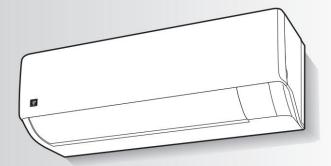


Room air conditioner for home use

operating instructions

S-DG Series





Model Name

Indoor unit

Outdoor unit

AY-S22DG AU-S22DGY

AY-S25DG AU-S25DGY

AY-S28DG AU-S28DGY

AY-S40DG2 AU-S40DGY



Please register your product.

can manage all your home appliances online! •
Easy access to support information such as consumables for registered products! • Receive "exciting points" for a chance to win our products and more! • In addition to automated

responses, members

can chat with an operator! https://cocoromembers.j



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ContentsIntroductionSafety Precautions
Control
How to
(basic operations) 6Using the
timer 8Changing the default settings
9For more information
cleaning operation
11 How to maintain
When it is
In these cases
the remote control cannot be
used. •When using two air conditioners in one room.
•When not using for a long period of time.
Is it broken?
sales service
term Use Product Safety Labeling System 19 Specifications
Back cover Optional items
Back cover
Application for air conditioner cleaning

Thank you very much for your purchase. Please read this instruction manual carefully and use the product correctly. Be sure to read the "Safety Precautions" before use. Be sure to keep this instruction manual, together with the warranty and installation instructions, in a place where you can easily access them at any time.



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

*1 The number on this technology mark is an estimate of the number of ions per 1cm3 when the product is installed on a wall and operated at "maximum airflow" and measured in the centre of a room (1.2m above the floor) with Plasmacluster applicable floor area.

Safety precautions - Please be sure to follow them -

This explains the precautions you must take to prevent injury to people and damage to property.

Problems that may arise from incorrect use are categorized and explained as follows:

n caveat

Content that may result in death or serious injury.

• Note

Content that may cause minor injury or damage to property.

ÿThe following symbols explain the types of precautions you need to take.



Things you shouldn't do.



Something that must be done.





To prevent fire, electric shock, and serious injury

Power plugs and cords



•Do not unplug the power plug while the unit is in operation.

(This can cause fire due to electric shock or

discharge .) •Do not unplug by holding

the power cord.

(This can cause heat

generation or fire

due to a broken wire.) •Do not plug in or unplug with

can cause electric shock.) •Do not connect in the middle of the unit, use an extension con

Do not use excessive power strips

(this may cause electric shock, heat

generation, or fire) . Do not bundle, pull, place heavy objects on,

heat, or modify the power strips. (This may cause electric shock, heat generation, or fire).



•Make sure to insert the power plug all the way in. (Poor contact can lead to electric shock or fire.) •Remove dust from the power plug and outlet regularly. (Can lead to electric shock or

When using

fire.)



• Do not insert fingers or sticks into the air inlet or outlet (the high-speed rotating fan can cause injury) . • Do not expose the body

to cold air for long periods of time or cool it too much (can cause physical condition to worsen or cause

health problems).

When cleaning



•Do not clean the inside of the air conditioner yourself or disassemble it using tools. •Do not spray disinfectants, deodorizers, insecticides, etc.

(This may cause water leakage, refrigerant leakage, damage, malfunction, smoke, or fire.) For cleaning the inside of the air conditioner, please consult the store where you purchased the product or Sharp Marketing Japan Customer Service.





In the event of an abnormality or malfunction,

immediately stop using the product and unplug the power cord.

(May cause smoke, fire, electric shock, or injury)

[Examples of abnormalities and malfunctions] The power cord or plug is abnormally

hot. •The power plug has changed color. •There

is a burning smell. •There is an abnormal

noise or rattling vibration. ${\mbox{\ensuremath{\bullet}}} \mbox{\ensuremath{\mathsf{The}}}$ breaker frequently trips.

•Water leaks from the indoor unit.

Please ask the store where you purchased the product to inspect and repair it.

When installing, relocating, disposing or repairing



Do not use (refill or replace) any refrigerant other than the specified refrigerant (R32) (This

may cause breakdowns, explosions, injuries, etc.)



• Always use a power outlet that is dedicated to the air conditioner.

(This may cause

heat generation or fire.) •

Make sure that an earth or earth leakage breaker is installed. (This

may cause

electric shock or fire.)

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



Installation, relocation, disposal, and repairs should always be requested from the retailer where you purchased the product or from a specialist company

(this may cause water leakage, electric shock, overheating, fire, or injury) .

If the unit does not cool or heat, one possible cause is a refrigerant leak, so consult the store where you purchased the unit. (Refrigerant is safe and does not normally leak, but if it does leak indoors and comes into contact with a flame from a fan heater or stove, it can cause harmful substances to be generated.)



To prevent electrical leakage and injury and to protect your belongings

When using



•Do not blow air directly on plants or animals. (This may have adverse effects on plants and animals.) •Do not

use to raise or cultivate plants or animals, or to store food, precision equipment, or artwork. (This may have adverse effects on the performance, quality, and lifespan of the object, and may cause the air conditioner to break down.) •Do not operate the unit

with wet hands. (This may cause electric shock.) •Do not place other electrical appliances or

Do not place any furniture or other items

on the unit (water may drip and cause damage, breakdowns, or electric

shock). When the humidity is high (80% or higher), close the windows and doors.

Do not operate the air conditioner or dehumidifier for a long period of time with the door open (water may fall and cause damage, breakdown, or electric shock).

- Do not hang laundry or other items on the indoor unit. (This may cause the indoor unit to fall and result in injury or breakdown.)
- Do not stand on or place anything on the outdoor unit. (Doing so on a balcony, etc., may cause it to fall.)

a damaged installation stand, etc. (This may lead to it falling and causing injury,

etc.) • Do not place the remote control within reach of small

children. (This may cause illness due to incorrect operation or the accidental ingestion of



Do not place objects or fallen leaves around the outdoor unit.
 Do not allow dust to accumulate (insects
 and other insects may get in and cause breakdowns, fires, or smoke) .

