



Room air conditioner for home use

# operating instructions

RF series

Plasmacluster<sup>®</sup> 25000 \*1

Shape name

room interior machine

**AY-R22F**  
**AY-R25F**  
**AY-R28F**  
**AY-R40F**  
**AY-R56F2**

Outdoor unit

**AU-R22FY**  
**AU-R25FY**  
**AU-R28FY**  
**AU-R40FY**  
**AU-R56F2Y**



You can use your air conditioner more conveniently by connecting it to the Internet.

COCORO HOME "COCORO HOME" app download



"Product registration" 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.sharp/m/>



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### Plasmacluster

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•Application for air conditioner cleaning

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 number on this technology mark is a guideline for the number of ions per 1cm<sup>3</sup> when the product is installed on a wall and measured at the center of the room (1.2m above the floor) where the Plasmacluster is applicable to the floor area when operating at "maximum air volume".



# 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.
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## 警告 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 process. (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 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 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 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. (It may have a negative impact on the performance, quality, and lifespan of the object and may cause the air conditioner to malfunction.) • 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)

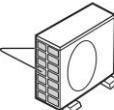


- Do not place objects or fallen leaves around the outdoor unit.  
Make it irresistible. (Insects may enter, causing malfunctions, fires, and smoke)
- When operating with combustion appliances, open windows frequently to ventilate the area. (Cause of lack of oxygen) • Place combustion appliances in a 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 the unit will not be used for a long period of 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) - Confirm in advance that even if there is a change in the wind from the air conditioner, there will be no negative impact on the room (no objects that can fly off, etc.) do. (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

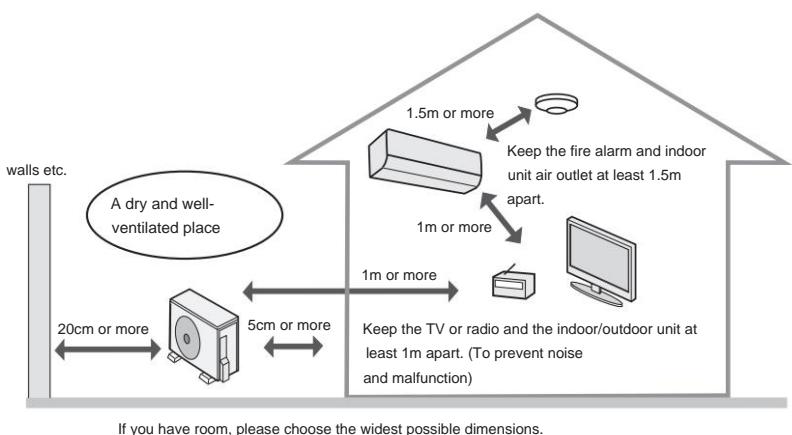
## •Avoid installing in the following locations.

- 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 or increased noise) - If you hear any abnormal 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 28, 29](#)
- After stopping operation, disconnect the power plug. Or turn off the safety breaker for the air conditioner.
- Clean each part. [Pages 30 to 36](#) •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.

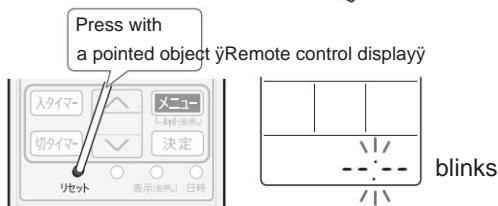
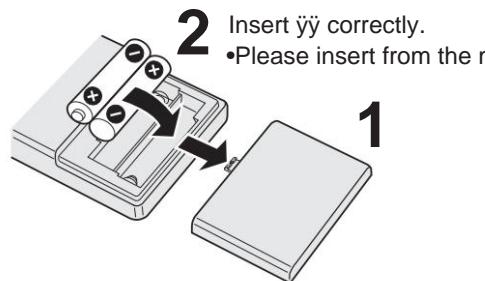
# Before use

Insert batteries into the remote control

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

**2** Insert two AAA batteries and close the lid.

**3** Open the front cover and Press the reset button. •Be sure to press this button to avoid malfunction.



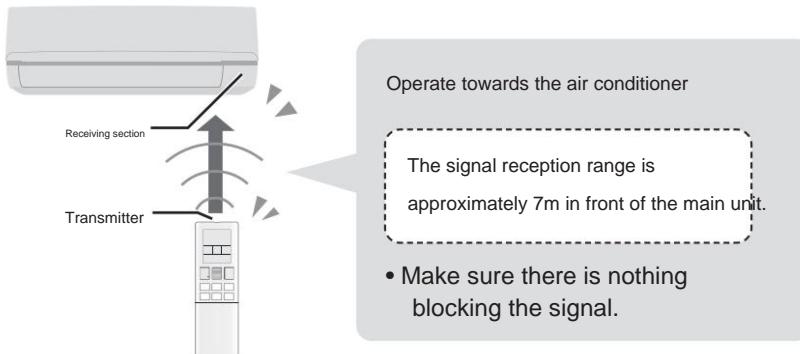
Regarding batteries •If

" " 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, please use two new AAA alkaline batteries or two manganese batteries. •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



Signal reception sound and content

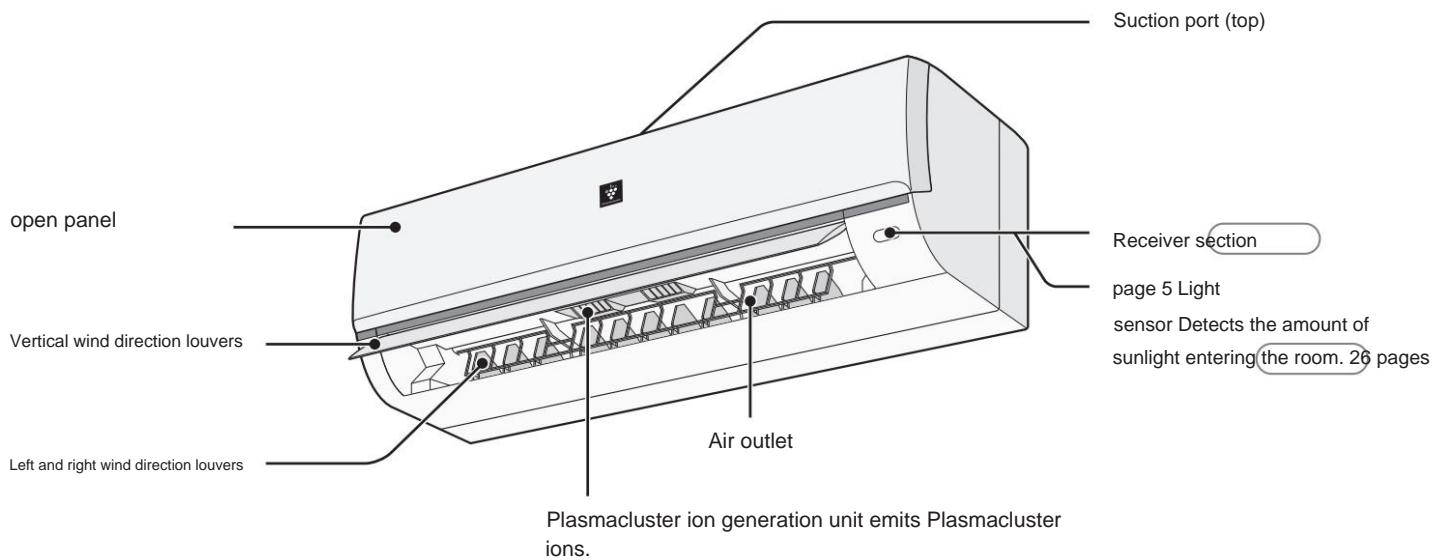
Reception sound	Notice content
P	Operation stoppage
Beep	Operation/setting/setting cancellation

**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.

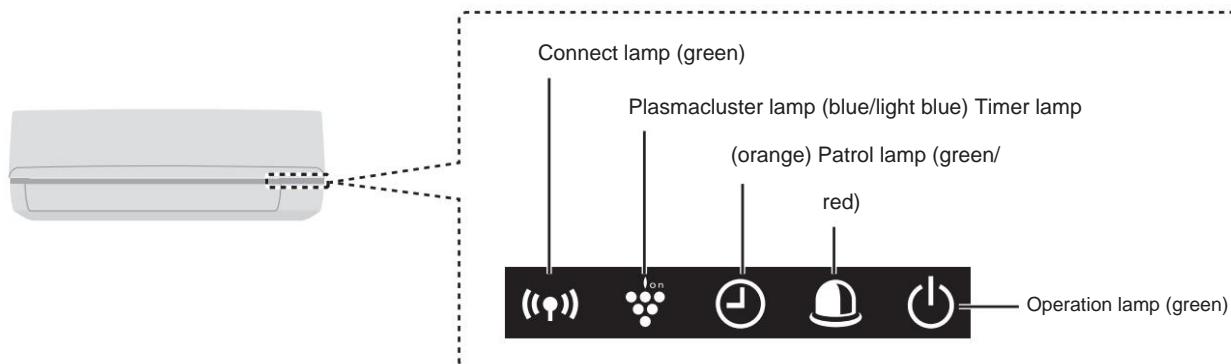
**Notice** • If you want to mount the remote control on the wall, please use the remote control holder sold separately. page 47

