

room air conditioner household use

operating instructions



除菌イオン

プラズマクラスターイオン®による空気浄化

Model name

indoor unit

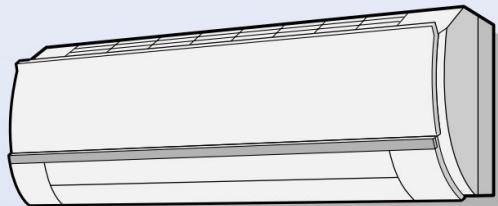
outdoor unit

A.Y.S

S.B.C

A.U.S.B.Y.

AY-S22SBC AU-S22SBY
AY-S25SBC AU-S25SBY
AY-S28SBC AU-S28SBY
AY-S45SBC AU-S45SBY



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 save this instruction manual, along with the warranty card and installation manual, in a place where you can see it at any time.

みんなで家電リサイクル、つくろう循環型社会

Plasmacluster ion and Plasmacluster are trademarks of Sharp Corporation.

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Please be sure to read it

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エコロジークラスでいきましょう。シャープ。



room air conditioner AY-S22SBC/AY-S25SBC/AY-S28SBC/AY-S45SBC

This product is eco-class.

green material

Use materials that are considerate to people and the global environment as much as possible

- Uses new refrigerant HFC (R410A) that does not destroy the ozone layer.
- All packaging materials for indoor units are made of cardboard, which is easy to recycle.
- Uses lead-free solder on the main board.

Use it wisely and have more ecology classes.

Keep the indoor temperature at an appropriate temperature!

- By setting the temperature 1°C higher when cooling and 2°C lower when heating, you can save approximately 10% on your electricity bill. Please adjust the temperature frequently to prevent it from getting too cold or too warm.



Room air purification using Plasmacluster ions

“Disinfecting ions” surround and remove “mite allergens,” “mold bacteria,” and “viruses” floating in the room.

*Suppresses the musty odor that occurs when mold grows, and reduces the activity of mite allergens and viruses. Creates healthy air quality with reduced air pollution.

* Hiroshima University Graduate School of Advanced Materials Science (About airborne mite allergen)

Ishikawa Prefectural Preventive Medicine Association (About

airborne mold) Kitasato Research Institute Kitasato Research Institute Medical Center Hospital Medical Environmental Science Center (About airborne viruses) (Test method: Release sterilizing ions into the air)

Used in many products across industries -

Sharp's "sterilizing ion" technology is used in many products across industries. In the future, we would like to further expand our lives with "sterilizing ions" and make spaces with air more comfortable and clean.



- Shower toilet (INAX)
- Bathroom heating ventilation dryer (Max, Tostem) 24-hour residential ventilation system (Max) Whole house air conditioning
- system (Denso Ace) Car air conditioner (Nissan, Toyota, Daihatsu)
- Gas fan heater (Rinnai, Tokyo Gas, Osaka Gas, Toho Gas, Seibu Gas)
- Hot water heater/dryer (Rinnai, Toho Gas)
- Car air purifiers (Toyota Motors, Nissan Motors)
- Elevators (Fujitec) In-
- vehicle sterilizing ion generator
- (Denso) Smoking area system

(Tornex) *As of October 2004 Press release order Titles

Easy to clean, removable **lower louver** •**Left and right louvers**

20 pages

Adopts **HFC refrigerant (R410A)** that does not destroy the ozone

layer - **Healthy shower airflow** that blows cold air diagonally upwards and warm air

carpet airflow that blows warm air directly downwards

19 pages

Safety Precautions

This instruction manual and the product contain various markings to ensure safe use. The following are the types of problems that may occur if the labeling is ignored and the product is handled incorrectly. Please make sure you understand the contents before reading the main text, and follow the instructions.



caveat Indicates content that may result in death or serious injury.



Note

Indicates content that may cause injury to persons or damage to property.

Meaning of graphic symbols



Indicates something you should not do.



Indicates that you should not get it wet.



It represents what must be done.



This indicates that you must always ground the device.



Indicates that you should not touch it with wet hands.



Indicates that you must always disconnect the power plug from the outlet.



caveat

Unplug the power plug do not stop

Doing so may cause electric shock or fire.



Do not connect the power cord midway, Use of extension cords/other electricity Do not connect cables with equipment

Doing so may cause electric shock, heat generation, or fire.



The power cord can be tied with cable ties or wire Bundle or pull Place heavy items on the Do not heat or process

Doing so may cause electric shock, heat generation, or fire.



Remove fingers, sticks, etc. from the inlet/outlet Do not insert or put inside the

The fan is rotating at high speed inside and may cause injury.



Refrigerant other than HFC refrigerant (R410A) is not used. Also, HFC refrigerant (R410A)

Do not use the piping that was previously used.

Doing so may cause serious accidents such as malfunction or explosion.



Customer own air conditioner No repairs or relocation*

Incomplete installation may cause water leakage, electric shock, fire, etc.



Exposing cold air to your skin for a long time Not too cold

It may cause deterioration of physical condition and health problems.



Be sure to use a power source exclusively for the air conditioner. use an electrical outlet

Using a non-dedicated outlet may cause heat generation and fire.



Must be implemented

When inserting the power plug, make sure to Not only that, but also the outlet side has dust attached, In other words, make sure that there is no looseness, and Insert firmly all the way to the base.

Dust adhesion or looseness may cause electric shock or fire. **Must be implemented**



If the outlet is loose, please contact your retailer.

If the air conditioner does not cool or warm up, turn it off. One possible cause is leakage of medium. Then, consult the store where you purchased the product For repairs that involve adding refrigerant, Confirm the details of the repair with the service engineer.



The refrigerants used in air conditioners are safe. Refrigerant usually does not leak, but if it leaks indoors and comes into contact with open flames from fan heaters, stoves, stoves, etc., harmful products may be generated.

Must be implemented

If there is an abnormality (such as a burning smell), do not operate the Stop and unplug the power

Continuing to operate the product under abnormal conditions may cause malfunction, electric shock, fire, etc.



unplug

* Please contact the store where you purchased the product or our Customer Service Desk.

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Special
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Go note
meaning

Safety Precautions

Note

- Do not use for special purposes such as preserving food, animals and plants, precision instruments, and works of art.

This air conditioner is for general household use. If used for other purposes, it may cause quality deterioration.



Ban

- Do not touch the aluminum fins of the unit.

Doing so may cause injury.



Ban

- Do not expose animals and plants to direct wind.

This may cause a negative impact on animals and plants.



Ban

- Do not place other electrical products or household goods under the unit.

Water droplets may drip, causing stains and malfunctions.



Ban

- Do not place combustion appliances in places where they will be directly exposed to the air from the air conditioner.

This may cause incomplete combustion in combustion appliances.



Ban

- Do not step on or place objects on the outdoor unit.

Failure to do so may result in injury such as falling or falling.



Ban

- Do not use a damaged installation stand, etc.

Doing so may cause the unit to fall, resulting in injury.



Ban

- Do not pull the power cord to disconnect the power plug.

Part of the core wire may break, causing heat generation and fire.



Ban

- Do not stand on an unstable stand when operating or cleaning the air conditioner.

Doing so may cause injury such as falling.



Ban

- Do not operate with wet hands

Doing so may cause electric shock.



No wet hands allowed

- Do not wash the air conditioner directly with water or place containers filled with water, such as vases, on top of the unit.

Doing so may cause electric shock or fire.



No water allowed

- Do not attempt to clean the inside of the indoor unit yourself; be sure to consult the store where you purchased the product or a repair consultation center [7 pages].

If you select or use the wrong cleaning agent when cleaning, it may cause damage to the resin parts or water leakage. Also, if the cleaning agent comes into contact with electrical components or motors, it may cause malfunction, smoke, or fire.



Must be implemented

- When operating with combustion appliances, open windows frequently to ventilate the area.

Insufficient ventilation may cause oxygen starvation.



Must be implemented

- After washing the air filter, open panel, lower louver, and left and right louvers with water, dry them thoroughly.

Remaining water may cause electric shock.



Must be implemented

- Clean the air filter frequently

This may cause a decrease in performance or water leakage.



Must be implemented

- If the air conditioner has been used for several seasons, perform inspection and maintenance in addition to regular maintenance.

so, dirt and dust may accumulate inside the indoor unit, causing odors and clogging the dehumidifying water drainage path, causing water to leak from the indoor unit. Inspection and



If you do

maintenance requires specialized knowledge and skills. Please contact the store where you purchased the product.

- If there is thunder and there is a risk of a lightning strike, stop operation and unplug the power plug.

Lightning strikes can cause malfunctions.



unplug

- Unplug the power plug if it will not be used for a long period of time.

Accumulation of dust may cause heat generation and fire.



unplug

- Before cleaning, be sure to stop operation and unplug the power plug.

The fan is rotating at high speed inside and may cause injury.



unplug

Withhair **to** One stomach hand

Stationary picture

caveat

***For installation, ask the store where you purchased the product or a specialist company to do the installation.**

If you install the product yourself and make any mistakes, it may cause water leakage, electric shock, or fire.