 \bullet When operating the appliance in conjunction with a combustion

appliance, open the windows frequently to ventilate the room

(this can cause a lack of

oxygen) . • Do not place combustion appliances in a location where

they are directly exposed to the wind

from the air conditioner (this can

cause incomplete combustion) . • If there is a risk of lightning, stop operation and

unplug the power cord (lightning

strikes can cause breakdowns) . • If the

appliance will not be used for a long period of time, unplug the power cord.

(Dust

accumulation can cause heat generation and fire.) - Stop operation

when carrying out interior work or waxing floors. (Volatile components can

adhere to the inside of the air

conditioner, causing water leaks and dew splashes.) After work, open the

windows and doors to

adequately ventilate the room before operating the unit.

When cleaning



•Do not wash the indoor or outdoor unit directly with water or place a container filled with water on it. (This may cause electric shock or fire.) •Do not stand on an unstable platform.

(This may cause injury, such as falling over.) • Do not touch the aluminum parts of the indoor or outdoor unit . Aluminum parts (This

may cause injury.)



- Always stop operation and unplug the power cord. (The high-speed rotating fan may cause injury.)
- If you have wiped or washed parts with water during maintenance, dry them thoroughly in the shade. (Residual moisture can cause electric shock.)

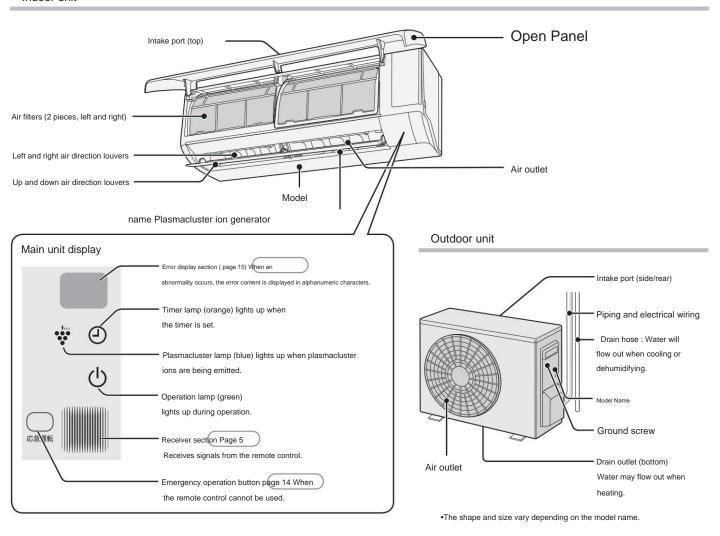
When installing



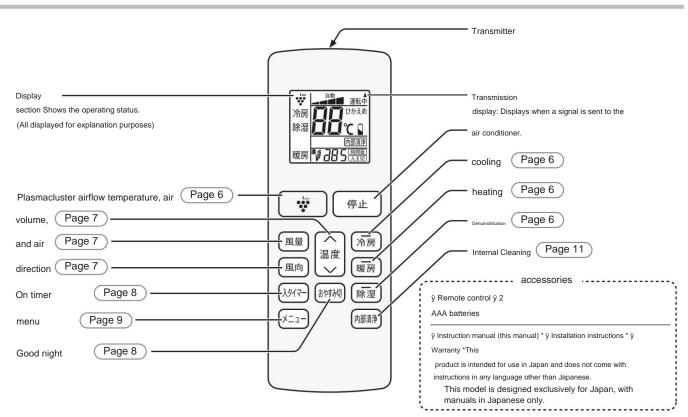
- Check that the appliance is not installed in a location where there is a risk of flammable gas leaking. (If gas leaks, it could cause a fire.) - Check that the drain hose is properly installed so that it can drain water. (If you are unsure, it could cause your belongings to get wet.)

Names of each part

Indoor unit



Remote Control



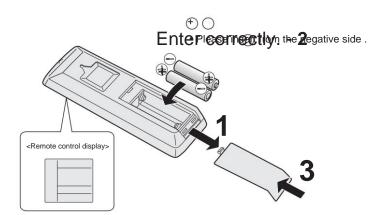
Preparing the remote control

Inserting batteries into the remote control

1. Slide open the cover on the

back. 2. Insert two AAA batteries.

3 Close the lid.



About batteries: •If "

" is displayed on the remote control or if signals are difficult to receive, replace the batteries.

(The battery life is approximately one year. Depending on the conditions of use, the life may be less than one year.) - The included batteries are provided for initial use and may wear out in a short period of time.

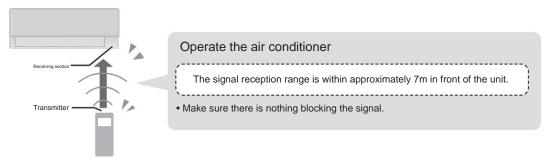
- When replacing the batteries, use two new AAA alkaline batteries or two manganese batteries. - Do not use rechargeable batteries (Ni-Cd, nickel-metal hydride, etc.). (This may cause malfunction.) - Replacing the batteries will return the remote control to the settings at the time of purchase.

Caution

move the batteries if you will not be using the product for an extended period of time (to prevent damage caused by leakage or explosion).

• If battery fluid gets into your eyes, on your skin or on your clothes, immediately rinse it off with clean water.

How to use the remote control



When a signal is received, a "beep" sound will be heard.

Caution: Do not subject the remote control to shocks or get it wet. Also, do not place it in

direct sunlight or near a heater (this may cause a malfunction). In a room with electronic instant-on fluorescent lights (inverter type, rapid start type, etc.),

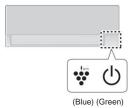
If the signal is not received, please contact your retailer.

Note: If you want to mount the remote control on a wall, use the remote control holder (sold separately).