# Names of each part 1

Indoor unit

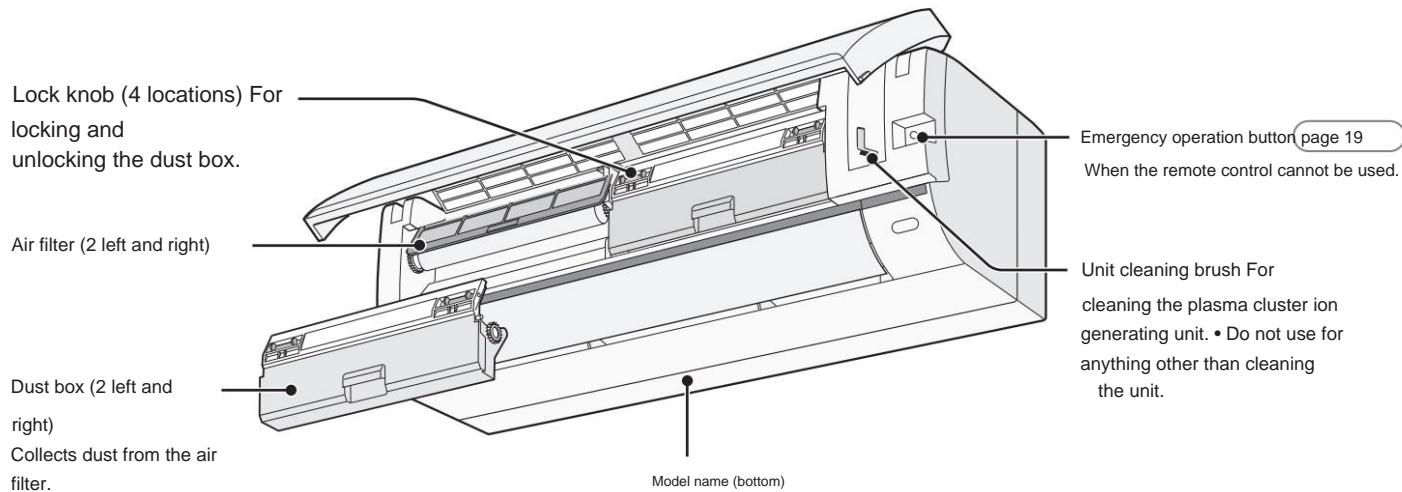
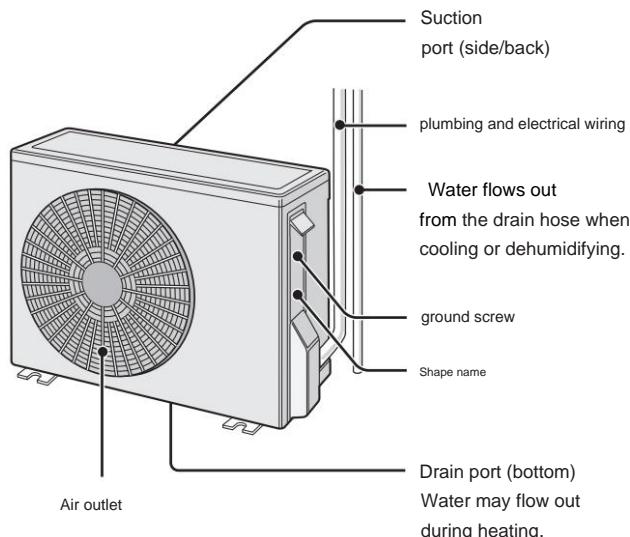


Main unit display (notification content when lit) When blinking, please refer to "When the indoor unit lamp blinks". 44 pages



lamp	color	Notice content
	green	driving
	Green	Plasmacluster Patrol setting in progress
	Red	Plasmacluster Patrol in operation
	orange	Timer reservation in progress
	Blue	Plasmacluster ions are being released
	light blue	Plasmacluster Patrol (internal mode) operating page 27 Filter cleaning/internal cleaning page 28, 29
	Green	Air conditioner and wireless LAN access point (router) are connected Pages 22 to 25

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

**Outdoor unit****accessories**

ŷ Remote control



ŷ AAA batteries (2)



ŷ Instruction manual (this book)\*

ŷ Construction manualŷ

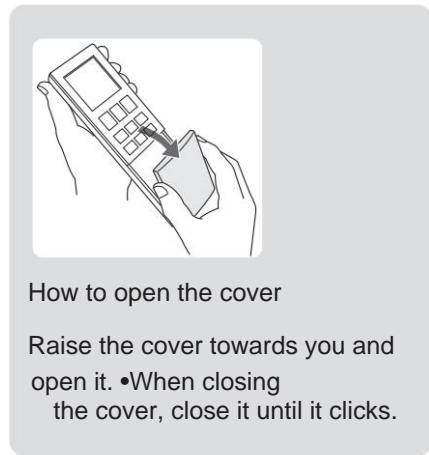
ŷ Warranty

\*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



Plasmacluster pages 12 and 13 Deodorize and purify the air with Plasmacluster ions.

Dehumidification page 10, 11

Cooling page 10

Going out page 18 When going out while driving.

Stop page 10

Vertical wind direction page 15

Filter cleaning page 28

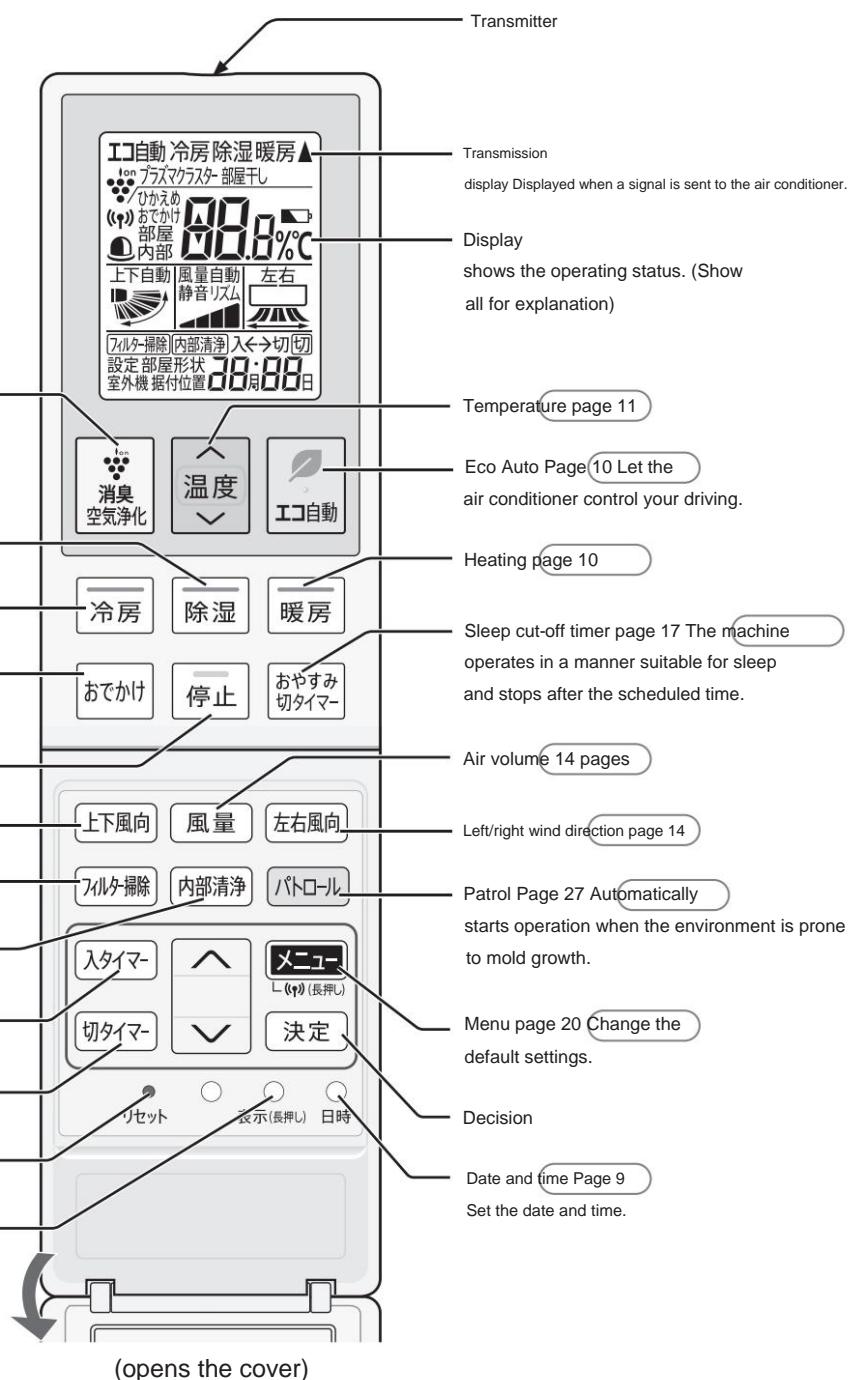
Internal cleaning page 29

On timer page 16

Off timer page 16

Reset 5, page 19

Display page 19



# 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, etc. to work correctly.

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

**Press **日時****

**Display "Settings"**  
"Year" will flash.

**Press 2 to set the year.**  
**決定** Press.

**2 and**  
3 "Month", "day", "hour", and "minute" are also steps

**The "year" is set and the "month" flashes.**

**The "month" is set and the "day" flashes.**

**The "day" is set and the "hour" flashes.**

**The "hour" is set and the "minute" flashes.**

**The minutes are set and the clock starts running.**

**"Settings" is off**

**Press and hold • to fast forward.**

• If you press the date and time button during the process, the settings will be completed and the clock will start running. • If you make a mistake, please start over from step 1.

**notice**

- You cannot make a timer reservation unless you set the current date and time.
- You cannot set the current date and time while the timer is being reserved.

## Set the room shape and installation location

For proper ventilation adjustment, please set the settings according to your room. [pages 20, 21](#)

# Driving (basic operations)

If you want to know more, please see page 26.

**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.

- 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.

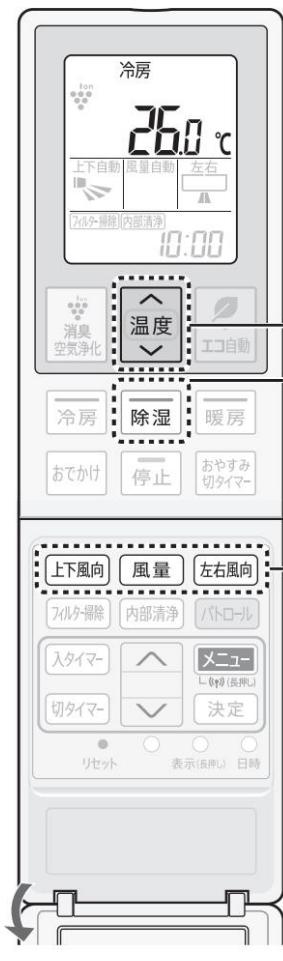
- After stopping, it automatically cleans the filter and cleans the inside. [pages 28, 29](#)

**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. [pages 20, 21](#)



## change temperature

温度

Press.

&lt;Cooling/Heating&gt;



- Setting range Cooling: 18.0~32.0 Heating: 15.0~32.0

It changes by 0.5.

&lt;Eco automatic/dehumidification&gt;



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

How to use

## Change humidity (dehumidification only)

除湿

Press.



- Humidity that can be set: 50% ~ 55% ~ 60%

It changes by 5%.

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

## Air flow:

風量

Press.

Vertical wind direction:

上下風向

Press.

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

Left and right wind direction:

左右風向

Press.

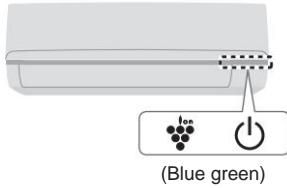
# plasma cluster operation

Plasmacluster ions deodorize and purify the air.

that cleans the air in your room

driving

Purify the air in your room with Plasmacluster ions.

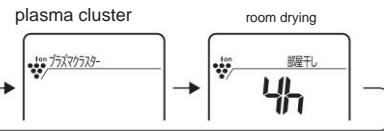


Press and select "Plasmacluster".



Estimated electricity bill:  
approximately 0.6 yen/hour  
(when air volume is set to "Auto")  
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.