Must be implemented

Note

•Make sure to ground

Connect the ground wire without connecting it to gas pipes, water pipes, lightning rods, or telephone ground wires. Please. If the grounding is unreliable, it may cause electric shock in the event of a malfunction or electrical leakage.



***Earth leakage breaker depending on the installation location.**

install the car

Failure to install an earth leakage breaker may result in electric shock.



Must be implemented

•Risk of flammable gas leaking

Do not install it in a location with

If gas leaks and accumulates around the unit, it may cause a fire.



Ban

***The drain hose drains water securely**

Piping to

If you are unsure, water may enter the house and wet your belongings.



Must be implemented

In addition to the above, please note the following.

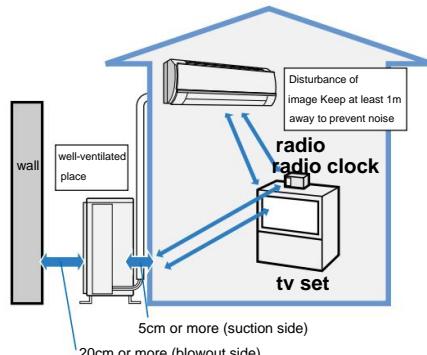
Installation location

*If noise still occurs even if the distance is 1 m or more, move the radio, radio-controlled clock, TV, etc. to a place where there is no noise. *If there is sufficient space for installation, please provide as much space as possible for efficient operation.

Please avoid installing it in the following locations.

- Places with a lot of salt, such as coastal areas.
- Places with a lot of sulfide gas, such as hot springs.
- A place with a lot of machine oil.
- Places with a lot of steam or oil smoke.
- Places where the outdoor unit is blocked by snow.

(Make sure the water from the air conditioner is in a well-drained place.)



Electrical construction

- Please use a circuit dedicated to the air conditioner with the power supply at the rated voltage.

Please be considerate of noise

Please choose one of the following locations:

- A location that can sufficiently withstand the weight of the air conditioner and does not receive significant operating noise or vibration.
- A location where the wind from the outdoor unit's air outlet and operating noise will not disturb neighbors. - Do not place anything near the air outlet of the outdoor unit. This may cause a decline in functionality or an increase in noise.
- You hear any unusual noises during use, please contact the store where you purchased the product.

Relocation

When removing or reinstalling an air conditioner, specialized techniques such as refrigerant recovery are required.

Please contact

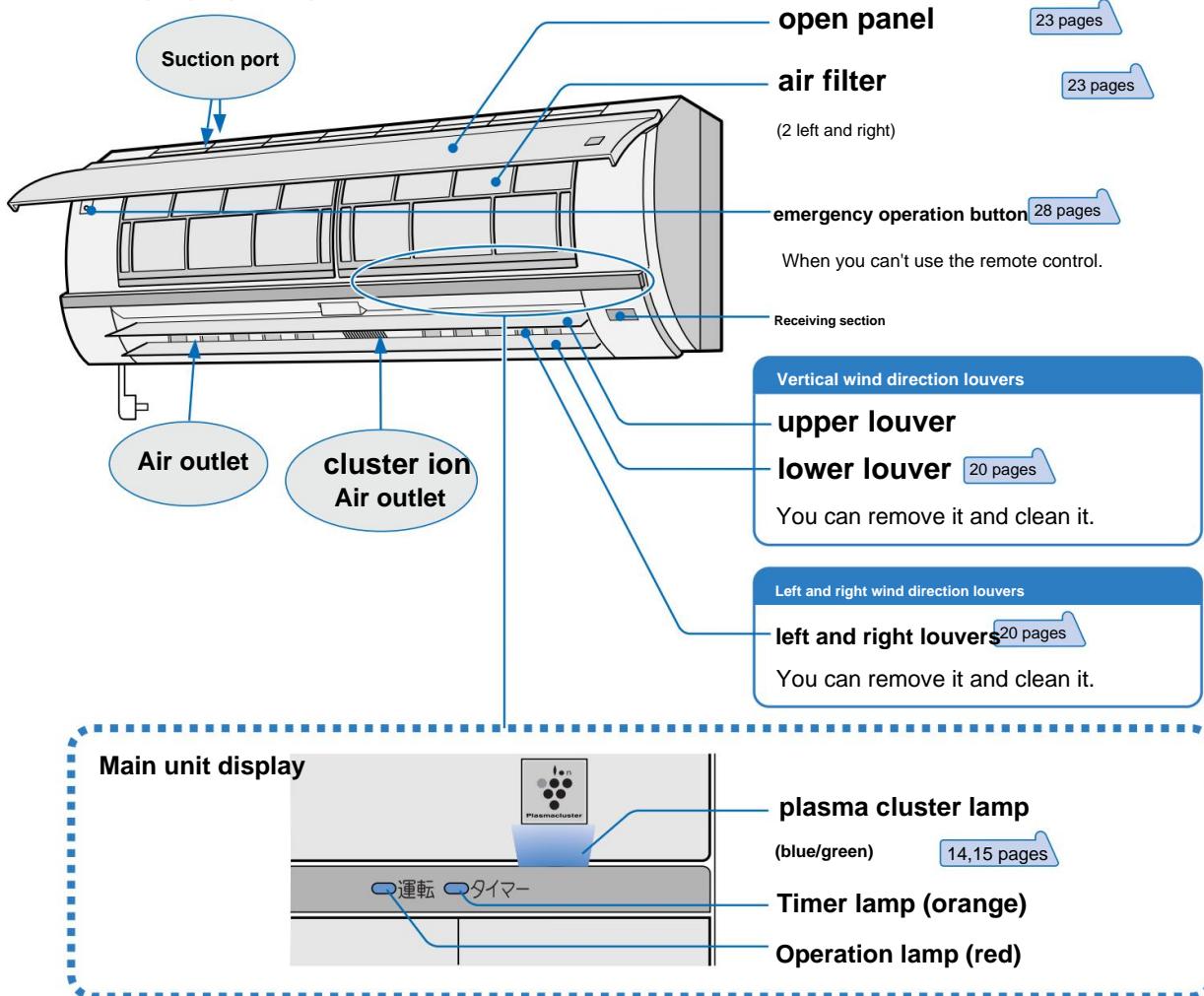
the store where you purchased the product (or your nearest "Customer Service Center") for advice on page case, you will be required to pay the actual cost of relocation.