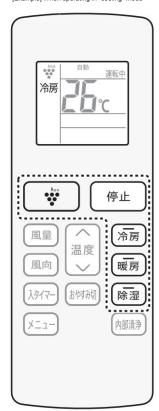
Driving (Basic Operations)

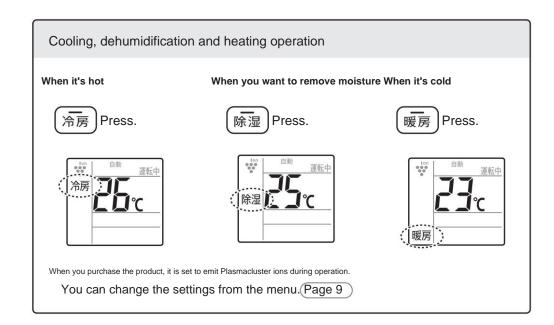
For more information, see page 10

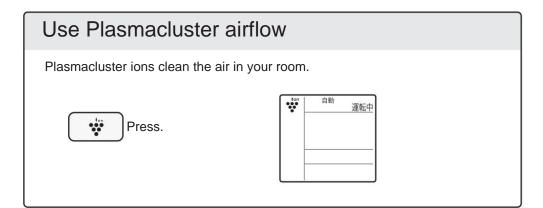


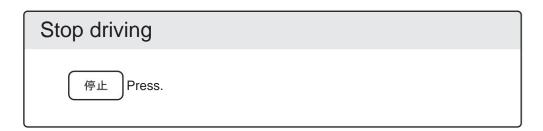


[Example] When operating in "cooling" mode









Caution

Do not use cosmetics containing fluororesin or silicone near air conditioners.

Insulating materials such as fluororesin and silicone adhere to the inside of the unit, preventing the generation of Plasmacluster ions. This may happen.

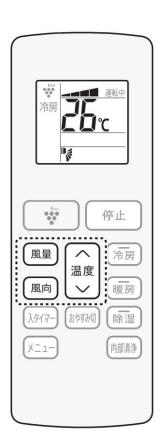
* Hair care products (split-end coating liquid, hair mousse, hair treatment, etc.), cosmetics, antiperspirants, antistatic agents, waterproof sprays, Polishes, glass cleaners, chemical cloths, wax, etc.

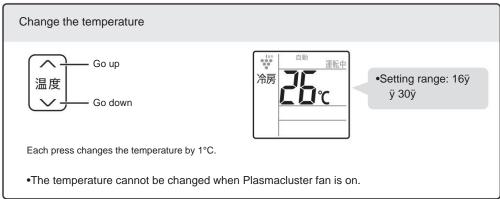
This air conditioner is equipped with Plasmacluster 7000. Plasmacluster is

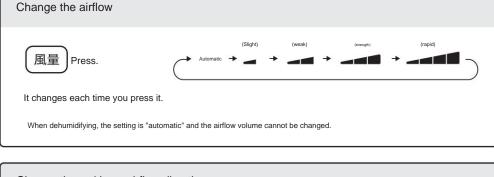
a technology that purifies the air with the same positive and negative ions found in nature. You can check the effects of Plasmacluster air conditioners on our website: https://jp.sharp/aircon/plasmacluster/

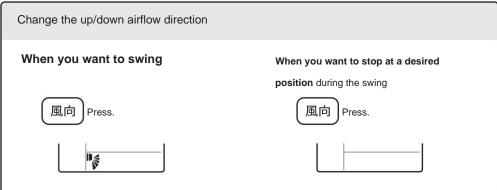










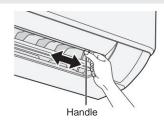


Change the left/right wind direction

Pinch the handle to move the left and right air direction louvers. •The handles are on the left and right.



Do not insert your fingers too far into the fan as this may cause injury as the fan rotates at high speed.



Caution: /hen adjusting the up/down airflow direction, always use the remote control. Adjusting it by hand may cause malfunction, abnormal noise, or breakdown.

If the airflow direction is set downward and the unit is operated for a long period of time in cooling or dehumidifying mode, dew will form around the louvers and water droplets will fall.

Note: Depending on the indoor environment and installation conditions, condensation may occur near the ceiling during cooling.

If the air conditioner is installed at the edge of the room, adjust

the left and right louvers so that the wind reaches the center of the room.

Please adjust the orientation.

Use a timer

Reservations can be made up to 24 hours in advance in 0.5 hour increments.

Now booking

(4)

温度

おやすみ切

風量

風向

入タイマー

停止

冷房

暖房

除湿

内部清浄

On timer Operation will start after the scheduled time.

During stop

λダイマ− Press.



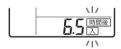
● 時間後 and will flash.

While it is flashing (for about 5 seconds)



Press to set the reservation time, λ





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

If the light stops flashing during the process, please start over from step 1.

Sleep timer: Stops after the scheduled time.

While driving

1

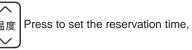
(ਰਿਐਸੀ) Press.



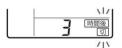
● 時間後 and tyyjill flash.

2

While it is flashing (for about 5 seconds)







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

If the light stops flashing during the process, please start over from step ${\bf 1}$.

About the sleep timer

•To prevent the room from becoming too cold or too warm while you sleep, you can set the timer After one hour the temperature setting will be gradually adjusted.

When cooling, set the temperature 1 to 3 degrees Celsius higher, and when heating, set the temperature 1 to 3 degrees Celsius lower

When cancelling a reservation

When changing a reservation time



入タイマー Press dratty

Timer lamp (orange)

Cancel the reservation, Set the timer again.

The lights will turn off.

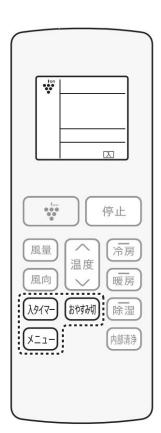
Notice: If)there is a power outage, the timer setting will be canceled.

After the power is restored, please try again. (The remote control will still display the same information as before the power outage.)

- The On Timer and Sleep Off Timer cannot be scheduled together.
- The timer time display on the remote control shows the remaining time as time passes.
- If you start operation using the remote control while the on timer is set, the on timer will be canceled.
- If you stop operation using the remote control while the sleep timer is set, the sleep timer will be canceled. The on timer will start operation in the mode used last time.
- If internal cleaning is set, internal cleaning will start automatically after the sleep timer is activated.

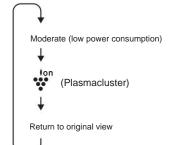
Page 11

Changing the default settings You can change the settings to suit your preferences.