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

when to stop



•After stopping, it automatically cleans the filter and cleans the inside. (pages 28, 29)

This air conditioner is equipped with Plasmacluster 25000\*1. Plasmacluster is a technology that purifies the air with the same positive and negative ions found in nature. You can check the effects of Plasmacluster air conditioners on our website.



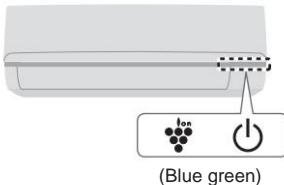
\*1 Please refer to the notes on the cover.

<https://jp.sharp/aircon/plasmacluster/>

## Drying laundry

driving

It dries laundry and reduces unpleasant odors with Plasmacluster ions.



1



Press and select "Room Drying".



•Changes each time you press the button.



2



Press to select the driving time.



•Displays the remaining driving time in 1 hour increments.

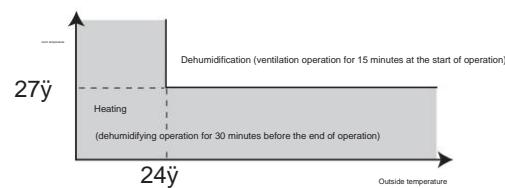
•Choose from 2, 3, 4, 5, or 6 hours.

### when to stop

停止 Press.

•After stopping, it automatically cleans the filter and cleans the inside. pages 28, 29

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.



(opens the cover)

**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



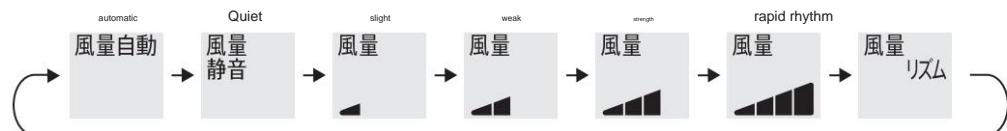
Air flow

**風量** Press to select.

Eco automatic/cooling/heating



plasma cluster air blower



•The air volume cannot be changed when dehumidifying or drying the product indoors.

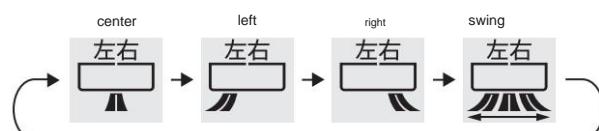
automatic	cooling heating It stays strong until the room reaches the set temperature, and then becomes weaker. plasma cluster air blower The air volume will be set to "weak".
-----------	---

Quiet Operates quietly by reducing air volume.

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

rhythm Change the air flow in a rhythmic manner with a low air flow to soften the wind blowing against your body.  
To do.

Left and right wind direction

**左右風向** Press to select.

Note When 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.

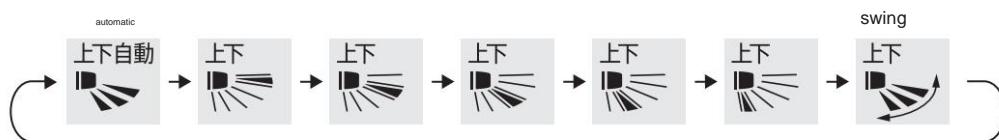
Notice • Depending on the indoor environment and installation conditions, condensation may form near the ceiling during cooling. At that time, there was a wind on the ceiling  
Please adjust the wind direction so that it does not hit you.

- If the air conditioner is installed at the end of the room, be sure to change the installation position settings. pages 20, 21  
Adjust the angle of left and right wind direction. When the installation position is set to "left" or "right", even if the left/right wind direction is set to "center",  
The left and right wind direction louvers are not in a straight direction.

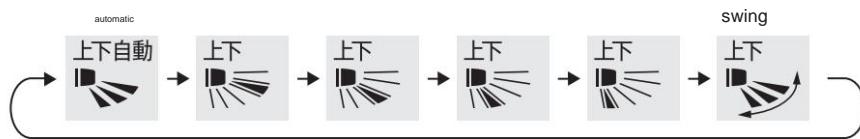
Vertical wind direction

**上下風向** Press to select.

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



room drying

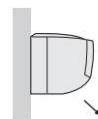


- If the air conditioner is installed at a height within 10 cm from the ceiling, the diagonal ( ) setting will cause the air to blow too high. Therefore, other settings are recommended.

- The vertical wind direction display on the remote control is a guide for selecting the wind direction and may differ from the actual air outlet position or wind direction.

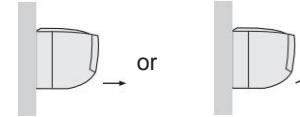
How to use

At the  
start of cooling operation



Blows out diagonally downward.

When the room approaches the set temperature

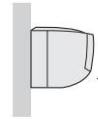
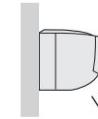


Air is blown horizontally or diagonally upward toward the ceiling to prevent cold air from hitting your body directly.

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

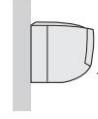
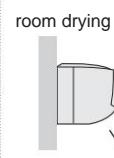
Automatic up and down

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

Blows out  
diagonally upward.Blows out  
diagonally downward.

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

Dehumidification/Plasmacluster ventilation

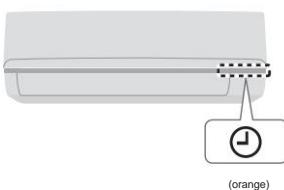
Blows out  
diagonally upward.Blows out  
diagonally downward.

# use a timer

Please make sure the current time is correct before making a timer reservation. 9 pages

to start/stop at scheduled time

Under reservation



•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.

•“On” or “off” will flash.



**2** Press **[▲▼]** and set the reservation time.



•Changes in 10 minute increments. •Press and hold to fast forward. •Driving type and settings You can change the temperature, etc.

**3** towards air conditioner **[決定]** Press.



•You will hear a beep and your reservation will be completed.

When canceling a reservation

**[入タイマ]** or **[切タイマ]** Press.

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

When changing the reservation time

**[入タイマ]** or **[切タイマ]** Press,

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 control remains as it was before the power outage.)

• The timer can only be set once, so you need to set a reservation each time. • The on-timer usually starts running at least one hour before the scheduled time so that the temperature reaches the set temperature at the

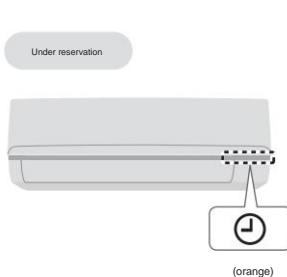
scheduled time. However, when the outside temperature is low, it may be an hour or more earlier. •

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.

• After stopping with the sleep cut-off timer or cut-off timer, it will automatically start filter cleaning and internal cleaning. (If "Automatic filter cleaning" and "Automatic interior 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 the 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. • Owing driving cannot be set while the sleep cut-off timer is on.

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



while driving



Press to select the time until stop.

•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)



•Displays the remaining time until stopping.



When canceling a reservation



Press.

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

When changing reservation time



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° after 3 hours. When heating, the temperature will be lowered by 2° 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 Make a reservation  
at 18:30 using the entry timer .



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



A combination of on and off is also possible.

### 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.



- 2 Make a reservation  
at 7:30 using the entry timer .



•On the remote control 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.

# Outing driving where you go out while driv

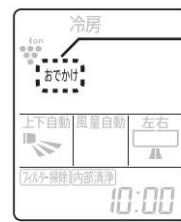
Set the temperature conservatively during operation so that the room temperature after returning home is not significantly different from before going out. Recommended when you go out for a while.



During eco automatic/cooling/heating operation

**おでかけ** Press.

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



Display "Outing"

When returning to original operation

**おでかけ** Press.



\"Outing\" is turned off

About outing driving •When using

eco-automatic driving

The set temperature increases by 1° when cooling and decreases by 1° when heating.

•During cooling operation,

the set temperature is gradually raised, up to a maximum of "set temperature + 5°". (The upper limit of the set temperature is

30°)

•During heating

operation , the set temperature is gradually lowered to a maximum of "set temperature -5°".

(The lower limit of set temperature is 15°)

Notice • Temperature cannot be changed using the remote control.

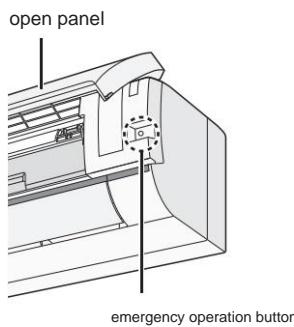
• If the difference between the outside temperature and the set temperature at the start of operation is small, operate without changing the set temperature too much.

# In times like this

## When the remote control doesn't work

To purchase a remote control, see page 47.

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 panel



Press.

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

### when to stop



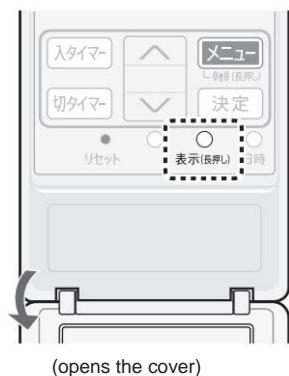
Press.

#### Note •

While driving, press and hold the emergency operation button for more than 5 seconds to enter forced cooling operation (used when relocating or disposing of the air conditioner) and the operation lamp will flash. In this case, briefly press the emergency operation button to stop the operation.

## When you are concerned about the brightness of the main unit lamp

You can dim the main unit lamp. (The plasma cluster lamp will turn off and other lamps will become dark.)



towards air conditioner

○ Press and hold for about 1 second.  
表示(長押し)

When returning to the original brightness

○ Press and hold for about 1 second.  
表示(長押し)

#### notice

- Even if you set it, the Plasmacluster lamp will dimly light or blink in the following cases. • Filter cleaning/internal cleaning in progress
- 44 pages of notices regarding maintenance timing, etc.

## 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 4



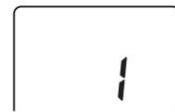
Within 30 seconds, bring it close to the receiver of the main unit.



Press. (You will hear a beep and the setting is complete.)

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

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



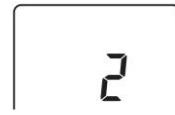
### Five

Set the current date and time. 9 pages

#### Note •

When you replace the batteries in the remote control or press the reset button, the settings will return to the initial settings. Please set again.

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



# Changing the default settings

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



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

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

**2** Press to select the settings.

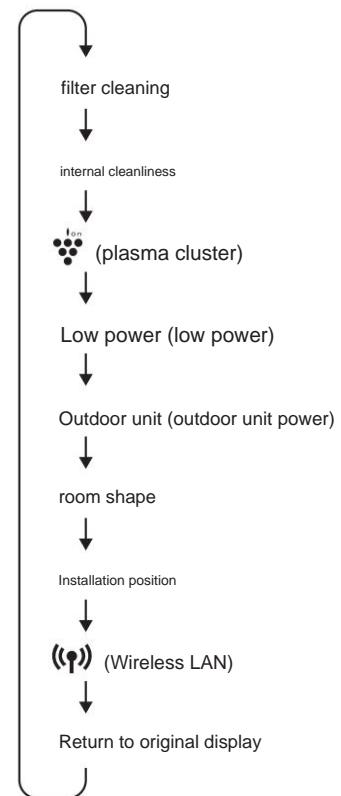
- The settings change each time you press the button.