on Must
readingfigure
fruit
Ku
is
—
stomach

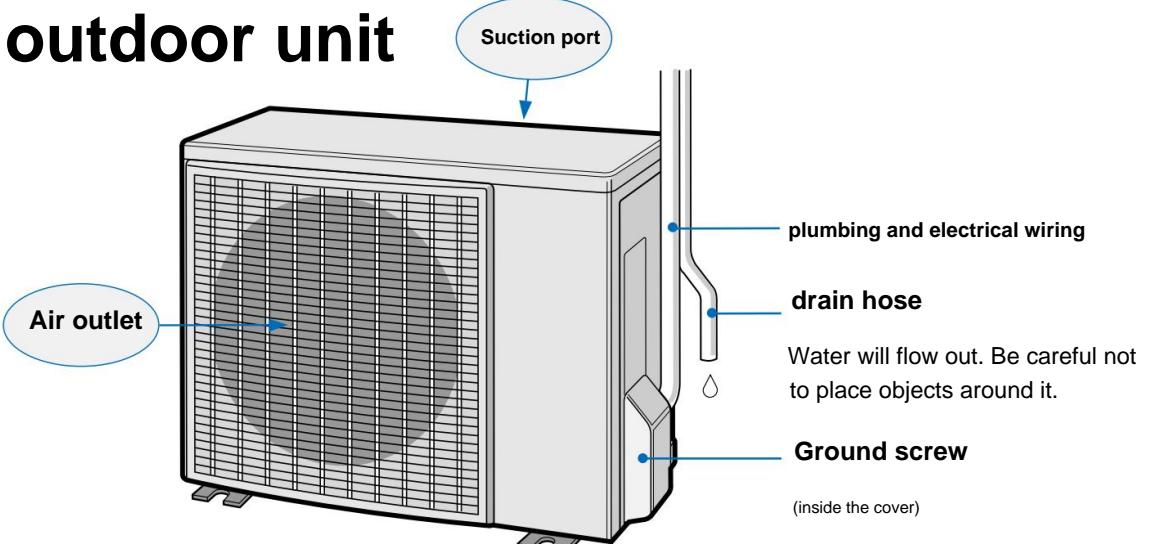
Cheap
all
Up
of
Go
note
meaning

Name of each part indicates the main explanation page

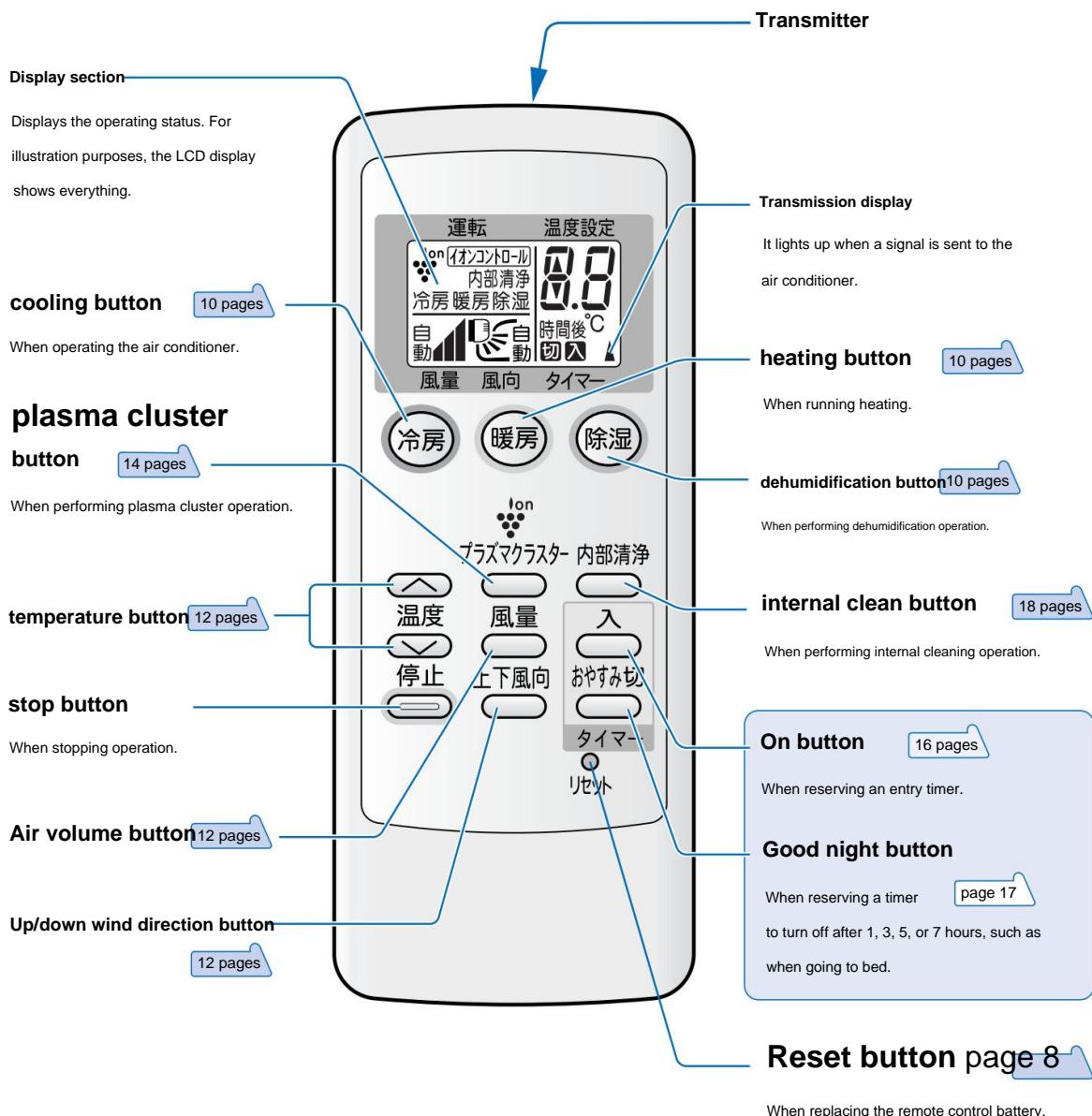
indoor unit



outdoor unit



Remote controller



Go
messenger
for
of
Before
to

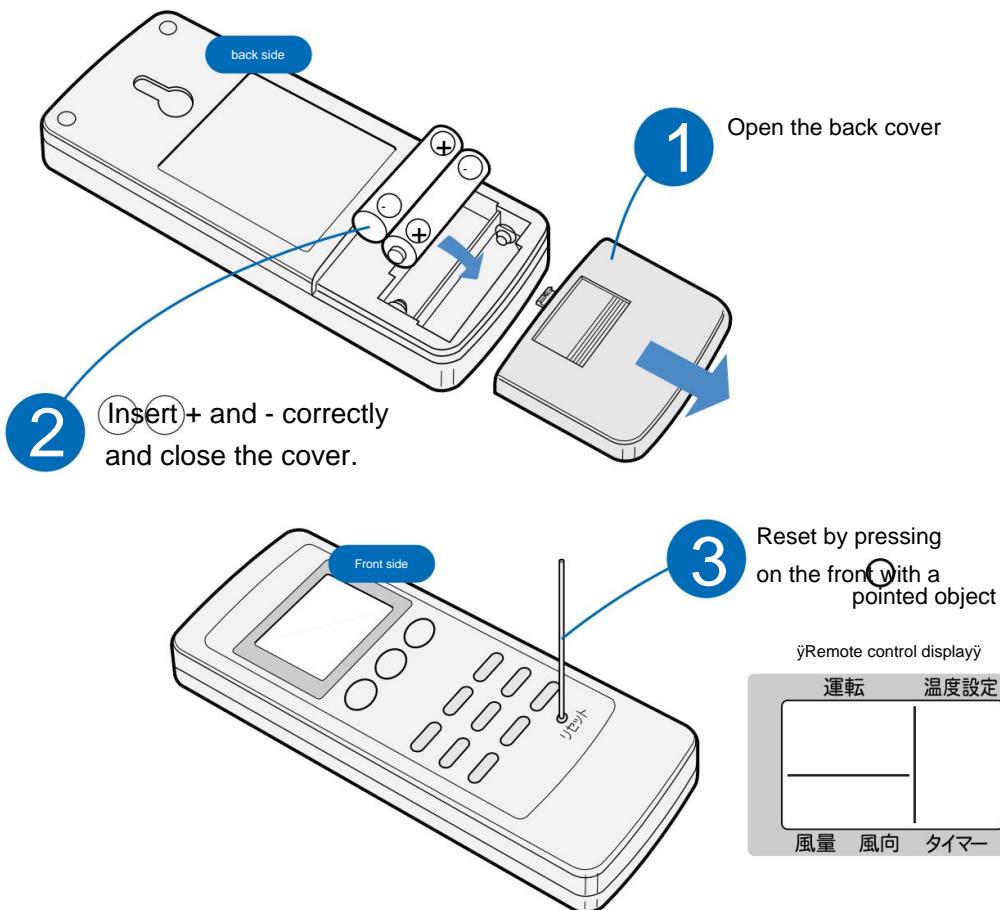
room
Inside
Yu
D
Wow
to
room
outside
Yu
D
Wow
to

Li
Mo
Ko
hmm

Preparation before driving

Insert batteries into the remote control

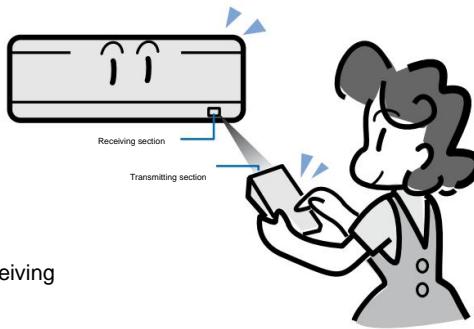
(Using 2 AAA (R03))



About batteries

- The battery life is approximately one year, but if the display on the remote control becomes dim or you cannot receive a signal, replace it. -
- Incorrect use of batteries may cause leakage or explosion, so please be careful of the following points.
 - When replacing, please use new ones of the same type.
 - When not using the product for a long period of time, please remove the battery. Prevents malfunctions due to liquid leaks. - If the battery fluid leaks into your eyes or
 - adheres to your skin or clothing, immediately wash it off with clean water. *The included battery is provided for initial use and may wear out in less than a year.

How to use the remote control



- Please operate by pointing towards the receiving part of the main unit. • The signal range is approximately 7m in front. • Make sure there is nothing blocking the signal. • When receiving a signal, the main unit will make a beep or beep sound.

please

- Do not subject the remote control to shock. Also, do not get it wet, do not place it in direct sunlight, or near a stove. This may cause a malfunction.
- Signals may not be received in rooms with electronic instant lighting or inverter type fluorescent lights. In such cases, please contact your retailer.

*When two air conditioners are installed in the same room, settings can be made using the remote control to prevent interference.

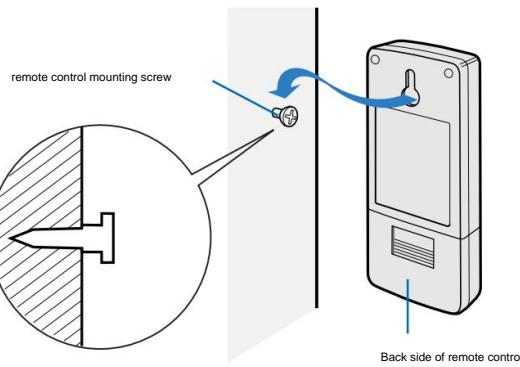
28 pages

When hanging the remote control on a wall, etc.