Press to select a menu item.

Each time you press it, the menu item changes in order. The current setting (or) will flash.



2. Select a setting

When setting to "On"

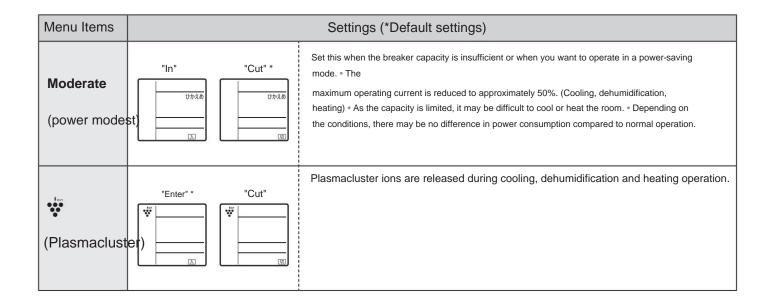


When setting to "Off"



• A beep will sound, the setting will be completed, and the or icon will light up on the retificien control.

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



Note: When you replace the batteries in the remote control, it will reset to the default settings.

If you want to know more

cooling

If the room temperature drops below the set temperature, the fan may only blow air. When the fan is set to automatic,

the fan will be strong

until the room temperature reaches the set temperature, and then will be weak.

Dehumidification

The dehumidification operation is performed at a weak cooling level to reduce humidity, so the room temperature will drop slightly.

If the room temperature drops below the set temperature, the unit may only blow air.

heating

When starting operation, the unit may not blow air for a while as it prepares to blow warm air. Because the unit absorbs

heat from the outside air and takes it into the room to heat it (heat pump system), it becomes harder to heat the room when the outside temperature drops. In that case, we recommend using the unit in

conjunction with another heating appliance.

When the fan speed

is automatic, it will be strong until the room reaches the set temperature, at which point it will weaken.

About defrosting operation When

frost forms on the outdoor unit, the unit automatically stops heating operation and starts defrosting operation (for up to 8 minutes). After the defrosting operation is complete, the unit resumes heating operation.

Plasmacluster airflow

It emits plasma cluster ions to purify the air in the room.

When the fan speed is

set to automatic, the fan speed will be weak.

Operating conditions

Cooling operation Outsi	de temperature*: Approximately 21°C or higher, approximately 45°C or lower Room temperature: Approximately 21°C or higher
Dehumidification opera	tion Outside temperature* : approx. 16°C or higher Room temperature: approx. 18°C or higher
Heating operation Outs	ide temperature*: Approximately 24°C or less Room temperature: Approximately 28°C or less

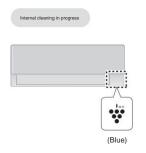
^{*} Temperature of the outdoor unit's intake air

• If you operate the unit under conditions other than those mentioned above, the protective device may be activated and the unit may

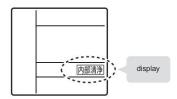
not operate. • If the humidity is 80% or higher, dew may form on the air outlet and cause water droplets to fall if you operate the unit in cooling or dehumidifying mode for a long period of time.

Internal cleaning operation

Plasmacluster fan operation dries out the area around the air outlet and inside the air conditioner, suppressing the growth of mold.

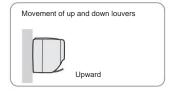






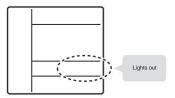
After cooling and dehumidification operation stops, internal cleaning will start automatically. (Operating time: approx. 120 minutes) •Please operate until the end to suppress mold growth and odor.

•When set, internal cleaning will be performed every time.



To cancel the settings



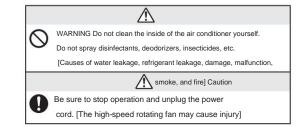




Notice: If the cooling/dehumidification operation time is less than 10 minutes, internal cleaning will not be performed.

• Mold that has already formed cannot be removed by cleaning the inside. Also, even if you clean the inside, mold and odors may still form depending on the usage conditions and environment. In that case, we recommend cleaning the air conditioner. Back cover

How to care for it



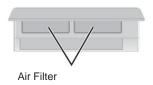
•Do not use the following items (they may cause discoloration, deformation, or scratches)

•Thinner, benzene, polishing powder, disinfectants, deodorizers, insecticides, bleach, acidic and alkaline detergents, scrubbing brushes, hard sponges, hot water over 40ÿ

Do not dry with the following items (this may cause discoloration or deformation):

•Direct sunlight •Hair dryers •Stoves, etc.

Air filter <As a guideline, once every two weeks>



Vacuum off any dirt, rinse with water, and dry thoroughly in the shade.

If the product is very dirty, soak it in diluted neutral detergent and dry it thoroughly in the shade. Do not apply excessive force such as bending it.

How to remove

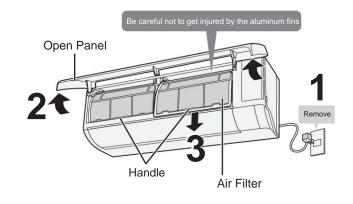
1. Stop operation and unplug the power

cord. 2. Open the open panel.

•Hold the left and right sides and pull towards you.

3. Remove the air filter.

Lift the handle slightly and pull it out.



How to attach

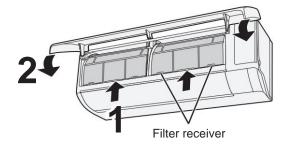
1. Install the air filter

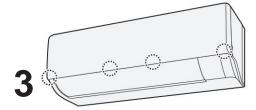
After inserting it all the way, fit the bottom of the air filter into the filter holder.

2 Close the open panel

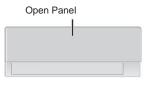


•Press until you hear a click to ensure it is securely closed.





Main unit, remote control, open panel ÿlf you are concerned about dirtÿ



Wipe gently with a soft cloth.

If the unit is very dirty, wipe it with a cloth soaked in cold or lukewarm water and wrung out thoroughly. (Water entering the unit may cause a malfunction.)



The open panel can be removed and washed with water.

Wipe gently with a soft sponge or cloth and rinse with water, then dry thoroughly in the shade. (Residual moisture may cause electric shock.)