**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 original display will return.

When canceling an operation

Press.



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.

- Outdoor unit power •Room shape •Installation position •Wireless LAN

menu item	Setting details (*Default settings)		
filter cleaning	<p>"Enter" *      "cut"</p>		After stopping the operation, filter cleaning will start automatically. <span style="border: 1px solid black; padding: 2px;">28 pages</span>
internal cleanliness	<p>"Enter" *      "cut"</p>		After stopping the operation, internal cleaning will automatically start. <span style="border: 1px solid black; padding: 2px;">page 29</span>
 (plasma cluster )	<p>"Enter" *      "cut"</p>		Emit Plasmacluster ions during Eco Auto, cooling, dehumidification, and heating operation.
Low power (low power)	<p>"Enter"      "Cut" *</p>		<p>During eco automatic mode, cooling, dehumidification, heating, and room drying, the maximum operating current is reduced to approximately 50%. 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). * Depending on the conditions, there may be no difference in power consumption compared to normal operation. * When set to "On", "Hikaeme" will be displayed on the remote control while driving.</p> <p>will be done.</p>
Outdoor unit (outdoor unit power)	<p>"Standard" * "Low"</p>		If you are concerned about the operating noise of the outdoor unit, lower the power. * If you set it to "low", it may take some time to reach the set temperature as it limits the capacity. * If the room temperature is close to the set temperature, the operating noise may not decrease even if you set it to "low".
room shape	<p>"Square" * "Vertical length" "Horizontal length"</p>		You can choose the shape of your room. * Automatically adjusts air volume according to the shape of the room. "Vertical length" "Horizontal length" When the vertical length is 1.5 times or more the horizontal length. When it is 1.5 times or more.
			"Square" In cases other than the above.
Installation position	<p>"Center" * "Left"      "right"</p>		<p>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. "Right" When the distance between the right edge of the air conditioner and the right wall is within 50 cm.</p>
			Within 50cm
 (Wireless LAN)	<p>"Enter"      "Cut" *</p>		<p>When set to "On", you can use the stopped wireless LAN function again.</p> <p>* If you want to stop the wireless LAN function, please do so.</p> <p>* Even when the wireless LAN function is set to "On", the remote control display shows "Off". Check the connection status with the connection lamp (green) on the main unit.</p>

# 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

### 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.

### Wireless LAN access point (router) Hereafter referred to as "router"

- Please use a router that supports the 2.4GHz band (IEEE802.11b/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.

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

tablet devices (as of October 2022)

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

### 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\\_b01\\_z01.pdf](https://jp.sharp/support/cloud/adapter/license_b01_z01.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 your 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" → "New member registration" → COCORO ID and password to log in



4 Click "Go to timeline screen"



#### 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

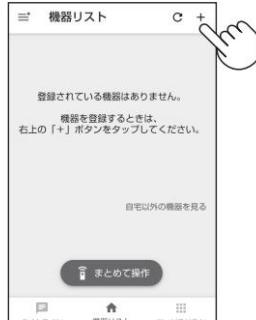
### Initial settings 2 Wireless LAN connection and air conditioner registration

Operate your smartphone near the air conditioner.

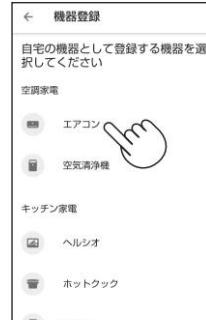
1 Tap "Device List" at the bottom of the screen



2 Click the "+" on the top right of the screen



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



Initial settings are complete  
4 Tap "Next"



(Connection may take some time)

If this screen appears



Tap "Cancel".

### use the app

"COCORO HOME"  
Tap



Tap "Device list" at the bottom of the screen

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



# Operating the air conditioner with your smartphone 2

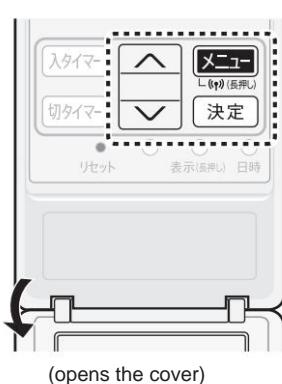
## What I want you to know

- 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.
- there is.
- 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.



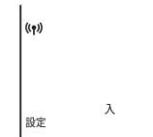
**1 メニュー** Press and hold for 3 seconds.

• 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).

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



## 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** If the connect light flashes, within 2 minutes **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

When using wireless LAN, be sure to read the following information and the instruction manual for your router to use it correctly. The Company shall not be held responsible for any damage sustained by the customer or a 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 has a built-in wireless module that has been certified to comply with technical standards as wireless equipment for wireless stations in low-power data communication systems based on the Radio Law. • 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.
- Bluetooth®, a wireless communication device that uses the same frequency band (2.4GHz) as this product, and other specified low-power wireless devices. Functionality may be limited if used nearby. 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 service may become unusable.

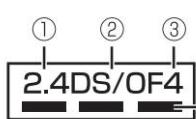
The frequency band used by this product is applicable to industrial, scientific, and medical equipment such as microwave ovens, as well as in-plant wireless stations for mobile object identification (wireless stations requiring a license) used in factory production lines, and specified low-power Radio stations (radio stations that do not require a license) and amateur radio stations (radio stations that require a license) are operated. ♪ Before using this product, confirm that there are no in-plant radio stations for mobile object identification, specified low-power radio stations, or amateur radio stations operating nearby. ♪ In the event that this product causes harmful radio wave interference to a premises radio station for mobile object identification, immediately change the frequency used by the router or stop emitting radio waves, and then Please contact us from the Sharp Air Conditioner Support Page (back cover) to discuss measures to avoid interference.

♪ In addition, this product has caused harmful radio wave interference to specified low-power radio stations for mobile object identification or amateur radio stations. If you have any trouble, please contact us from the Sharp Air Conditioner Support page (back cover).

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

- IEEE802.11b/g/n

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



① ② ③ ④  
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. ♪ It means that the entire band is used and the band of the mobile object identification device can be avoided. ♪ Precautions regarding use of personal information (security related)

- If you are using a wireless LAN device, there is a possibility that it may be intercepted as radio waves are used regardless of encryption settings. There is.
- Wireless LAN uses radio waves to exchange information between the product and the router, so it can be used anywhere within the range of radio waves. The advantage is that you can freely connect to a LAN. On the other hand, since radio waves can reach all locations within a certain range, overcoming obstacles (such as walls), there is a possibility that the contents of the communication could 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 24 . • If the device has been transferred to you by a third party, please initialize the device's wireless LAN function (page 24) to prevent unauthorized access by the third party.

## ♪ Others

- 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. It is not possible to communicate with routers set to channels other than these.

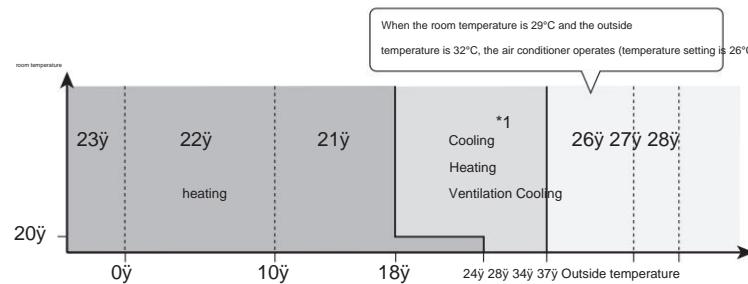
# When you want to know more

## 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 based on 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.

- In early spring, set the heating temperature 1°C lower, and in early autumn, set the air conditioner temperature 1°C higher.
- When the humidity in the room is high during summer or the rainy season, the system switches from cooling to dehumidifying.

During operation, the air conditioner maintains comfort and saves energy according to the situation\* • Prioritizes operation efficiency and uses slightly less power at startup than during normal cooling/heating. • The set temperature is automatically adjusted, taking into account that the perceived temperature varies depending on the humidity. • The light sensor detects changes in sunlight and automatically adjusts the set temperature. \*2 AY-R40F (4.0kW type) in our test room (14 tatami)

Cumulative energy consumption when operating for 1 hour indoors with an outside temperature of 35°C and no sunlight: 573Wh when running with eco automatic (cooling) set, 912Wh when operating with cooling set to 26°C When operating for 1 hour indoors with an outside temperature of 2°C and sunlight Accumulated power consumption: 1,217Wh when running eco-automatic (heating), 1,412Wh when running with heating set to 23°C

## cooling

- No wind will come out for about 1 minute after the start of operation.  
(To prepare for blowing cold air and to soften the odor inside the air conditioner that comes out with the wind)

- 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, dehumidify by lowering the room temperature; if it is low, dehumidify without lowering the room temperature too much.)
- In order to prevent the room temperature from dropping below the temperature selected by the air conditioner, the air may start or stop blowing. - By temporarily freezing the inside of the air conditioner, even in situations where the humidity is difficult to reduce, such as when the room temperature is low.  
Increases dehumidification effect.

## Heating • When starting operation, there may be no air flow for a while as the unit prepares to blow out hot air.

- Since it absorbs heat from the outside air and brings it into the room for heating (heat pump method), when the outside temperature drops, it becomes difficult to warm up. In that case, we recommend using it in conjunction with other heating equipment. • 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 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)

Defrosting operation in progress



Blinking slowly (green)

## Operating conditions

Cooling operation outside temperature: approx. 21°C or more, approx. 46°C or less	Room temperature: approx. 21°C or more
Dehumidification operation: outside temperature approx. 16°C or more	Room temperature: approx.
18°C or more	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 on the left, the protective device may activate and you may not be able to operate the machine. • When the humidity is 80% or higher, dew may form on the air outlet, etc., and water droplets may fall if you operate the air conditioner or dehumidify for a long time.

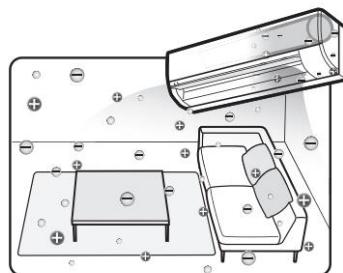
# automatically suppresses mold

While stopped, if the environment in the room or inside the air conditioner becomes conducive to mold growth, it will automatically start operating.

(\*Temperature 20°C or higher, humidity 70% or higher)

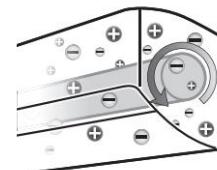
## room mode

Prevents mold in your room and inside the air conditioner. If the room becomes an environment where mold is likely to grow while the machine is stopped, Plasmacluster ventilation will automatically start.