Press the "Stop" button on the remote control and install it in a position where you can hear the sound coming from the main unit.

- 1 Fix the remote control mounting screw (accessory) to the wall.

- 2 Hook the remote control.



Go
messenger
for
of
Before
to

Li
Mo
Ko
hmm
to
electric
pond
of
Enter
Re
Ru

Li
Mo
Ko
hmm
of
messenger
stomach
mosquito
Ta

Heating/cooling/dehumidifying operation Heating / cooling/dehumidifying operation

Heating, cooling, and dehumidifying operations can be operated

- with a single touch.
- Clean the air in your room by using Plasmacluster operation, ion control.

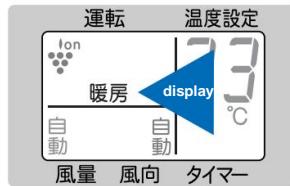


Heating operation ...when it's cold

暖房 Press

The operating lamp (red) on the main unit lights up.

Remote control display



Cooling operation ...when it's hot

冷房 Press

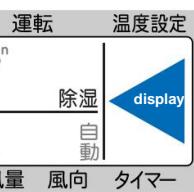
The operating lamp (red) on the main unit lights up.

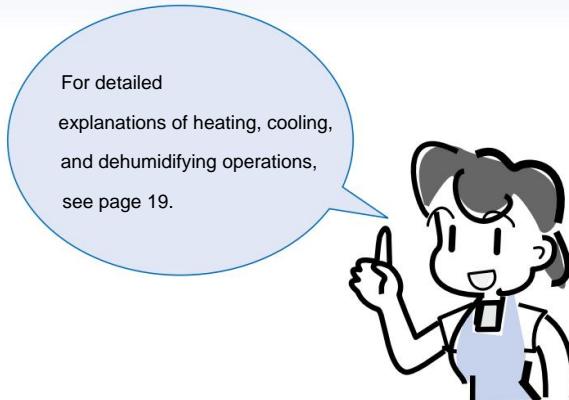


Dehumidification operation...When it gets damp

除湿 Press

The operating lamp (red) on the main unit lights up.





When stopping

Press the "Stop" button. The operation lamp (red) on the main unit is turned off.



When stopping

Press the "Stop" button. The operation lamp (red) on the main unit is turned off.



When stopping

Press the "Stop" button. The operation lamp (red) on the main unit is turned off.



Combined operation with plasma cluster operation 14 pages

- Combined use with clean
- operation • Combined use with ion control operation

(There are two types of plasma cluster operation. Please choose according to your preference)

Automatic internal cleaning operation after stopping operation 18 pages

- If "internal cleaning" is displayed on the remote control, internal cleaning will automatically begin when operation is stopped.

memo

- If the temperature in the room drops during cooling/dehumidification operation, the unit may only blow air when cooling or stop when dehumidifying.

messenger
stomach
mosquito
Ta

Warmth
bunch

cold
bunch

Exclusion
dampness
luck
Rotation
vinegar
Ru

Changing temperature, air volume, and wind direction



change temperature

Press (increase by 1)
Beep

Press (decrease by 1)
Beep

Remote control display



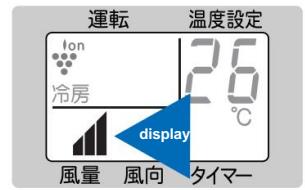
During dehumidification



During heating/cooling

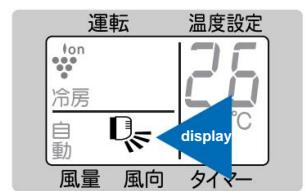
change the air volume

Press (increase by 1)
Beep



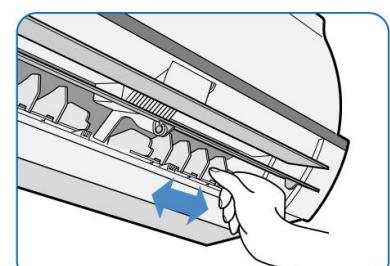
change the vertical wind direction

Press (increase by 1)
Beep



change the left and right wind direction

Can be adjusted by hand.



• Adjustable range

2°C lower to 2°C higher than the temperature set by the air conditioner

2°C higher	1°C higher	2°C lower	1°C lower
2	1		

memo

- When dehumidifying, when the outside temperature is low, the room temperature may not rise even if you raise the temperature setting. - Once you set the temperature during heating/cooling operation, it will operate at the same temperature next time.

• Temperature setting range

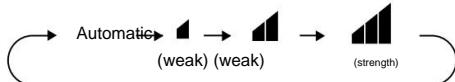
18°C~32°C

Recommended temperature settings

Heating: 20-24°C

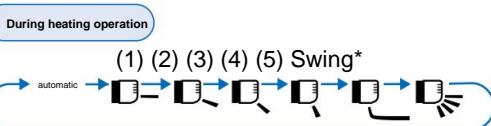
Cooling: 25-28°C

- Each time you press the button, the display changes as follows.

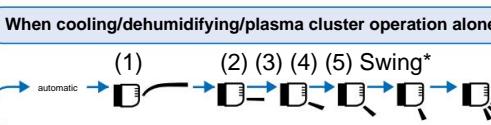


- When dehumidifying, the air volume is automatically fixed.

- Each time you press the button, the display changes as follows.



- During heating, the upper louver is fixed diagonally downward and does not move even if the wind direction is changed, except for (1). I don't even swing.



*If set to swing, the unit will swing from horizontal to diagonally downward during cooling and dehumidification. When heating, it swings between diagonally downward and downward.

• If you set the air volume to automatic

During heating/cooling operation

The airflow is strong until the temperature in the room reaches the set temperature, and then the airflow becomes weaker.

During dehumidification operation

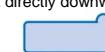
The wind volume will be weak.

• If you set the wind direction to automatic

During heating operation

When the air temperature is low, it blows horizontally, and when it warms, it blows downward. When the room warms up (5 to 20 minutes after reaching the set temperature), the air will blow out almost directly downward. (Warm air carpet airflow)

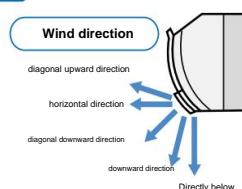
Page 19



During cooling operation

At the start of operation, the air blows diagonally downward, and after 10 minutes or when the room cools down, the air blows diagonally upward. (Healthy shower airflow)

19 pages



When dehumidifying/plasmacluster is operating alone

Blows out diagonally upward.

please

Use the remote control to adjust the vertical wind direction.

- Adjusting by hand may cause incorrect movement or malfunction. - If the louver is turned downward and operated for a long period of time in cooling/dehumidifying mode, dew may form around the louver and fall.

messenger
stomach
mosquito
Ta

warm

Every time

Wind

amount

Wind

Direction

of

picture

Ru

Driving a Plasmacluster Driving a Plasmacluster

Plasmacluster can be operated independently. In addition, it can be operated in combination with heating, cooling, and dehumidifying operations.

- Generates cluster ions to clean the air in the room and control ions. **There are two types of plasma cluster operation to choose from.**

clean driving clean driving

It generates approximately the same number of positive and negative ions. It is effective in removing "mite allergens," "mold bacteria," and "viruses" floating in the air.

Page 2

ion control luck ion control luck

Increase the percentage of negative ions to improve the room Adjusts the ion balance.



solo operation

While the operation is stopped

プラズマクラスター

Press and select the content you want to drive.

The operating lamp (red) and plasma cluster lamp on the main unit are lit.

- Each time you press it, the operation details change as follows.

→ Clean operation ion-control operation



Combined operation with heating/cooling/dehumidification operation

During heating, cooling, or dehumidification operation

プラズマクラスター

Press and select the content you want to use together.

The plasma cluster lamp on the main unit lights up.

- Each time you press it, the content of the combination changes as follows.



Masu.

**Estimated electricity bill**

When Plasmacluster operates alone
for 1 hour (airflow is automatic)...about 0.5 yen *Unit price
is calculated at 22 yen/kwh (tax included).

When stopping

Press the "Stop" button.



The operating lamp (red) and plasma cluster lamp on the main unit are off.

(Initially, the combination of clean operation is set.)

**Main body plasma cluster lamp**

The state of ion generation is indicated in blue and green.*



plasma cluster lamp

Lights up in blue (during clean operation)

The number of positive and negative ions is approximately the same.

Lights up in green (during ion control operation)

Increases the percentage of negative ions.

*Plasmacluster operation can be changed using the remote control.

memo

- When operating alone, if the air volume and vertical wind direction are set to "Auto", weak wind will be blown diagonally upward. (You can change the air volume and direction when operating alone.)

- operating alone, temperature changes and timer reservations can be made. you can't.

messenger
stomach
mosquito

Ta

P
La
Z
Ma

nine

La

vinegar

Ta

luck

Rotation

vinegar

Ru

Reserve a timer



During a power outage

Power outage occurs during timer reservation

Your reservation will be cancelled. energized

Please. (The remote control has a timer.)

Turn on timer to ensure the desired room temperature at the reserved time.

Driving starts early (up to 60 minutes before the scheduled time).