How to remove

1 Stop operation and unplug the power cord.

2 Open the open panel

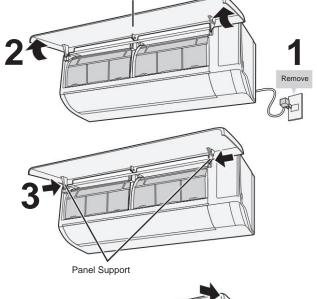
•Hold the left and right sides and pull towards you.

3Remove the open panel

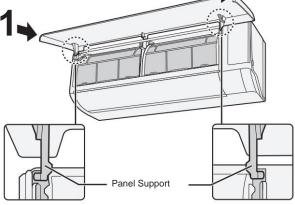
Press the left and right panel support parts inwards and pull them out towards you.

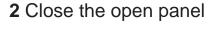
How to attach

Hold the open panel horizontally and push in the panel support.



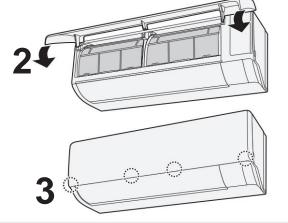
on the open panel





3 Press the four circled areas

 Press until you hear a click to ensure it is securely closed.



nspection and maintenance recommendation

 After using the air conditioner for several seasons, the performance may decrease and odors or water leaks may occur due to internal dirt, etc. In addition to regular maintenance, we recommend that you have the unit inspected and serviced (for a fee). Please consult the store where you purchased the unit.

What to do in these situations

When the remote control does not work

To purchase a remote control, see the back cover.

Emergency operation is possible on the main unit. The type of operation and set temperature are automatically selected according to the room temperature. (The up and down air direction louvers swing.)



Press

•The operation lamp (green)
and plasma cluster lamp (blue) will light up.

When to stop

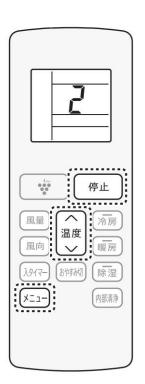
Pres

notice)

If you press and hold the emergency operation button for 5 seconds or more, the unit will switch to forced cooling operation (used when relocation or disposing of the air conditioner) and " " will be displayed. In that case, briefly press the emergency operation button to stop the unit.

When using two air conditioners in one room

If you install two of our air conditioners in the same room, you can switch the signal setting so that both units are not operated with one remote control. At the time of purchase, the signal setting for both the remote control and the air conditioner is set to "1".

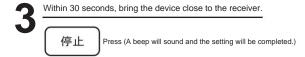


During stop

| X-1- | Pressand hold and simultaneously for about 5 seconds.

•" " will be displayed.





<Remote control display>



 Please be careful not to let the other air conditioner receive the signal.

Note: When you replace the batteries in the remote control or unplug the power cord, the signal setting will return to "1". Please set it again.

When not in use for a long period of time

- Run the Plasmacluster fan for 3 to 4 hours to dry out the inside of the air conditioner. After stopping operation, unplug the power cord. Alternatively, turn off the air conditioner's dedicated safety breaker. Clean each part. Pages 12 to 13 Remove the batteries from the remote control. (To prevent malfunctions due to leakage) Page 5 When you start using the air conditioner again, check the following items.
 - Check that the air filter is not dirty. Check that there is no dust on the power plug or outlet. Check that the intake and exhaust ports of the indoor and outdoor units are not blocked. Check that the drain hose outlet is not blocked. Check that the earth wire is not broken or disconnected. Ask the retailer where you purchased the product or a specialist to carry out earthing work.
 - Check that the outdoor unit is not installed unstable. Consult the retailer where you purchased the product.

Is it broken? 1Please check again before requesting repairs or contacting us.

Frequently asked questions



The unit is still operating even though it has been stopped. The Plasmacluster lamp (blue) is on. The upper and lower louvers do not close completely.



After the cooling and dehumidification operation has stopped, the interior is automatically

cleaned. Please run the unit until the end to prevent mold growth and odors .



There is a "buzzing" or "ticking" sound.



This is the sound that is made when Plasmacluster ions are generated. The sound may become louder or harder to hear depending on the usage environment and operation, but the effect of Plasmacluster ions remains the same. If it bothers you, you can set Plasmacluster to "Off". Page 9



The upper and lower louvers do not close completely even when the unit is stopped.



If you move the upper and lower louvers by hand, they may not close completely. When

the unit is stopped, press and hold the Louver button for 5 seconds and a beep will sound and the upper and lower louvers will close.





There is a "popping" sound



This is the sound of outside air being sucked in through the drain hose of the air conditioner when using a ventilator in an airtight room or when there is a strong wind blowing outdoors.

This is not a malfunction.

Installing a commercially available backflow prevention valve for air conditioners to the drain hose may improve the sound.



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



When the

frost melts during defrosting

operation during heating, it comes out as white smoke (steam) or as water from the bottom of the outdoor unit. This is not abnormal.



 When cooling, water droplets may form on the cold pipes and pipe connections and drip.



If you are having trouble with water getting wet, please consult with the store where you purchased the product about drainage work. In some cold regions, there is a risk of the outdoor unit freezing, so drainage work may not be possible.

When alphanumeric characters are displayed in the error display

We are notifying you of an abnormality.

Unplug the power cord and check.

•Is the air filter dirty? •Are the air outlets and air inlets of the indoor and outdoor units blocked? •Are leaves, paper, pet hair, etc. stuck to the aluminum fins of the outdoor unit?

Are you stuck?



After one

minute has passed, plug in the power plug and operate the unit.

If the message still appears, inspection and repair is required. Please contact the store where you purchased the product.

Note: EU, F6, F8, F9 and FH are displayed when the air conditioner is being controlled to prevent excessive strain on the air conditioner. This is

Is it broken? 2Please check again before requesting repairs or contacting us.