## internal mode

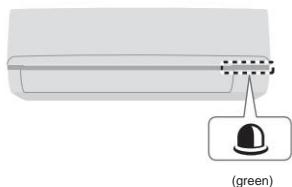
Prevents mold inside the air conditioner. When the air conditioner is stopped and the environment inside the air conditioner becomes conducive to mold growth, the fan is operated in reverse rotation to spread Plasmacluster ions inside the air conditioner.



setting up

**パトロール** Press to select the mode.

•Changes each time you press the button.



(opens the cover)

Plasmacluster patrol in operation	
room mode	internal mode
 • Vertical wind direction louver: slightly open	 • Upper/lower air direction louver: Leave it closed • If the inside of the air conditioner is not dry, open the upper/lower air direction louver upwards and operate to blow air for approximately 90 minutes.

Care

**When canceling settings**

**パトロール** Press and select “Cancel”.

•The patrol lamp on the main unit will turn off.

**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 during Plasmacluster Patrol operation, it will stop temporarily, but I will resume driving immediately. If you want to stop, please cancel the setting with the patrol button.

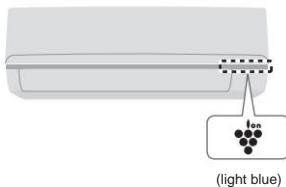
# Filter cleaning operation

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 pages 20 and 21 )

## About automatic filter cleaning

Driving time: about 5 minutes

### Cleaning the filter



Filter cleaning starts automatically after the air conditioner stops operating.



Estimated electricity bill:

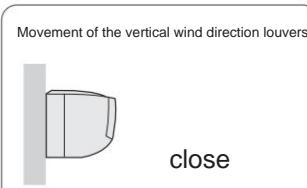
approximately 0.04 yen

Calculated using a standard electricity rate unit price of 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 upper and lower air direction louvers will not close.) After cleaning is completed, operation will resume.

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

**フィルタ掃除** Press.



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 before cleaning. 34 pages

- Please periodically throw away the dust that accumulates in the dust box during the filter cleaning operation. Page 32 • 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.

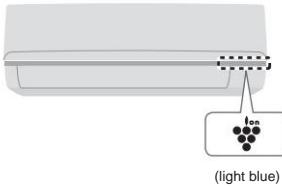
## Internal cleaning operation

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 pages 20 and 21 )

### About automatic internal cleaning

Driving time: Approximately 20 to 90 minutes

Internal cleaning in progress



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

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



Estimated electricity bill :

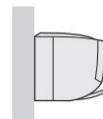
approximately 0.3 to 2 yen

Calculated using a standard electricity rate unit price of 31 yen/kWh (tax included)  
(according to the Home Appliance Fair Trade Association)

#### Internal cleaning operation details

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

Movement of the vertical wind direction louvers



upward

	Operation before stopping	Internal cleaning operation details	
•	•Cooling •Dehumidification •Room drying	Approximately 70 minutes to approximately 90 minutes	Air blowing operation or heating operation (up to 10 minutes)
•	•Heating •Plasmacluster ventilation	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 • regardless of the operation before the stop. •Automatic internal cleaning will not be performed when the operating time is less than 1 minute.

### Perform internal cleaning operation manually

Driving time: Approximately 70 to 90 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.

Care

while stopped

**内部清浄** Press.



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



(opens the cover)

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. •

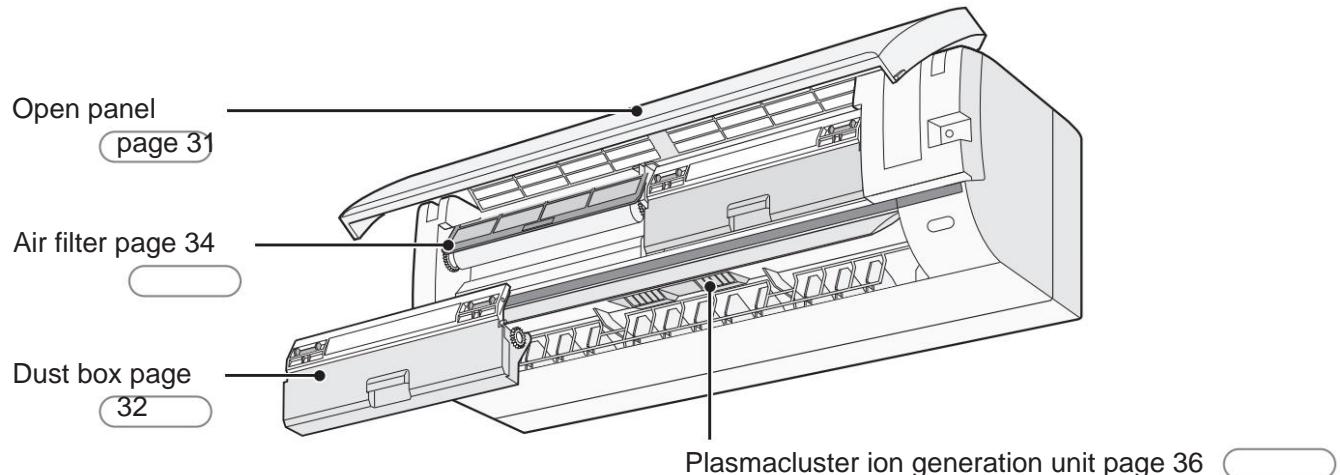
During internal cleaning operation, heating operation is performed depending on the situation, so the room temperature may

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

# 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)



thinner benzene



Polishing powder



Disinfectant/  
deodorizer



Insecticide



Bleach, acidic, alkaline  
detergent



Hard side of  
scrubber/sponge



Hot water over 40°

Do not dry with the following (this may cause 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



## Open panel <If you are concerned about dirt>

Open panel Wipe gently with a soft cloth.



If it is very dirty, you can remove it and wash it with water.

Rinse with water and wipe gently with a soft sponge or cloth, then dry thoroughly in the shade.

(Remaining water may cause electric shock)

### How to remove it

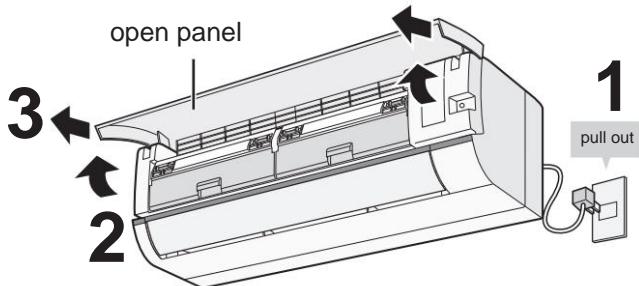
#### 1 Stop operation and pull out the power plug

#### 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.

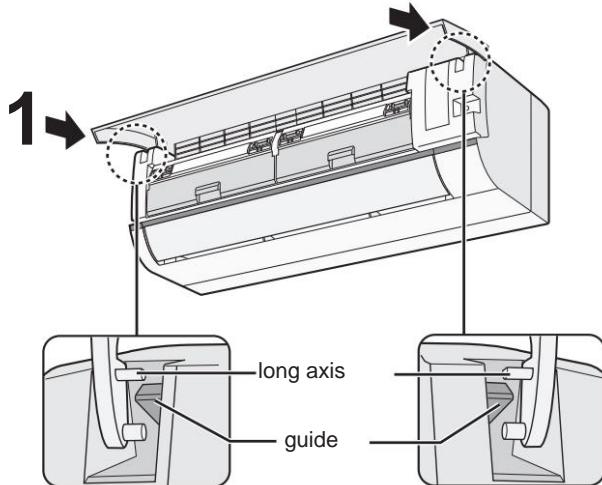


### How to wear it

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

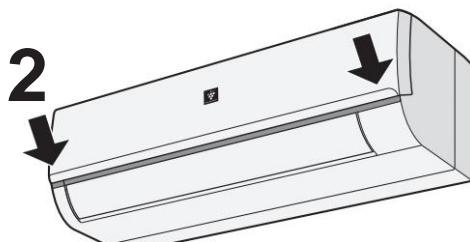
• Align the longer shaft to the top of the guide.

Push in both left and right until you hear a "click" sound.



#### 2 Close the open panel

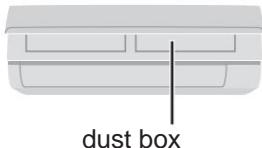
• Close both left and right ends until you hear a "click" sound, then press the center to securely close.



Care

# How to care 2

## 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 care sign

When the cumulative operating time reaches approximately 10,000 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.



Flashing (light blue)

### How to remove/How to dispose of dust

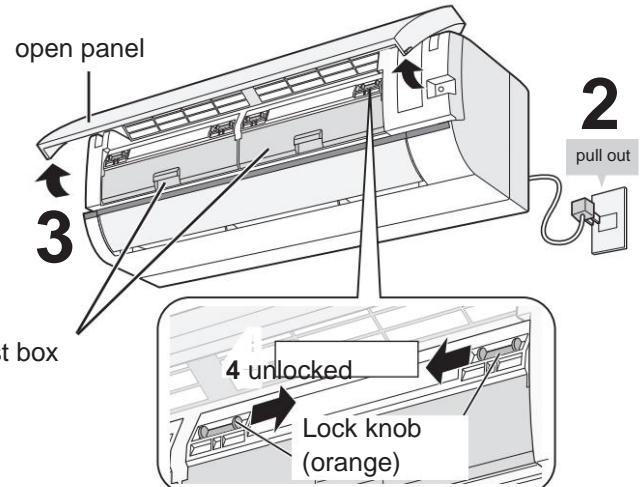
#### 1 Stop operation

- 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

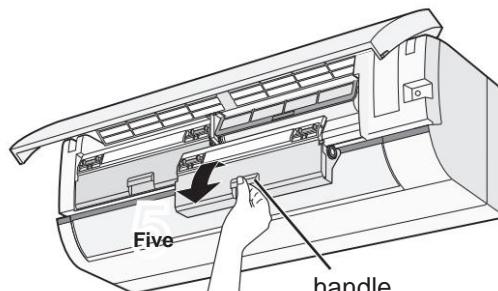
#### 3 Open the open panel

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

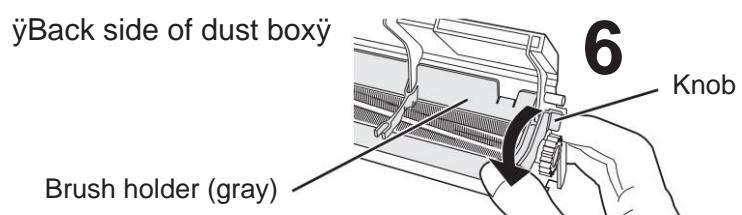


#### 4 Unlock the dust box

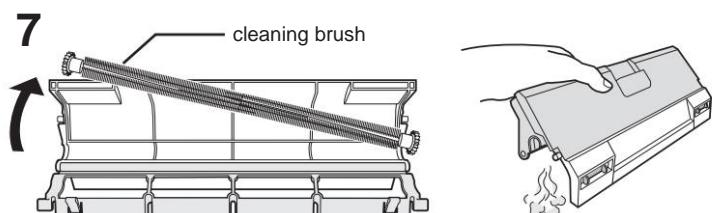
- Orange lock knobs (2 places on the left and right) Slide it inward until you hear a "click" sound.