Example 6. When you want to reach the desired room temperature after 5 hours.

If the main unit is in internal cleaning operation, press the "Stop" button to stop it and then set the timer reservation.

入

Press to set the time you want to set.



The timer lamp (orange) on the main unit

lights up. •Each time you press it, it changes as follows.

→ 0.5 → 1.0 → 1.5 → 11 → 12 Cancellation *

*If you select "Cancel", the timer lamp (orange) on the main unit will turn off and the on timer will be canceled.

Adjust the temperature, air volume, and vertical wind direction according to your preference.

●After the temperature is displayed for 5 seconds, the display returns to the timer time

●Display. - Air volume cannot be changed during dehumidification operation. Also, the temperature cannot be changed until operation begins.

When canceling the on timer

Press the "On" button while the timer is being reserved.

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

memo

●During internal cleaning operation, it is not possible to reserve the timer. If the main unit is in internal cleaning operation, select "Stop"

Press the button to stop, then reserve the timer to start. - Once you have made

●reservation, if you press the "Enter" button again after 5 seconds have passed, the entry timer will be

●cancelled. •Entry timer can be reserved up to 12 hours

later. (Reservations can be made in 0.5 hour (30 minute) increments until 9.5 hours later, and in 1 hour

●increments from 10 to 12 hours later) - The timer time display on the remote control will show the

●remaining time as time passes. •If you reserve a good night timer while an entry timer is reserved, the

●entry timer will be cancelled. - Once you make a reservation, the same time setting as last time will be

●remembered the next time you make a reservation. - Plasmacluster standalone/internal cleaning operation cannot be st

When changing reservation time

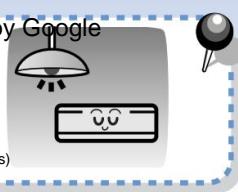
Press the "On" button and set the time you want. (Press

for the first time to cancel)

, air conditioner timer

, please make a reservation

again (Continue displaying reservations)



Good night timer



Enjoy comfortable driving during sleep. - You can easily reserve the timer to turn off after 1, 3, 5, or 7 hours. • Only the operation lamp and timer lamp will be displayed on the main unit. The display for Plasmacluster operation will disappear, but operation will continue.

- Prevents overheating and overcooling for quiet operation.



When you want to stop after 3 hours

If the main unit is in internal cleaning operation, press the "Stop" button to stop it and then set the timer reservation.

while driving

おやすみ切

Press to select time



The timer lamp (orange) on the main unit lights up. (Displays on the main unit other than the operation lamp and timer lamp will disappear)

- Each time you press it, it changes as follows. 1 3 5 7 Cancellation

* If you select "Cancel", the timer lamp (orange) on the main unit will turn off and the sleep cut-off timer will be canceled. (The display on the main unit that was off will now light up.)

In heating/cooling/dehumidifying operation

- If you reserve the sleep cut-off timer, the air volume and vertical air direction on the remote control will be set to "auto" and the unit will operate quietly. (You can change the air volume and direction.) - If you select "page 7" 7 hours, the set temperature will be lowered by approximately 3°C during heating operation and approximately 1°C higher during cooling/dehumidification after 1 hour. . [If you change the operation contents (heating, cooling, dehumidification), the above contents will be set again from that point on]

When canceling the sleep timer

Press the "Good night off" button while making a

reservation. The timer lamp (orange) on the main

unit turns off. (The display on the main unit that was off will now light up.)

memo

- During internal cleaning operation, you cannot reserve the sleep timer. If the main unit is in internal cleaning operation, select "Stop"

Press the button to stop, then reserve the sleep timer. • Once you have made a reservation, if you press the

- Good night timer" button again after 5 seconds have passed, the good night timer will be cancelled. • The remote control will display the remaining time on the timer as time

- If stopped, you can also start heating, cooling, and dehumidifying operation by pressing the "Sleep" button

• If the operation contents (heating, cooling, dehumidification) are the same as before the stop) - If you press the "Stop" button during reservation, the operation will stop and the timer will be canceled. • If you

- Reserve a sleep cut-off timer for heating, cooling, or dehumidification, if you reserve a sleep cut-off timer, the sleep cut-

- off timer will be canceled.

- With the sleep cut-off timer, the main unit display will turn off during automatic internal cleaning operation after heating, cooling, and dehumidifying operations have stopped. 17

When changing the sleep timer time

Press the "Good night cut" button and select the time you want to cut off.

(Press for the first time to cancel)

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Internal cleaning operation Internal cleaning operation

Prevents mold from forming inside the indoor unit and on the wind louvers. (There are two types of internal cleaning operations)

After stopping heating, cooling, and dehumidifying operations

Automatic internal cleaning operation

Remote control display

During heating, cooling, or dehumidification operation

内部清浄

Press to set

- Display "Internal Clean" on the remote control.



- Once set, the internal cleaning operation will be performed every time the operation is stopped.
- During internal cleaning operation, the plasma cluster lamp (blue) on the main unit lights up. (However, if it is stopped by the sleep cut-off timer, it will not light up.) - The "internal clean" display on the remote control will disappear after 3 minutes.

When canceling settings

Press the "internal clean" button again during heating, cooling, or dehumidification

- The "internal cleaning" display on the remote control disappears.

Please use it when the seasons change.

Manual internal cleaning operation (40 minutes)

While the operation is stopped

内部清浄

Press



- The plasma cluster lamp (blue) on the main unit lights up. "Internal clean" will be displayed on the remote control for 40 minutes. It will stop after 40 minutes.

When stopping

- Press the "Stop" button. (Plasma cluster lamp (blue) turned off)

About internal cleaning operation

In manual internal cleaning operation, cluster ions*, which are effective in removing floating mold bacteria, are sent into the indoor unit, and at the same time, the ventilation or heating operation dries the interior of the indoor unit, preventing mold from forming. Make it difficult.

In automatic internal cleaning mode, the air louvers are dried by blower operation to prevent mold from forming on the air louvers.

*About cluster ions

memo

- During internal cleaning operation, temperature, air volume, vertical air direction cannot be changed, or timer reservations cannot be made. (If you want to make a timer reservation, press the "Stop" button to stop the internal cleaning operation before doing so.) - The vertical wind direction is diagonally upward. However, for 30 minutes after the start of manual internal cleaning operation, it will be diagonally downward. Mold that has already formed cannot be removed by internal cleanin

What you need to know What you need to know

About heating operation

- Because it absorbs heat from the outside air and brings it into the room for heating (heat pump method), it becomes difficult to warm up when the outside temperature drops. In that case, we recommend using it in conjunction with other heating equipment. - If frost forms on the outdoor unit, it will automatically defrost and stop operating for approximately 5 to 10 minutes. When defrosting is finished, heating operation will resume.

About cooling operation

- During cooling operation, if the air volume is set to automatic, the air blowing at the start of operation will be delayed by about 1 minute. This is to prepare for blowing out cold air and to soften the room's odors that stick to the inside of the air conditioner and come out with the wind.

About dehumidification operation

- When dehumidifying operation starts, if the room temperature is high, the dehumidifier will automatically lower the room temperature slightly, and if the room temperature is low, the dehumidifier will not lower the room temperature too much.

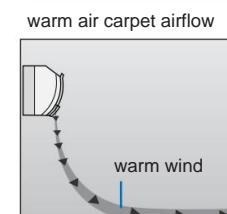
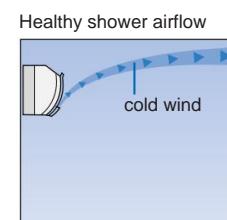
About operating conditions

- If you operate the machine under conditions other than those listed in the table on the right, the protective device may activate and you may not be able to operate the machine. • When the humidity is about 80% or higher, if you run the air conditioner or dehumidify for a long time, dew may form on the air outlet and drip.

Heating operation	Outside temperature about 24 $^{\circ}$ or less Room temperature about 28 $^{\circ}$ or
Cooling operation	less Outside temperature about 43 $^{\circ}$ or less Room temperature about 21 $^{\circ}$ or
Dehumidification operation	more Outside temperature about 16 $^{\circ}$ or more Room temperature about 18 $^{\circ}$ or more

About healthy shower airflow and warm carpet airflow

- Healthy shower airflow refers to the flow of cold air when it is blown diagonally upwards and sent along the ceiling.
Warm air carpet airflow blows warm air almost directly downward.
This refers to the flow of air when it is sent along a wall or floor. - If you set the vertical wind direction " " during cooling operation, the air blows diagonally upward and along the ceiling (healthy shower airflow) to prevent the feeling of cold air. When the vertical air direction is set to " " during heating operation, the air blows almost straight down and along the walls and floor (warm carpet airflow) to warm your feet. In addition, when the vertical air direction is set to "Auto", after the temperature in the room approaches the set temperature, the airflow will automatically change to the healthy shower airflow (when cooling) or warm carpet airflow (when heating).

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Care

Before cleaning, stop the operation and unplug the power plug.