	At times like these	Please check		
	Does not operate/ power does not turn on	Check that the fuse or breaker in your home is not blown. Check that the power plug is not disconnected. Check that there is a power outage. After power is restored, try operating the appliance again.		
	The outdoor unit won't stop	After operation has stopped, the outdoor unit cools down. Please wait for about one minute.		
	The up and down louvers do not move or stop midway	Press the stop button on the remote control. Or unplug the power cord and wait 1 minute. Please plug it in again.		
Books	Air does not come out immediately after heating operation starts	The unit is preparing to blow warm air. Please wait for about 1 to 5 minutes.		
body	The outdoor unit is stopped during cooling operation.	If the room temperature drops below the set temperature, the outdoor unit may stop and only blow air.		
	No air comes out during heating operation	Frost has formed on the outdoor unit and the defrosting operation will begin automatically. Please wait for a moment. (Up to 8 minutes)		
	It feels muggy during dehumidification operation	When there are many people in the room, when there is a heat source, or when the outside temperature is high, the room may feel muggy. In this case, lower the set temperature or use the cooling function to lower the room temperature, and then run the dehumidifier again. Pages 6 and 7		
	The airflow changes	When the temperature of the air blown out during heating operation is low, the airflow will automatically be reduced.		
	Mist comes out of the air conditioner during cooling/dehumidifying operation	The cold air blown out while the unit is operating cools the air in the room and turns it into mist.		
	The "slurping" and "whissing" sounds are the sounds o	refrigerant flowing inside the air conditioner.		
	"Brush" noise	This is the sound made when the flow of refrigerant inside the air conditioner switches, such as during defrosting operation.		
	A "crack" sound	This is the sound of the indoor unit expanding and contracting due to temperature changes.		
There is a sound	"Click" sound	This is the sound that is made when power to the outdoor unit is turned on or off.		
	The "clack" sound	This is the sound made when the upper and lower air direction louvers are being adjusted.		
	The "whir" sound	This is the motor noise of the up and down air direction louvers.		
	Not receiving	When the battery level is low, " " will be displayed. Replace the		
	The remote control is not working properly	batteries. Page 5 • Are the battery términals reversed? Page 5 • Are you sure that you are pointing (he remote		
	The remote control does	control towards the air conditioner when you are using it? Page 5 • Depending on the		
	not display	type of fluorescent light, the signal may not be received. Page 5 • Has the remote control been set		
		so that it cannot operate two units with one remote control? Page 14 • Have you réplaced the batteries in the remote control or unplugged it from the power outlet?		
		If you have set it so that one remote control does not operate two devices, the signal setting will return to the		
		initial setting "1". Please set it again. Page 14 • Unplug the power cord from the main unit and plug it back in after one minute.		
	The airflow cannot be changed	The air volume cannot be changed when dehumidifying. Page 7		
	The temperature cannot be changed	The temperature cannot be changed when Plasmacluster fan is on.		
	The air	This is because odors from daily life are absorbed by the air conditioner and blown		
	conditioner smelt	out. The problem may be improved by performing the following maintenance procedures. •Setting the		
Smell		internal cleaning function. Page 11 •Maintaining (he air filter. Page 12		
		If the problem persists, we recommend that you have your air conditioner professionally cleaned.		

	At times like these	Please check
	Does not cool or heat well	• Is the air filter dirty? Page 12 • Is the temperature control correct? Page 7 • Is the airflow set to "low"2 Depending on the room temperature or outside temperature, it may take a long time to reach the set temperature, or the set temperature may not be reached at all. Page 7 • Is the sleep timer set to on? Page 8 • Is the low power setting set to "On"? Page 9
		 To check if the air conditioner is operating normally, measure the temperature difference between the air outlet and air inlet of the indoor unit. Run the unit for about 20 minutes, and if the temperature difference is 8°C or more when cooling, and 14°C or more when heating, it is normal. Depending on the size of the room, the outside temperature, and other conditions, the set temperature may not be reached Is the room too large for the capacity of the air conditioner? Back cover If the
Seems and on home		outside temperature is high (low), the cooling (heating) will be poor. • If the humidity is high for a long time, the cooling may be poor. When cooling, you can lower the perceived temperature by adjusting the direction of the air conditioner by blocking the sunlight with curtains or by redirecting the airflow toward people.
		If there is an obstacle (transom, beam, furniture, wall, etc.) in the direction the air from the air conditioner blows out, the air flow This may cause the air conditioner to be unable to accurately sense the room temperature. In this case, adjust the airflow direction to avoid obstacles. Page * Are the air outlets and air inlets of the indoor and outdoor units blocked? Also, if leaves, paper, pet hair, etc. get stuck in the aluminum fins on the back and left side of the outdoor unit, performance may decrease.
Main unit display (lamp)	Alphanumeric characters are displayed	There may be an error. Page 15 Please contact the store where you purchased the product with the alphanumeric characters. However, the following alphanumeric characters do not indicate a malfunction. This is displayed when the air conditioner is being controlled to prevent excessive strain on it. EU, F6, F8, F9, FH
•	The light is on when stopped	• Is the timer on? Page 8 • Is the internal cleaning in progress? Page 11
	The ceiling and walls around the indoor unit are stained black.	Depending on the room environment, dust particles in the air may adhere to the ceiling and walls due to air circulation and static electricity caused by the air conditioner. We recommend that you regularly clean the area around the air conditioner. You may also be able to reduce the adhesion of dust particles by adjusting the direction of the air conditioner to weaken the air blowing onto the ceiling and walls. Page 7
others	Red water coming out of the drain hose	Red yeast and red mold in the air can grow in places that are wet from drainage hoses, such as balconies. If bacteria grow, the drainage may appear red. Clean with a neutral detergent.
	Water leaks from the air outlet . If the a	ir filter is clogged, water may leak. If the air filter is dirty, clean it. Page 12 • Check that water is flowing from the end of the drain hose and that it is not clogged. Page 4 If the problem persists, please contact the store where you purchased the product.
	I'm worried about the noise of the outdoor unit	When heating, the unit operates with more power than when cooling, so the noise may seem louder. There is.