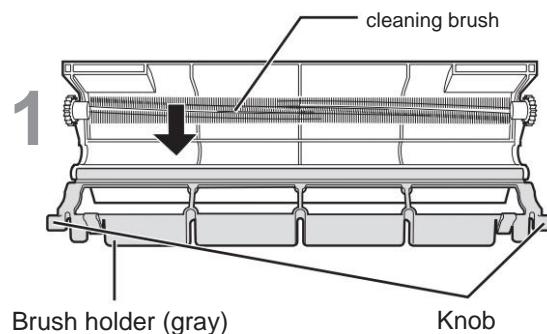
#### 5 Hold the handle and open the dust box.



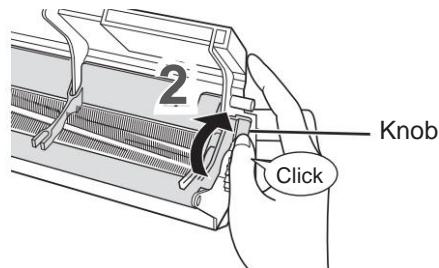
#### 7 Remove the cleaning brush and throw away accumulated dust. •Remove any dust stuck to the cleaning brush.



## How to attach/Reset the cumulative operating time

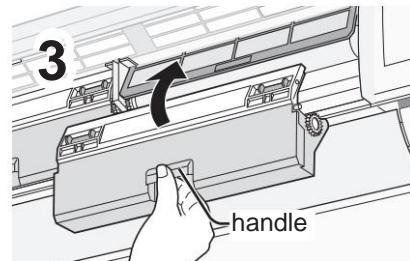
**1 Attach the cleaning brush****2 Close the brush holder (gray)**

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

**3 Hold the handle and open the dust box.**

Installation • There

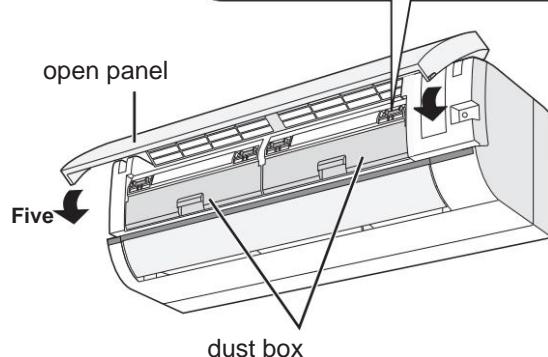
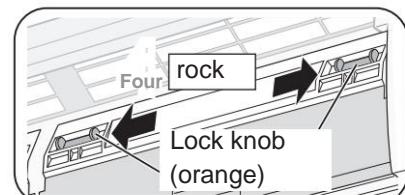
is no difference between left and right.

**4 Lock the dust box**

- Orange lock knobs (2 places on the left and right)  
Slide it outward until you hear a click.

## please note

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

**5 Close the open panel**

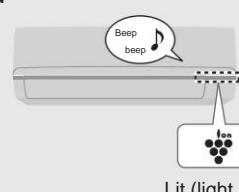
- Close both left and right ends until you hear a click,  
then press the center to securely close.

**6 Reset the cumulative operating time**

ŷ Insert the power plug. ŷ Open the cover of the remote control and press and hold for 5 seconds while it is stopped.

ŷ  Press.

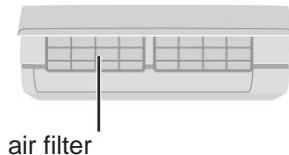
- You will hear a beep and the filter cleaning operation will start. After 5 seconds, you will hear a beep and the total operating time will be reset. (The lamp will change from flashing to lit.) • If the lamp is flashing, the cumulative operating time has not been reset. Press the stop button and repeat step ŷ again.



Care

# How to care 3

## Air filter <Once every 6 months>



Vacuum the dirt, wash with water, and dry thoroughly in the shade.

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

•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

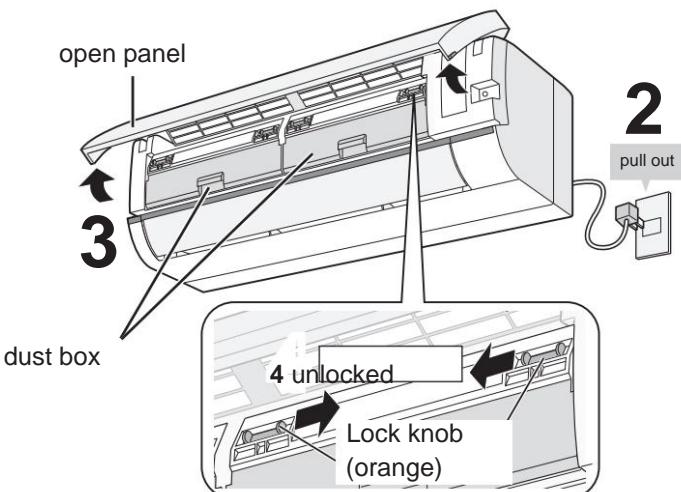
#### 1 Stop operation

- 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

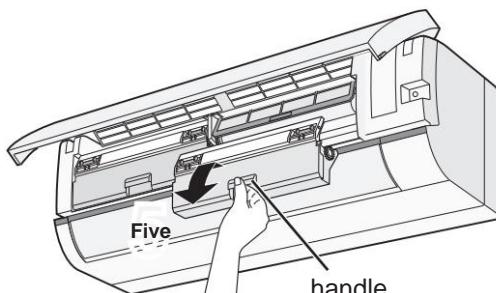
- Hold the left and right sides and pull it up toward you.



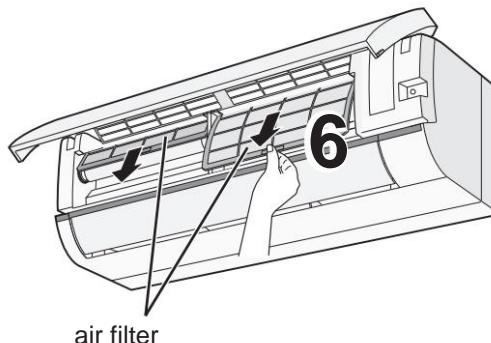
#### 4 Unlock the dust box

- Orange lock knobs (2 places on the left and right) Slide it inward until you hear a "click" sound.

Hold the handle and pull the dust  
box toward you.



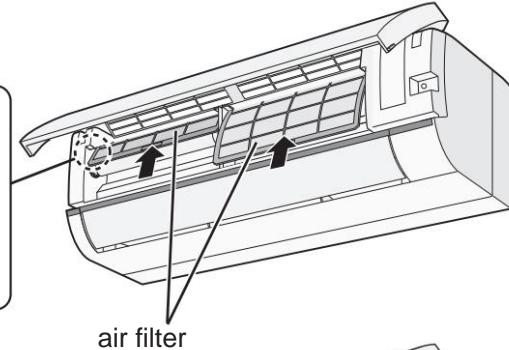
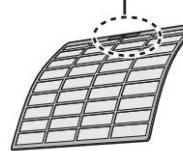
#### 6 Pull the air filter down and remove it.



##### please note

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

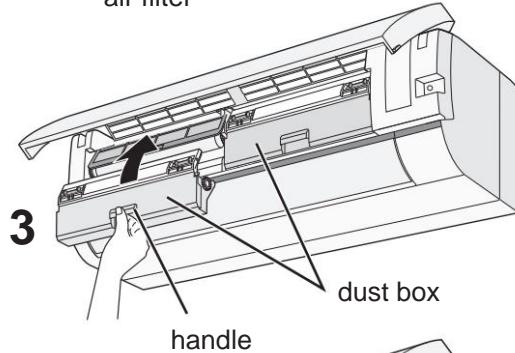
How to wear it

**1Check the front of the air filter****1Front Insertion direction****2Insert the air filter**

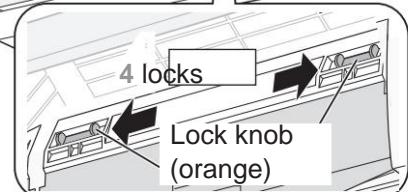
- Insert along the insertion slot and push it all the way in.
- Can be inserted regardless of its orientation.
- There is no distinction between left and right.

**3 Hold the handle and open the dust box.**

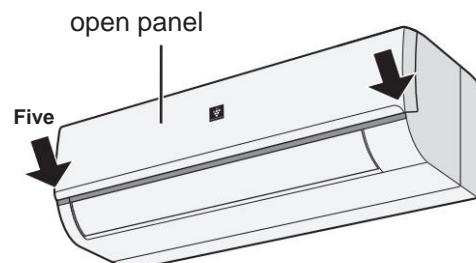
- There is no distinction between left and right.

**4Lock the dust box**

- Orange lock knobs (2 places on the left and right) Slide it outward until you hear a click.

**5Close the open panel**

- Close both left and right ends until you hear a click, then press the center to securely close.



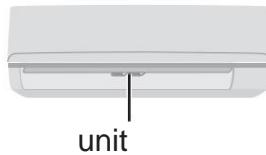
please note

- If the air filter or dust box is not installed correctly, it may cause the filter cleaning to malfunction. It will be.

Care

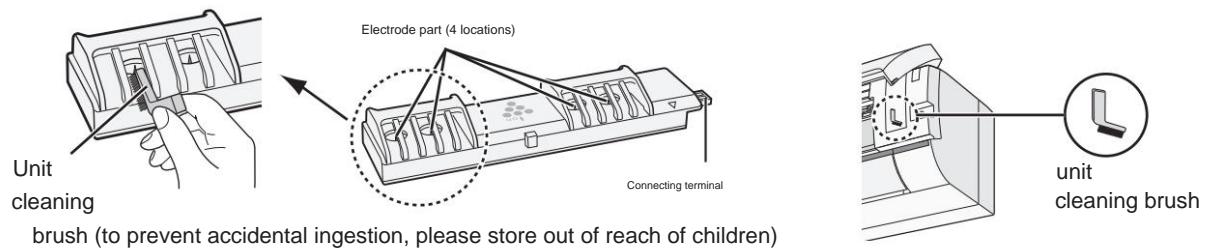
# How to care 4

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



### Remove dust and deposits from the electrode section

Please use the included unit cleaning brush or a commercially available cotton swab. If the dirt is difficult to remove, use a cotton swab with the tip slightly dampened with water to clean it. Please clean it regularly to ensure stable release of high concentration Plasmacluster ions.