If you perform maintenance while the machine is in operation, the fan inside is rotating at high speed and may cause injury.

cleaning the air conditioner

Cleaning the main unit, remote control, open panel, lower louver, left and right louvers

Guidelines for cleaning: When dirt starts to show

with a soft cloth, make a splash

If it is very dirty, use hot or cold water below 40°C, wring it out thoroughly, and then wipe it.



Do not use benzine, thinner, polishing powder, detergent, etc. It may damage the product.



It can be removed and washed with water.

How to remove/attach

pages 20-23

If you wash it with water, dry it well in the shade before applying it.

Remaining water may cause electric shock.

Wipe gently with a soft sponge or cloth

Wash with water and dry thoroughly in the shade.

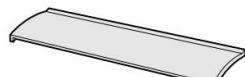
Please do not wipe too hard. Do not use the hard side of a scrub brush or sponge. (This may cause scratches.)

- Do not dry in direct sunlight or on a

stove.

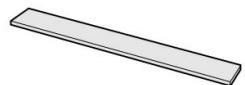
stomach.

● open panel



● lower louver

(Remove the upper louver.
not.)



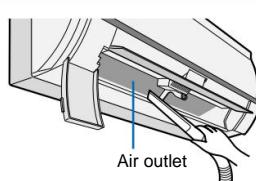
● left and right louvers

There are two, one on the left and one on the right. Do not disassemble.



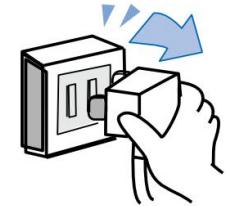
Air outlet

Use a vacuum cleaner to remove large dust particles.



wind direction louver

power plug pull out



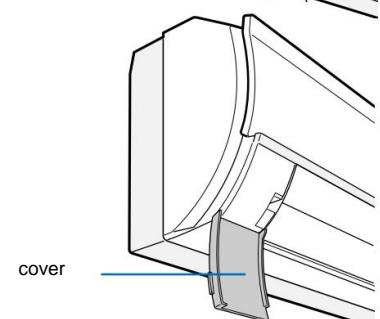
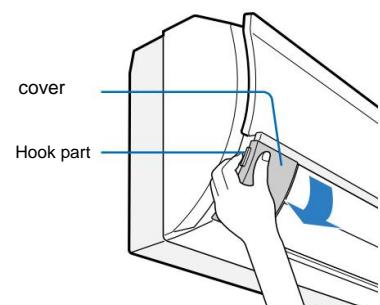
*The shape of the power plug differs depending on the model.

2

cover (left side) Open

Place your finger on the hook and pull the cover toward you downwards to open it.

*If you open the cover without unplugging the power plug, the operation lamp (red), timer lamp (orange), and plasma cluster lamp (blue) on the main unit will blink.



Zushikata

3

Remove the lower louver

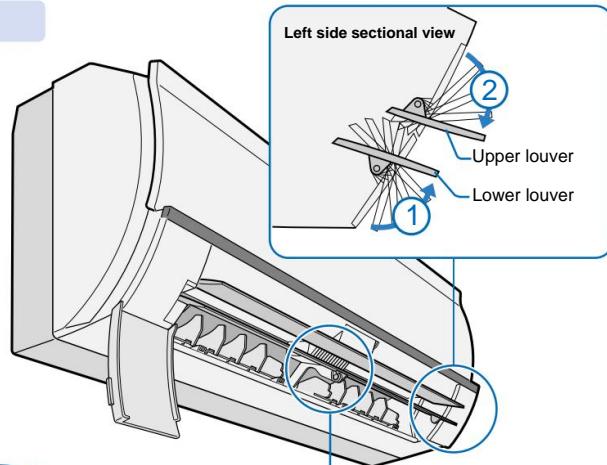
The upper louver cannot be removed.

① With the bottom side of the lower louver facing you

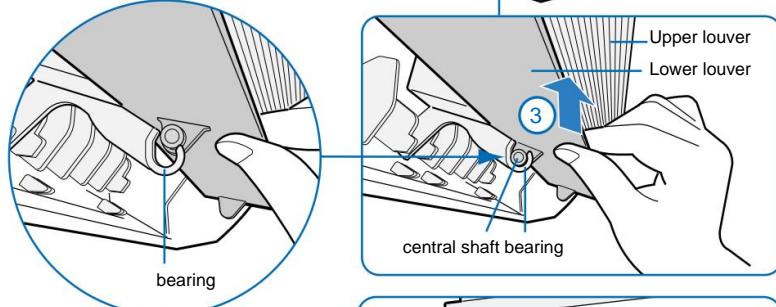
Push it open until it stops. Pull the top of

② the upper louver toward you to open
it until it stops.

③ Hold the center shaft of the lower louver
as shown in the illustration and push it up to
remove the louver's "center shaft" from the
"bearing."



④ Lift up the left end shaft of the lower louver,
remove it from the bearing, pull it toward you, and
remove it from the main body.

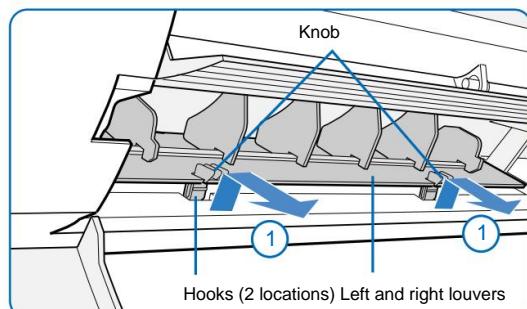


Four

Remove the left and right louvers

There are two, one on the left and one on the right.

① Push up on the two "knobs" on the left and right
louvers to release the "hooks," then hold
the louvers and pull them toward you to remove them.



Care

Before cleaning, stop the operation and unplug the power plug.

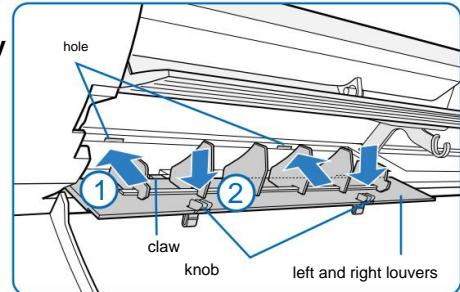
If you perform maintenance while the machine is in operation, the fan inside is rotating at high speed and may cause injury.

How to attach the wind direction louvers

Attach the left and right louvers to the main body

There are two, one on the left and one on the right. There is no difference between left and right.

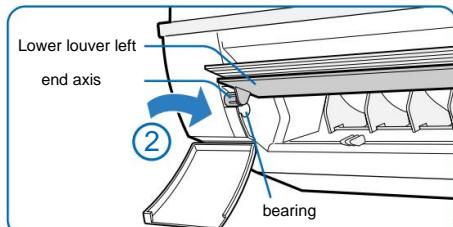
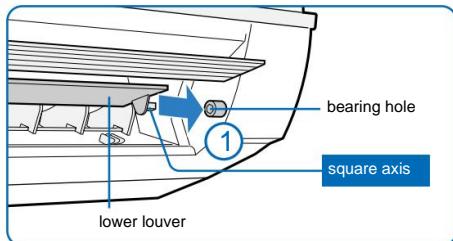
- ① Hold the louver and insert the "claw" at the back into the "hole" in the main body.
- ② Push the "knob" downwards and snap it into place.



Attach the lower louver to the main body

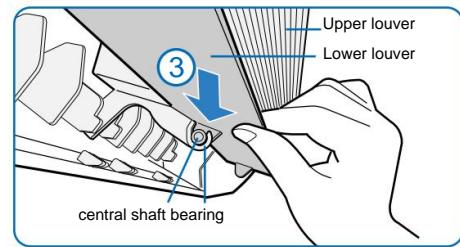
- ① Hold the lower louver so that its "square shaft" is at the bottom right, and push it into the "bearing hole" on the right side of the main unit.
- ② Fit the "left end shaft" of the lower louver into the "bearing" on the left side of the main unit.
- ③ Fit the "center shaft" of the lower louver into the "bearing" in the center of the main body.

At this time, remove the upper and lower louvers by hand.
Please don't close it. (Procedure of
(It will close automatically if you press the button))



Close the

Close the cover securely until it clicks.

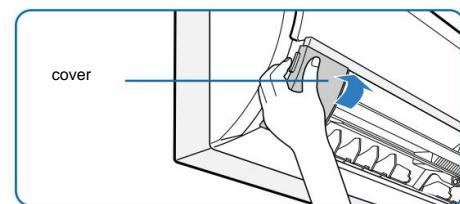


Four

Connect the power plug to the outlet plug in

The upper and lower louvers will close.

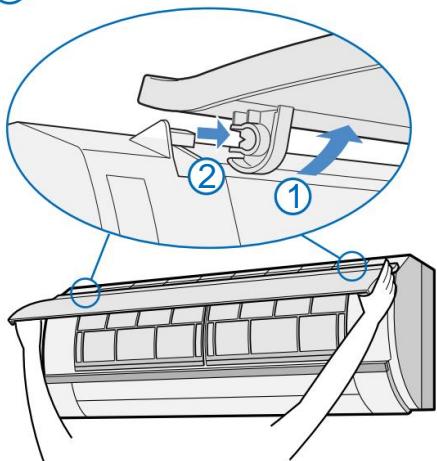
It takes approximately 30 seconds to close the louver. - If the cover is not securely closed, the operation lamp (red), timer lamp (orange), and plasma cluster lamp (blue) on the main unit will blink. - If the louver does not close all the way, press the "Stop" button on the remote control.