•For more information, please see the support page: https://jp.sharp/support/air_con/



It includes information such as a "Fault Diagnosis Guide" that customers can easily check themselves

Warranty and after-sales service

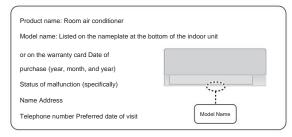
When requesting repairs

On-site repair

1 "Is it broken?" Please check pages 15 to 17.

2 If the problem persists, stop using the product and be sure to unplug the power cord.

Please inform the store where you purchased the product of the following:





During warranty

 Please present the warranty card when requesting repairs. Repairs will be carried out in accordance with the terms of the warranty card.

If the warranty period has expired

•If the product can be used after repair, we will repair it for a fee if you wich

How repair fees work

•Repair costs consist of labor fees, parts fees, and travel fees.

Technology fee	The cost to repair the broken product. Parts cost The cost of			
the parts us	the parts used in the repair. The cost to dispatch a			
Travel expenses	technician to the location of the product.			

Warranty card (attached)

 Please receive the warranty card from your retailer after checking that the purchase date, retailer name, etc. have been filled in. Please read the warranty card carefully and keep it in a safe place.
 Warranty period: One

year from the date of purchase. However, the warranty period for the following parts is five years.

Refrigerant circuit: Compressor, heat exchanger, main body piping. Please read the warranty card carefully as there may be a fee even during the warranty period.

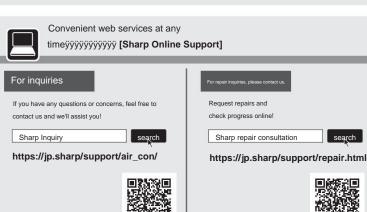
Period for which replacement parts are available

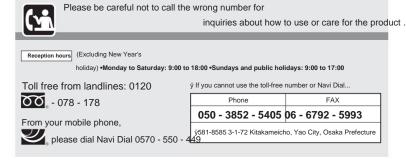
- We will retain repair parts for room air conditioners for 10 years after production of the product is discontinued.
- Repair parts are parts that are necessary to maintain the functionality of the product.

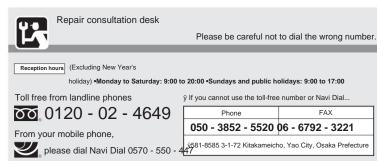
Customer consultation desk information

For any enquiries or requests regarding repairs, usage, maintenance, shopping, or in the unlikely event of an accident caused by the product, please contact the store where you purchased the product or the contact details









ÿAbout QR Codes QR

Codes are registered trademarks of DENSO WAVE Inc. Viewing the linked sites and videos is free of charge, but communication charges will be borne by the customer.

[About the handling of customer personal information at the consultation desk]

Sharp Corporation and its affiliated companies use customer personal information for consultation and repair services. Personal information will be managed appropriately and will not be disclosed or provided to third parties except when repair work is outsourced or there is a legitimate reason. For details on the handling of personal information,

please refer to https://corporate.jp.sharp/privacy/index-j.html.

Location, telephone number, reception hours, etc. may be subject to change.

About installation

Avoid installing in the following locations.

- Places with a lot of water vapor or oily

smoke. - Places with a lot of

machine oil. - Places where the outdoor unit is blocked by

accumulated snow. - Places where the indoor unit is exposed to direct sunlight for long periods of time, such as sunrooms and greenhouses. - Places affected by ammonia, such as where it is

exposed to animal urine. - Places with a lot of

sulfide gas, such as hot springs. - Places with a

lot of salt, such as seaside areas. • Choose a place that can adequately support the weight of the air conditioner and where loud operating noise and vibrations

are not transmitted. • The wind from the outdoor unit's air outlet and operating noise may disturb neighbors.

- Do not place any objects near the air outlet of the outdoor unit .

(This may cause a decrease in functionality or

increased noise.) If you hear any abnormal noises during use, please consult the store where you purchased the product.

 Make sure the drainage from the air conditioner is in a place with good drainage. Do not block the end of the drain hose.

autions when disposing

Under the Home Appliance Recycling Law that came into force in April 2001, customers who wish to dispose of used room air conditioners are required to pay collection and transportation fees, as well as fees for recycling, and to properly hand the item over to the retailer or local government.



Home air conditioners contain fluorocarbons (R32) with a GWP (global warming potential) of 675. To prevent global warming, fluorocarbons must be recovered when relocating, repairing, or disposing of the air conditioner

[About the "visualization" labeling of refrigerant] This

Dry and well-ventilated

If possible, choose the widest dimension possible

20cm

labeling is to let you know that greenhouse gases (fluorocarbons) are enclosed in home air conditioners. When hand it over properly in accordance with the Home Appliance Recycling Law, the fluorocarbons will be properly disposed of



Check your air conditioner that you have been using for many years! Do you notice any of the following symptoms?•The power cord or plug is abnormally hot.•The •Mounting parts such as stands and hanging power plug has changed color. There is a

Corroded or loose installation. Water leaks from the

•There are abnormal noises or rattling vibrations. •There are other abnormalities or malfunctions.

Stop using the

product, unplug the power cord. and contact the store where you purchased the product or our repair service center for inspection and repair. Please contact us separately for the cost of inspection and repair.

at least 1.5m away from

Please keep the indoor and outdoor units of your

TV or radio at least 1m apart (to prevent noise and malfunction).

Regarding the product labeling based on the Long-Term Use Product Safety Labeling System ÿ Contents of

labeling on the product [Year of manufacture] The year is displayed in four digits on the nameplate on the product. [Designed standard use period] 10 years If you use the product

To alert you to the risk of injury due to deterioration over time, the marking on the right is placed near the nameplate on the main unit, as required by the Electrical Appliance and Material Safety Law.



beyond the designed standard use period, it may cause fire, injury, or other accidents due to deterioration over time.

ÿ What is the standard design life?

• This is the standard period from the year of manufacture during which the product can be used safely without any deterioration due to aging under the following standard conditions of use, such as operating time, temperature and humidity, etc. •

The standard design period of use is different from the free warranty period. It also does not guarantee against general breakdowns.