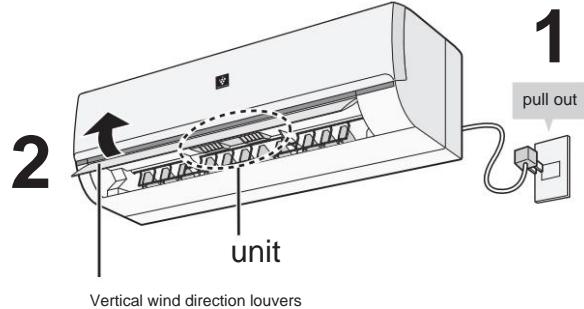


**Note** Please be careful not to deform the electrode part. •  
Do not touch the connection terminals.

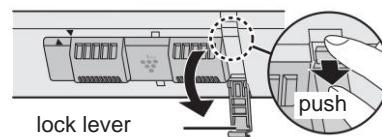
### How to remove it

#### 1 Stop operation and pull out the power plug 2

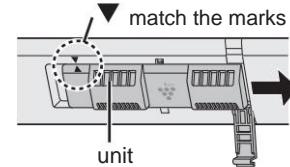
Open the vertical wind direction louver upwards



#### 3 While pressing the tip of the lock lever, tilt it downward.



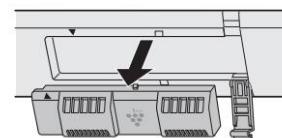
Hold the unit and move it to the right,  
**4** aligning the marks (y and y)



• There is a risk of falling, so be sure to  
Please take the unit and do it.

#### 5 Remove unit

• To install, follow the removal procedure in reverse order.

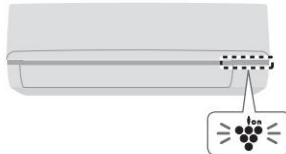


# Replacing the plasma cluster ion generation unit

If the plasma cluster lamp (blue) flashes 10 times at the start of operation and then goes off, replace the unit. (Replacement unit is sold separately. Page 47 )



exchange sign



Blinks 10 times and turns off (blue)

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

When replacing, be sure to read the instructions included with the replacement unit. For instructions on how to attach and detach the unit, please refer to the section on how to clean the unit. 36 pages



**Note** 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.

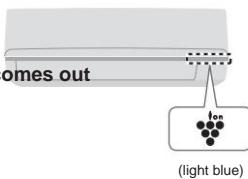
At the start of operation, the plasma cluster lamp will blink for about 1 minute and then turn off to notify you that it has stopped.

Care

# FAQ



**The unit continues to operate even after it has been stopped - Plasmacluster lamp (light blue) lights up - Vertical wind louvers do not close completely - Warm air comes out**

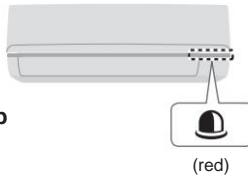


After stopping operation, filter cleaning and internal purification work automatically. Pages 28 and 29 Please run the machine until the end to prevent mold growth and odor. When cleaning the inside of the air conditioner after cooling, dehumidifying, or drying the room, heating may be performed (for up to 10 minutes) to dry the inside of the air conditioner.



**Air conditioner runs on its own**

•**Patrol lamp (red) lights up**



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.

27 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.



**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.

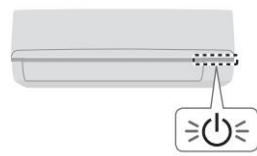
Cleaning the unit's electrodes may reduce the noise. 36 pages



If you are really concerned about this, you can set the Plasmacluster to "off". pages 20, 21



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



Blinking slowly (green)



Defrosting operation is performed during heating.

26 pages



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

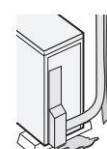


•**The frost** that melts during the defrost operation during heating comes out as white smoke (steam) or as water from the bottom of the outdoor unit. This is not abnormal.



•**Water**

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



If you are having trouble with water getting wet, please contact the store where you purchased the product for drainage work. In some cold regions, the outdoor unit may freeze and construction may not be possible.



Unable to connect wireless LAN between air conditioner and router

- Please check your router. Page 22 • 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. 23 pages



can't install app

- Please check if your smartphone's OS is compatible with the app. 22 pages



I can't register the air conditioner in the app

- Are your smartphone and air conditioner connected to the same wireless LAN router?
- 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. 23 pages



When changing the router

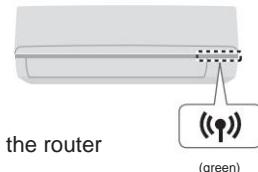
- It is necessary to reconnect the air conditioner and router. Masu.  
Press and hold the menu button on the remote control for 3 seconds to stop the wireless LAN function. Page 24  
Perform "Initial Settings 2 Wireless LAN Connection and Air Conditioner Registration". 23 pages



Cannot be operated from smartphone



Check the connection light ( ) on the 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?

24 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".

23 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. 23 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. 24 pages



When disposing of the air conditioner

When transferring it to a third party



- Please initialize to prevent leakage of personal information.

24 pages

when needed

# Is it malfunctioning? 1

Please 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> <li>• Is there a power outage? Please restart the operation after turning on the power.</li> </ul>
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>
Vertical wind direction louvers do not move/stop midway	<ul style="list-style-type: none"> <li>• Press the stop button on the remote control.</li> <li>Or unplug the power plug, wait 1 minute, then plug it back in.</li> </ul>
The air conditioner operates on its own • Has Plasmacluster Patrol been set? 27 pages	<ul style="list-style-type: none"> <li>• Are you using a smartphone for remote control?</li> </ul>
The air conditioner stops automatically • Is it being controlled remotely using a smartphone?	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
There is no wind immediately after starting operation.	<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.</li> </ul> <p><b>It may take a little longer depending on conditions such as low outside temperature.</b></p>
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 26 • When the room temperature reaches the set temperature, stop operation for a short time (approximately 3 to 6 minutes) and let the room temperature cool.</li> </ul> <p><b>I'm in control.</b></p>
Feels hot and humid when dehumidifying	<ul style="list-style-type: none"> <li>• When there are many people in the room, when there is a fever object, or when the outside temperature is high, You may feel hot and humid. In that case, lower the set temperature or use cooling operation to lower the room temperature, and then restart dehumidification operation. <a href="#">pages 10, 11</a></li> </ul>
Humidity does not reach set humidity	<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> <p>there is.</p> <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 an upward direction to avoid blowing. When the wind warms up, the air volume and direction will return to those set on the remote control.</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>
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. Page 34 • Is there dust accumulated in the dust box or is the cleaning brush dirty?</li> </ul> <p><a href="#">32 pages</a></p>
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.</li> </ul> <p><a href="#">28 pages</a></p> <ul style="list-style-type: none"> <li>• The filter will not be cleaned if it stops between 12am and 6am. <a href="#">28 pages</a></li> </ul>
Filter cleaning starts even though 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. <a href="#">28 pages</a></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. <a href="#">28 pages</a></li> </ul>

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 34 • 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 not setting a sleep cut-off timer or driving when going out? Pages 17 and 18 • Is power saving set to "On"? pages 20, 21</li> <li>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. • 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.</li> <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"? pages 20, 21</li> </ul>
smell The wind from the air conditioner smells	<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 28, 29 • Empty the dust that has accumulated in the dust box. Page 32 • Clean the air filter. 34 pages</li> </ul>

If the problem does not improve, we recommend having your air conditioner cleaned by a professional. When you need the back cover

# Is it malfunctioning? 2

Please check again before requesting repair or contacting us.

at a time like this	Please check
The lamp on the indoor unit is flashing.	<ul style="list-style-type: none"> <li>We notify you of maintenance timing and abnormalities.</li> </ul> <p>For more information, see "When the indoor unit lamp flashes." <a href="#">pages 44, 45</a></p>
The main unit lamp is dark and the plasma cluster lamp is off.	<ul style="list-style-type: none"> <li>Isn't the sleep timer reserved? Page 17 • Are you driving outside? Page 18 • Have you changed the brightness using the display button on the remote control? 19 pages</li> </ul>
Plasmacluster lamp does not light up	<ul style="list-style-type: none"> <li>Is it past the time to replace the Plasmacluster ion generation unit? <a href="#">page 37</a></li> <li>Is the Plasmacluster setting set to "off"? pages 20, 21</li> </ul>
The lamp lights up while the machine is stopped.	<ul style="list-style-type: none"> <li>Are you making a timer reservation? Pages 16 and 17 • Are you currently setting up Plasmacluster Patrol? Page 27 • Is the machine in automatic filter cleaning or automatic internal cleaning? pages 28, 29</li> </ul>
The timer lamp (orange) is still lit even though the timer has been canceled.	<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>
Connect lamp (green) is blinking (when using wireless LAN)	<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>
I hear a sound	A "sizzling" or "sizzling" sound - This is the sound of refrigerant flowing inside the air conditioner.
	"buzzing" sound
	<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>
	"Pish" sound
	<ul style="list-style-type: none"> <li>This is the sound of the indoor unit expanding and contracting due to temperature changes.</li> </ul>
	"Pish" and "Crack" sounds (during dehumidification operation)
	<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. <a href="#">26 pages</a></li> </ul>
	"click" sound
	<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>
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 28, 32-35	
"clicking" sound	<ul style="list-style-type: none"> <li>This is the sound when starting or stopping operation, or when the vertical wind direction louver is adjusting its position.</li> </ul>
"Vienna" sound	<ul style="list-style-type: none"> <li>This is the motor operating sound of the vertical wind direction louver.</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>