How to remove/ attach the open panel

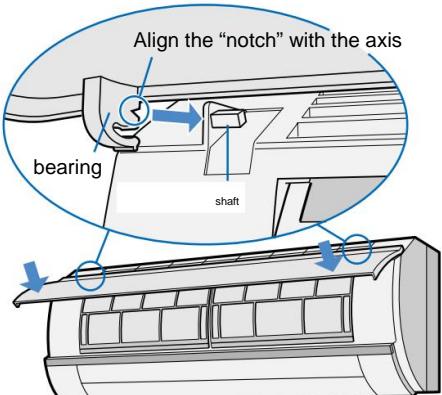
How to remove it

- ① Hold the bottom left and right sides of the open panel and pull it up toward you to open it.
- ② Pull it out horizontally and remove it.



How to wear it

- ① Fit the left and right "bearings" of the open panel into the "shaft" of the main body.
- ② Close the open panel.



Make sure to press the arrow parts (2 locations) firmly until you hear a "click" sound.

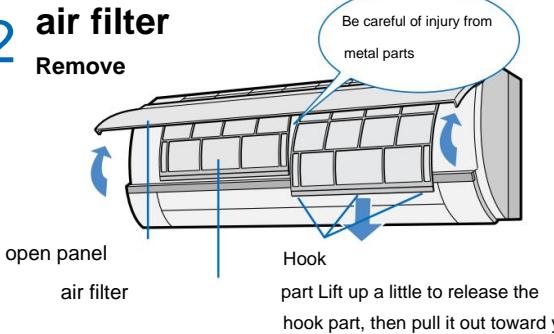
cleaning the air filter

Cleaning guideline: Once every two weeks

If it becomes clogged with dust, it may reduce performance or cause water leakage.

- 1 Hold the bottom left and right sides of the open panel.
Pull it up and open it.

2 air filter Remove



please note

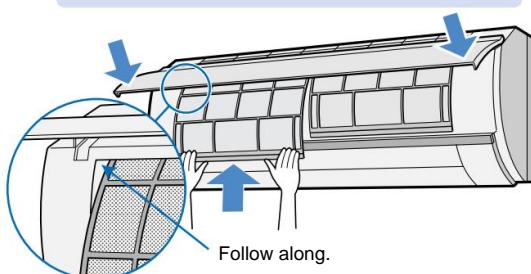
When using an air purifying filter (sold separately), be sure to remove it from the air filter . If you wash the air purifying filter with water, it will become unusable.

3 suck up dirt with a vacuum cleaner

If it is very dirty, wash it with water using a kitchen detergent (neutral) and dry it well in the shade.

Attach an air filter, Close open panel

Four Make sure to press the arrows (2 locations) firmly until you hear a "click" sound.



If you operate without an air filter, the inside of the indoor unit will get dirty and cause a malfunction.

Sold separately

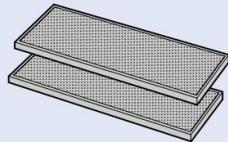
air purifying filter

Please purchase at the store where you purchased it.

When attached to an air conditioner, it removes dirt, dust, and odors from the air.

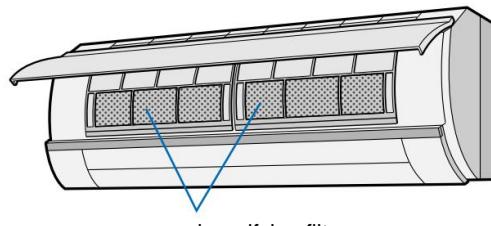
Model name: AZ-57FC (1 set of 2 discs)

32 pages

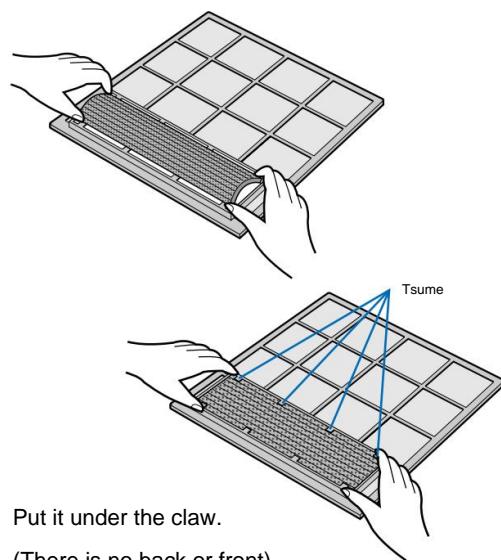


Once washed, it becomes unusable.

Please replace it approximately every 3 to 6 months.



How to install



use it well

After the season

•Perform manual internal cleaning operation.

Operates to prevent mold from forming inside the indoor unit.

18 page

•Stop operation and pull out the power plug.

If you are using a dedicated circuit for the air conditioner, also turn off the safety breaker.

•Clean the air filter.

23 pages

•Remove the batteries from the remote control.

Prevents malfunctions due to liquid leaks.

8 page

Before the season

•Air filter is included.

Suuka.

If you operate without it, the inside of the indoor unit will get dirty and cause a malfunction.

•Indoor/outdoor unit suction ports

Is the air outlet blocked?

•the ground wire disconnected?

The ground wire may be installed on the indoor side.

To have it, to have it, to have it

Curtains and blinds on windows

In winter, let in sunlight during the day and use curtains and blinds at night to prevent heat from leaking indoors. Especially in the summer, if you protect yourself from direct sunlight, you can save about 5% on energy.



Clean the filter frequently

If the air filter becomes clogged with dust, its performance will decrease and electricity costs will be wasted by approximately 5-10%. It may also cause water leakage. Be sure to clean it once every two weeks.



Keep the indoor temperature at an appropriate temperature

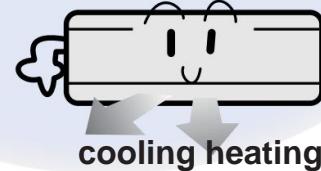
Adjust the temperature frequently to avoid getting too hot or too cold. You can save about 10% on electricity costs by increasing the temperature by 1°C during cooling and 2°C during heating. Also, when cooling, it is best to keep the temperature difference between indoors and outdoors within about 5 to 6 degrees Celsius.



The listed values vary depending on the usage environment, so please use them as a guideline.

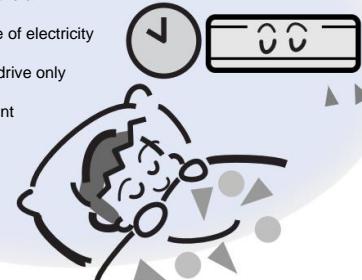
Good at adjusting wind direction

It is generally effective to have the vertical air direction louvers facing downwards when heating and horizontally when cooling.



enable timer

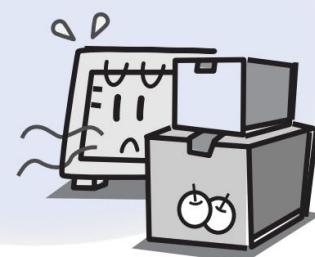
Forgetting to turn off the air conditioner is a waste of electricity bill. Use a timer and drive only for the required amount of time.



around the outdoor unit

without blocking

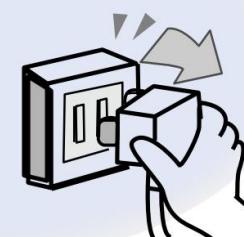
If you block the outdoor unit's air outlet with something, it will reduce its capacity and waste your electricity bill.



When the thunder starts

Unplug the power plug

To protect the air conditioner, stop operation and unplug the power plug.



another
Sale
/ Up
hand to oh
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Ta is
Ku
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Warranty and after-sales service

When requesting repairs On-site repair

Check to see if it is **malfunctioning**. Please inform the store where you purchased the product of the following:

Please give me

1. **2** If the problem persists, stop using the product
and be sure to unplug the power plug.

- Product name: Room air conditioner • Model name: (model name listed on the warranty)
- Purchase date (year/month/day) • Failure condition (specifically)
- Address (please include nearby landmarks) • Name, phone number, desired date of visit

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 store it in a safe place. • **Warranty period: 1 year from the date of purchase.**

However, only the following parts are valid for

5 years. Cooling system: compressor, heat exchanger, piping inside the unit. Please read the warranty carefully as charges may apply even during the warranty period.

During the warranty period

- Please present the warranty card when making repairs. The retailer will repair it according to the terms of the warranty.

When the warranty period has expired

If the product can be used after repair, we will repair it for a fee upon request.

Retention period of performance parts for repair

- We have retained performance parts for repairing room air conditioners for 9 years after discontinuing production. • Repair performance parts are parts necessary to maintain the functionality of the product.