ÿStandard conditions of use JIS C 9921-3 Standard conditions of use for setting the standard period of use for the design of room air conditioners

			cooling	heating	
Environmental condition	s Power supply		Depends on the rated voltage of the product (single-phase 100V or single-phase 200V)		
	voltage Frequency		50/60Hz compatible		
	Indoor	Temperature	27ÿ (dry bulb temperature)	20ÿ (dry bulb temperature) 59%	
		Humidity	47% (wet bulb temperature 19ÿ) 35ÿ	(wet bulb temperature 15ÿ) 7ÿ (dry bulb	
	Outdoor	Temperature	(dry bulb temperature) 40%	temperature) 87% (wet bulb	
		Humidity	(wet bulb temperature 24ÿ)	temperature 6ÿ) Standard installation	
	Installation		according to the product's installation instructions Single-story		
conditions Load cor	conditions Load conditions		wooden building, south-facing Japanese-style room,		
House Room		m	living room Room size (number of tatami mats) appropriate to the product's capabilities		
size Estimated time	size Estimated time Number of days of use per year (Tokyo		112 days from June 2nd to September 21st 9 hours/	169 days from October 28th to April 14th 7 hours/	
model) Daily usage time Annual usage time		ly usage	day 1,008	day 1,183	
		al usage time	hours/year	hours/year	

If the installation conditions, environment, or frequency of use differ from those stated above, or if the product is used for purposes other than its intended use, the product may be damaged due to its design. There is a risk of fire, injury, or other accidents due to deterioration over time if the product is used for a period shorter than the standard period.

specification

Indoor and outdoor units combination Outdoors Outdoors		Indoors	AY-S22DG	AY-S25DG	AY-S28DG	AY-S40DG2	
		AU-S22DGY	AU-S25DGY AU-S28DGY	Separate type, air-cooled,	AU-S40DGY		
Type Power				for both cooling and heating (inverter)			
Source					Single phase 100V, 50/60Hz		Single phase 200V, 50/60Hz
	Rated capacity (kW)			2.2 (0.5 to 2.8)	2.5 (0.5 to 3.0)	2.8 (0.5 to 3.5)	4.0 (0.8 to 4.9)
	concrete apartment	crete apartment South-facing Western-style room in reinforced		15	17	19	28
cold	Estimated size (m2)	South-facing wooden Jap	anese-style room	10		13	18
Tufts	Rated power consumption (W)		on (W)	490 (150 - 850)	11 630 (150 - 950)	690 (150 - 1150)	1100 (180 to 1500)
	Operating	current (A)		5.8	7.3	8.3	5.8
	Operating no	ise (dB)	Indoor	60	60	61	63
	Sound Power	r Level	Outdoor	59	61	61	65
	Rated capacity (kW)			2.5 (0.5 to 3.7)	2.8 (0.5 to 4.1)	3.6 (0.5 to 4.6)	5.0 (0.8 to 6.6)
	concrete apartment South-facing Western-style room in reinforced		room in reinforced	11	13	16	Manufry Groves
	Estimated size (m2) South-facing wooden Japanese-style room		anese-style room		10	13	18
Warm	Rated power consumption (W)		on (W)	9 565 (140 - 1280)	640 (140 to 1310)	890 (140 - 1390)	1320 (180 to 2260)
Tufts	Operating co	Operating current (A) <maximum></maximum>		6.6 <15.0>	7.4 <15.0>	10.3 <15.0>	6.9 <15.0>
	Driving noise	(dB)	Indoor	60	60	61	63
	Sound Power	r Level		60	60	61	65
Outdoors Year-round energy consumption efficiency		tion efficienc	y: 4.9 5.8	5.8	5.8		
Category name ÿÿÿÿ							
Plasmacluster applicable floor area guideline (m2) *		23 10	13	16			
			Indoors		Ĭ,		10
W	Weight (kg)		Outdoors	9 26	9 26	9 29	30
E	ternal dimension	ns	Indoors		770×230)×290	du-
Width x Depth x Height (mm)		eight (mm)	Outdoors	675×285×550			745×300×555

- Operating characteristics are values based on JIS C 9612: 2013 (Japanese Industrial Standard).
- The operating noise indicated is the measured value in a test room.

Operating noise may vary depending on the surrounding environment

- The power supply can be used at both 50 and 60Hz.
- The category name is a display based on the Household Products Quality Labeling Act.
- * Install the product on the wall and operate at maximum airflow in the center of the room (1.2m above the floor).

 This is an estimate of the floor area that can measure 7,000 ions/cm3.

Power consumption during standby

This product operates electronic circuits while the power plug is plugged in.

It consumes approximately 5W of standby power.

Please purchase at the store where you purchase ${\bf optional\ items}$.

•Remote control

Part code: CRMC-B198JBEZ Model number: 205 638 1070 Suggested retail price: 3,740 yen (tax included)

•Remote control holder

Model name: 205 214 1626

Suggested retail price: 330 yen (tax included)



Parts and prices current as of December 2023 and subject to change.

There may be cases where this is the case.

For details, please check with the store where you purchased the product.

inquiry

Before contacting us, please check "Is it a malfunction?" (pages 15-17) again.

Please contact us via the customer service desk listed on page 18.



Q&A information, repair consultation, etc.

Various support information

https://jp.sharp/support/air_con/

Air conditioner cleaning application Rates vary depending on conditions. Please check when you inquire.

Please apply at the store where you purchased the product or by contacting Sharp Marketing Japan Co., Ltd. Customer Service Center listed below.

Cleaning the inside of an air conditioner requires a high level of expertise. If you try to clean it yourself with a commercially available cleaning agent, it may cause water leakage, damage, malfunction, smoke, or fire. If this is the cause, please contact us at the following:

Sharp Marketing Japan Corporation Customer Service Company

Toll free number 0120-565-506

Reception hours (Excluding Sundays, public holidays, and company

•Monday to Saturday: 9:00 to 17:45

This support is provided by Sharp's domestic service company, Sharp Marketing Japan Co., Ltd. Customer Service Co., Ltd. (Okinawa region: Okinawa Sharp Electric Co., Ltd.) or a service provider selected by Sharp's domestic service company.

2

Head Office 1 Takumicho, Sakai-ku, Sakai-shi, Osaka 590-8522