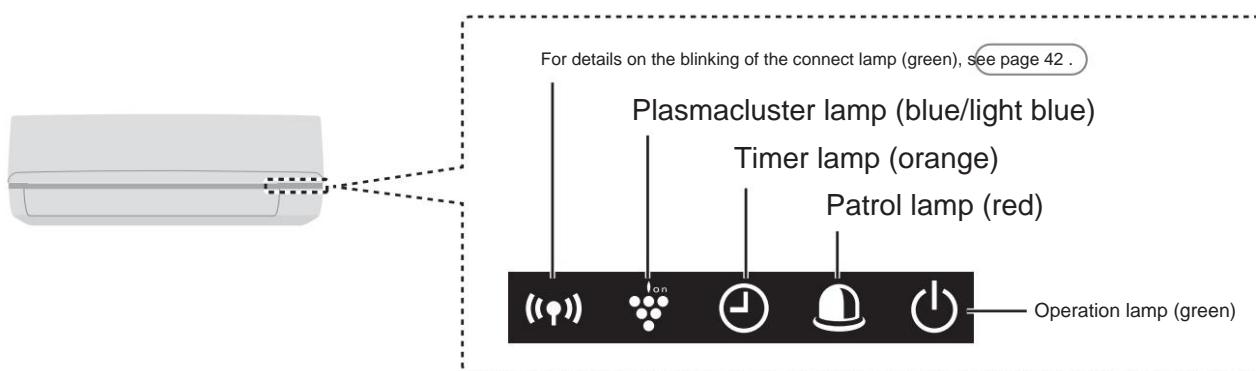
at a time like this	Please check
do not receive Remote control does not work properly There is no display on the remote control	<ul style="list-style-type: none"> <li>Press the reset button on the remote control, set the current date and time, and then try again.</li> <li>When the battery level is low, " " will be displayed, and when it is almost empty, " " will be displayed. '---' will flash.</li> </ul> <p>Please replace the battery. Page 5 • Are the batteries 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 • Are you configured to prevent two remote controllers from operating with one remote control? Page 19 • Unplug the main unit's power plug, then plug it in again after 1 minute.</p>
Air volume cannot be changed	<ul style="list-style-type: none"> <li>When dehumidifying or drying the product indoors, the air volume cannot be changed. 14 pages</li> </ul>
temperature cannot be changed	<ul style="list-style-type: none"> <li>Do not change the temperature when using Plasmacluster ventilation, drying indoors, or driving outside. you can't.</li> <li>When using Eco Auto or dehumidification, the temperature can be adjusted within the range of 2.0° lower to 2.0° higher.</li> </ul> <p>11 pages</p>
I can't make a timer reservation. • Are you setting the current date and time?	<p>9 pages</p>
"---" is flashing.	<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>
The operation details are different from what is displayed on the remote control.	<ul style="list-style-type: none"> <li>Are you using a smartphone for remote control? Contents set by remote control It is not displayed on the remote control.</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. In addition, by adjusting the wind direction settings and weakening the wind that hits the ceiling and walls, dust and dirt can be removed.</li> </ul> <p>Adhesion may be reduced. pages 14, 15</p>
Red water comes out from the drain hose	<ul style="list-style-type: none"> <li>Do not place red yeast bacteria in the air in wet areas such as balconies due to drainage from the drain hose. Red mold may grow, causing the drainage to appear red. Clean it with a neutral detergent.</li> </ul>
others 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. Page 34 • Check that water is flowing from the end of the drain hose and that it is not clogged.</li> </ul> <p>7 pages</p>
I'm concerned about the noise from the outdoor unit.	<ul style="list-style-type: none"> <li>During heating, the power is increased compared to when cooling, so the noise may feel louder. There may be cases. If the noise bothers you, please set the outdoor unit power to "low". pages 20, 21</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. <a href="#">page 26</a>
(light blue) Plasmacluster lamp (light blue) blinks	It's time to clean the dust box. <a href="#">page 32</a>
(Blue) Plasmacluster lamp (blue) flashes (at the start of operation)	It's time to replace the unit. <a href="#">page 37</a>

## Notification of parts installation problems

at a time like this	confirmation
(Orange) (Red) (Green) The operation lamp (green), patrol lamp (red), and timer lamp (orange) flash at the same time.	Are the dust box on <a href="#">page 33</a> and air filter on <a href="#">page 35</a> installed correctly?
(red) Patrol lamp (red) flashing	

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 45](#).

## Notify of abnormality

at a time like this	Notice content
   (green) (orange) (Blue)	The operation lamp (green), timer lamp (orange), and plasma cluster lamp (blue) flash in sequence. Notifying you of an abnormality.*Depending on the nature of the error, some lamps may not blink.

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.?

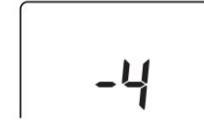
After more than 1 minute has elapsed, plug the power plug back in and start operation again. If it still flashes, inspection and repair are required.

Please check the error number using one of the methods below and contact the store where you purchased the product.

### Checking the error number using the remote control



- while stopped
- [Example] Error number (23-4)
- 1  Press and hold for 5 seconds.  
•A "beep" sound will be heard and "00" will be displayed.
  - 2  Check error number  
Press repeatedly.  
•Each time you press the button, you will hear a beep. •When the corresponding error number is received, a beep will be heard. •Numbers range from 00 to 31.
  - 3  Press  
•A "beep" sound will be heard and "-0" will be displayed.
  - Four  Check error number  
Press repeatedly.  
•Each time you press the button, you will hear a beep. •When the corresponding error number is received, a beep will be heard. •The numbers range from -0 to -7.



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

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

[Example] Error number (23-4)

   (green) (Orange) Flashes 2 times	   (Blue) Flashes 3 times
   (Orange) Flashes 4 times	

[Example] Error number (3-4)

   (Blue) Off	   Blinks 3 times
   (Blue) Blinks 4 times	

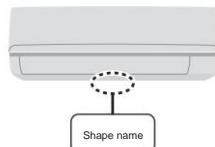
# Warranty and after-sales service

## When requesting repairs

### On-site repair

- 1** Please check pages 38 to 45 of "Frequently Asked Questions," "Is it malfunctioning?" and "When the indoor unit lamp flashes ." 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, and day)  
•Failure condition (specifically)  
Name , address , phone number , request for visit 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, we will repair it for a fee upon request.

### Repair fee structure

- Repair fees consist of technical fees, parts fees, travel fees, etc. This fee is for

Technical fee	properly repairing a malfunctioning product. Parts cost This is
the cost of	parts used for repairs. This fee is for
Business trip fee	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](#)

[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](#)

<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

**0120-078-178**

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

telephone

FAX

**050 - 3852 - 5405 06 - 6792 - 5993**

#### From your mobile

**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

#### Toll free from landline phone

**0120-02-4649**

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

telephone

FAX

**050 - 3852 - 5520 06 - 6792 - 3221**

#### From your mobile

**0570-550-447**

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

#### About QR code QR code

is a registered trademark of Denso Wave Co., Ltd. Viewing the sites and videos you are directed to is free, but you will be responsible for communication charges.

#### 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

### ŷ Contents displayed on the main unit

There is a risk that the occurrence of harm will increase due to deterioration over time. Electrical Appliance and Material Safety Law to call attention to certain The required display on the right should be placed near the nameplate of the main unit. We are doing it.

[Year of Manufacture] It is indicated in the nameplate of the main unit as a 4-digit year.



[Standard design period of use] 10 years  
The product has been used beyond the designed standard usage period. In this case, accidents such as fire and injury due to deterioration over time may occur.  
There is a risk of this happening.

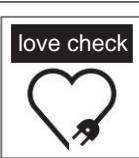
### ŷ What is the designed standard usage period?

- 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.

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

		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	
Indoor	temperature	27°C (dry bulb temperature)	20°C (dry bulb temperature)
	humidity	47% (wet bulb temperature 19°C) 35°C	59% (wet bulb temperature 15°C)
outdoor	temperature	(dry bulb temperature) 40%	7°C (dry bulb temperature)
	humidity	(wet bulb temperature 24°C)	87% (wet bulb temperature 6°C)
Installation		Standard installation according to product construction instructions	
conditions Load conditions		Wooden one-story building, south-facing Japanese-style room, living room	
	Housing Room	Room size commensurate with product capacity (number of tatami mats)	
size Estimated time	Number of days of use per year (Tokyo model)	112 days from June 2nd to September 21st 9 hours/ day 1,008	169 days from October 28th to April 14th 7 hours/day
	Usage hours per day	hours/year	1,183 hours/year
	per day Usage hours per 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 February 2023 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.

when needed

## Replacement plasma cluster ion generation unit

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

Model name: AZ-AC7W1 (1 piece)

Suggested retail price: 4,400 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. 46 pages

Remote controller

Part code: CRMC-B091JBEZ

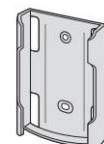
Model name: 205 638 1023

Suggested retail price: 4,840 yen (tax included)

Remote control holder

type name: 205 214 0875

Suggested retail price: 660 yen (tax included)



## specification

Indoor unit/outdoor unit combination		Indoor AY-R22F	Outdoor AU-	AY-R25F	AY-R28F	AY-R40F	AY-R56F2
		R22FY		AU-R25FY	AU-R28FY	AU-R40FY	AU-R56F2Y
Type power		Separate type, air cooling type, combined use for cooling and heating (inverter)					
supply		Single phase 100V*50/60Hz					
cold bunch	Rated capacity (kW)		2.2 (0.5 to 2.8)	2.5 (0.8 to 3.2)	2.8 (0.8 to 3.3)	4.0 (0.9 to 4.4)	5.6 (0.8 to 5.7)
	of area	Reinforced steel apartment south facing	15	17 19		28	39
	western style room (m <sup>2</sup> )	Wooden south facing Japanese style room	Ten	11	13	18	
	Rated power consumption (W)		570 (110-800)	685 (180-1000)	720 (180-950)	1280 (160-1730)	2250 (140-2280)
	Operating current (A)		6.6	7.8	7.4	13.0	11.4
	Operating noise (dB) sound power level	Indoor	58	59	61	62	65
warmth bunch	Rated capacity (kW)		2.5 (0.8 to 4.0)	2.8 (0.8 to 4.4)	3.6 (0.8 to 5.1)	5.0 (0.9 to 6.2)	6.7 (0.8 to 8.8)
	of area	Reinforced steel apartment south facing	11	13	16		30
	western style room (m <sup>2</sup> )	Wooden south facing Japanese style room	9	Ten	13	18	
	Rated power consumption (W)		550 (150-1220)	610 (150-1330)	820 (150-1415)	1450 (160-2000)	2020 (140-2940)
	Operating current (A) <Maximum>		6.3 <15.0>	7.0 <15.0>	8.6 <15.0>	14.6 <20.0>	10.2 <15.0>
	Operating sound (dB) sound power level	Indoor	60	61	63	66	66
Outdoor year-round energy consumption efficiency Category Name		5.8	5.8	5.8	4.9	5.0	
Approximate floor area for Plasmacluster (m <sup>2</sup> ) *		Ten	13	16		29	
Mass (kg)	Indoor	Ten	11	11	Ten	11	
	Outdoor			26	28	38	
External dimensions Width x depth x height (mm)		Indoor 790x289x268				Outdoor 670x280x540	
						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 25,000 ions/cm<sup>3</sup> 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 wireless module with a technical compliance mark.
- When this product is plugged in, it consumes approximately 0.4W of standby power to operate the electronic circuit.
  - When making a timer reservation (when setting Plasmacluster Patrol): Approx. 0.5W • When using wireless LAN: Approx. 0.8W

### inquiry

Before contacting us, please refer to "Frequently Asked Questions" (pages 38-39), "Is it a problem?" (pages 40-43), Please check "When the indoor unit lamp flashes" (pages 44-45).

Please contact us through the customer service desk listed on page 46.



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
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•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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