	62	62	63	65	67	69	72
	Outdoor	55 2.5	57	57	58	61	63	65	66	69
	Rated capacity (kW)	(0.7 to 5.6)	2.8 (0.7 to 5.6)	3.6 (0.8 to 7.0)	4.2 (0.8 to 7.0)	5.0 (0.8 to 11.6)	6.7 (0.8 to 11.6)	7.1 (0.8 to 12.1)	8.5 (0.8 to 12.1)	9.5 (0.8 to 12.1)
	of area	Reinforced apartment south facing western style room	13	16	19		30	32	39	43
warm bunch	11 (m <sup>2</sup> )	Wooden south facing Japanese style room 9	Ten	13	15	18		26	31	35
	Rated power consumption (W)	430 (95-1485)	505 (95-1485)	665 (130-1980)	860 (130-1980)	1010 (120-3845)	1600 (120-3845)	1780 (120-3955)	2360 (120-3955)	2650 (120-3955)
	Operating current (A) <Maximum>	4.8 <15.0>	5.5 <15.0>	7.0 <20.0>	9.1 <20.0>	5.1 <20.0>	8.1 <20.0>	9.0 <20.0>	11.9 <20.0>	13.5 <20.0>
	Operating sound (dB) sound power level	Indoor 62	Outdoor	62	67	67	69	69	69	69
Year-round energy consumption		7.2	7.1	7.0	6.6	7.0	6.3	6.1	5.6	5.3
efficiency Category Name yyyy Ÿ Approximate floor area for Plasmacluster application (m <sup>2</sup> ) *								ÿ	ÿ	ÿ
		10	13	16	19		29	32	37	42
Mass (kg)	Indoors	17	17	17	17	18	18	18	18	18
	Outdoors	38	38	38	38	38	38	40	40	40
External dimensions Width x depth x height (mm)	798x373x295									
	Indoors	800x300x630								

- Driving characteristics are values based on JIS C 9612: 2013 (Japanese Industrial Standards).
- The operating sound displayed is the value measured in the test room. The operating noise when the product is actually installed varies depending on the surrounding environment.
- Power supply can be used for both 50/60Hz.
- Category name is a label based on the Household Goods Quality Labeling Law.
- This is a guideline for the floor area that can measure 50,000 ions/cm<sup>3</sup> or more in the center of the room (1.2m above the floor) when the product is installed on a wall and operated at "maximum air volume."
- This product is equipped with a  module marked with the Technical Conformity Mark.
- When this product is plugged in, it consumes approximately 1.2W of standby power to operate the electronic circuit.
  - When making a timer reservation (when setting Plasmacluster Patrol/when receiving CO2 notification): Approx. 1.7W • When using wireless LAN: Approx. 1.3W

## inquiry

Before contacting us, please refer to "Frequently Asked Questions" (pages 53-54), "Is it a problem?" (pages 55-59), Please check "When the indoor unit lamp flashes" (pages 60-61).

Please contact us through the customer service desk listed on page 62.



Q&A information, repair consultation, etc.  
Various support information  
there is.

[https://jp.sharp/support/air\\_con/](https://jp.sharp/support/air_con/)

## Application for air conditioner cleaning

Please contact the store where you purchased the product or Sharp Marketing Japan Co., Ltd. Customer Service Company below.

Please apply. Cleaning the inside of an air conditioner requires a high level of specialized knowledge. If you wash yourself with a commercially available cleaning agent,

This may cause water leakage, damage, malfunction, smoke, or fire, so please contact us at the number below.

Sharp Marketing Japan Co., Ltd. Customer Service  
Company

Free dial



0120-565-506

Reception time

(Excluding Sundays, holidays, and company-designated holidays)

•Monday to Saturday: 9:00 to 17:45

•Prices vary depending on conditions. Please confirm when contacting us.

•This support is provided by Sharp's domestic service company Sharp Marketing Japan Co., Ltd. Customer Service Company

(Okinawa area: Okinawa Sharp Electric Co., Ltd.) or a service provider selected by Sharp's domestic service company.

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Head Office 1 Takumi-cho, Sakai-ku, Sakai-shi, Osaka 590-8522



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