Repair fee structure

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

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

Be careful when disposing

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

useful memo

To customers...It would be helpful if you fill in the date of purchase and store name.

Date of purchase	Store name

Year	Month	Day	Telephone () -



If using the product for a long time, please check the product!

Do you have any of these symptoms?

- The power cord or plug becomes abnormally hot. • There is
- burning smell, or there is an abnormal sound or vibration while driving. • Water leaks from
- the indoor unit. • Earth leakage breaker frequently trips. - There are other abnormalities or malfunctions.
-

To prevent malfunctions and accidents, stop using the product, unplug the power plug from the outlet, and be sure to contact your retailer. Please contact your dealer regarding the costs required for inspection and repair.

● Even if you do not have any of the symptoms listed on the left, we recommend that you have your device inspected approximately 5 years after purchase for safety and to prevent performance deterioration. Please consult your dealer regarding inspection costs.

Information on the customer consultation desk Information on the customer consultation desk

For "consultations" and "requests" regarding repairs, handling, and maintenance, please contact

Please contact the store where you purchased the product.

If you are unable to contact the retailer listed on the warranty because you have moved, received a gift, etc., please contact the following contact

- Point. For inquiries regarding product malfunctions or purchasing parts, please **contact the Sharp Repair Consultation Center.**
- You have any questions about how to handle the product or any other questions **contact the Sharp Customer Service C**

Sharp Repair Consultation Center

● Repair consultation center (excluding Okinawa/Amami area)

■ Operation hours *Monday to Saturday: 9am to 6pm *Sunday and holidays: 10am to 5pm (excluding year-end and New Year holidays)



0570-02-4649

This dial can be used from anywhere in the country for a flat fee. Before the ringtone, NTT will inform you of the estimated call charges.

(Note) Please call the number below from a mobile phone or PHS.

	<East Japan area>	& Western Japan area
● When using a mobile phone/PHS... (Landline phone)	043-299-3863 06-6792-5511	
● If you are sending a fax...	(FAX) 043-299-3865 06-6792-3221	

● For Okinawa/Amami areas, please contact the "Naha Service Center" listed below.

- In addition to the above-mentioned "Repair Consultation Center", inquiries regarding "bring-in repairs" and "parts purchasing" are also available at the following regional counters.

■ Operation hours *Monday to Saturday: 9:00 a.m. to 5:30 p.m. (excluding holidays and other company holidays)

[However, in the Okinawa/Amami area]... *Monday to Friday: 9:00 a.m. to 5:30 p.m. (excluding holidays and other company holidays)

Area in charge Location:	Phone number	Postal code	Address:
Service Center Sapporo, Hokkaido	011-641-4685	0903-0801 &	Nijushiken 1-7-3-17, Nishi-ku, Sapporo
Center Sendai, Tohoku Service Center Saitama Service	022-288-9142	984-0002	3-1-27 Ootorimachi Higashi, Wakabayashi-ku, Sendai City
Center Utsunomiya Service Center Tokyo Technical Center	048-666-7987	331-0812	2-107-2 Miyaharacho, Kita-ku, Saitama City
	028-637-1179	09320-0833	4-2-41 Fudome, Utsunomiya City
	03-5692-7765	114-0013	2-13-17 Higashitabata, Kita-ku, Tokyo
Kanto area	042-586-6059	091-0003	5-5-4 Hinodai, Hino City
Tama Service Center Chiba Service	047-368-4766	270-2231	295-1 Minorudai, Matsudo
Center Yokohama Technical Center	045-753-4647	09325-0036	City 1-2-23 Nakahara, Isogo-ku, Yokohama
	0543-44-5781	0942-0067	City 1170-1 Shimizu Torizaka, Shizuoka City
Tokai district	052-332-2623	0945-8721	3-5-5 Sanno, Nakagawa-ku, Nagoya
Center Kanazawa Service Center Kyoto	076-249-2434	0921-8801	4-103 Okyozuka, Nonoi-cho, Ishikawa-gun
Hokuriku district	075-672-2378	0601-8102	48 Sudacho, Kamitoba, Minami-ku, Kyoto City
	06-6794-5611	0947-8510	3-7-19 Kamminami, Hirano-ku, Osaka City
Kinki area	06-6422-0455	0661-0981	3-2-11 Inadera, Amagasaki City, Hyogo
Hanshin Service Center Hiroshima	082-874-8149	731-0113	Prefecture 2-13-4 Nishihara, Asaminami-ku,
Chugoku area	087-823-4901	760-0065	Hiroshima City 6-2-8 Asahimachi, Takamatsu City
Shikoku area	092-572-4652 Naha Service Center 098-861-0866	816-0081	2-12-1 Iida, Hakata-ku, Fukuoka City
Kyushu area		0900-0002	2-10-1 Akebono, Naha City
Okinawa/Amami area			

Sharp Customer Service Center

■ Operation hours *Monday to Saturday: 9am to 6pm *Sunday and holidays: 10am to 5pm (excluding year-end and New Year holidays)

East Japan Counseling Room	TEL 043-297-4649	FAX 043-299-8280	09261-8520 1-9-2 Nakase, Mihamachi, Chiba City, Chiba Prefecture
Western Japan Counseling Room	TEL 06-6621-4649	FAX 06-6792-5993	09581-8585 3-1-22 Kitakameimachi, Yao City, Osaka Prefecture

● Please note that the address, telephone number, etc. may change. (0410)

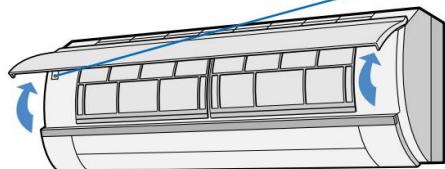
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In times like this

Emergency operation (when the remote control cannot be used)

You can use it as an emergency when you lose the remote control or the battery runs out.

The air conditioner automatically selects the operation details (heating, cooling, dehumidification) and temperature settings based on the room temperature and outside temperature at that time. Air volume and vertical direction are set to "Auto".



open the open panel

① Press
応急運転

(The operating lamp (red) on the main unit lights up)



When stopping

● Press the "Emergency Operation" button again.

(The operating lamp (red) on the main unit is off)



Do not press and hold the "emergency operation" button for more than 5 seconds while the air conditioner is running.

(Press and hold to activate forced cooling operation, which is performed by a professional engineer when relocating or disposing of an air conditioner.)

When you want to prevent remote control interference

When two air conditioners are installed in the same room, settings can be made to prevent interference using the remote control.

1

While the operation

is stopped , use a pointed object to press on the



リセット

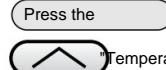
2



Press and hold the "Temperature" button for more than 5 seconds.

● It is displayed.

3



Press the "Temperature" button within 10 seconds and switch to " ".

● The factory setting is " ".

4

Within 10 seconds,

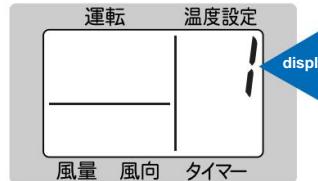
bring the device close to the receiver and press to send! (Setting completed)

● When sending, the upper and lower wind direction louvers open and close once.

Please be careful that other air conditioners do not receive the signal.

When stopping

Remote control display



memo

● If you change the batteries in the remote control or unplug the power plug after setting, the settings will return to the factory settings and interference may reoccur or you may not be able to receive signals. In that case, please set it again.

Is it malfunctioning?

Before requesting repairs or making inquiries, first,

Please check the contents on

If

you still feel unwell, please

contact the store where

The following cases are not malfunctions.

Is it malfunctioning?

Please check the following again.

at a time like this

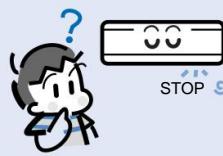
don't drive



lamp is flashing

(The operation lamp (red), timer lamp (orange), and plasma cluster lamp (blue) flash)

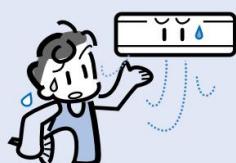
stop midway



lamp is flashing

Doesn't cool well

Doesn't warm up



Please check

- Is the breaker or fuse blown? ● Is the power plug disconnected? ● Is there a power outage? ● The air conditioner remains stopped. Please restart the operation after turning on the power.

- Did you clean the wind direction louver without unplugging the power plug? After installing the wind direction louver, press the "Stop" button on the remote control. Please press the button. If the light is still flashing, check that the cover on the left side of the main unit is securely closed.

- Isn't it time for the sleep timer to stop?

- The protective device is working. After checking the following, unplug the power plug, wait 30 seconds, then plug it back in and start operating.
- Is the air filter dirty? ● Are the air outlets and suction ports of the indoor/outdoor unit blocked? Are the aluminum fins of the outdoor unit clogged with leaves, paper, pet hair, etc.? If it is still flashing, please check the sales Please contact the store.

- Is the air filter dirty? ● Are the windows or doors left open? Also, when the outside temperature is high, the unit may not cool properly. - Are the air outlet and suction port of the outdoor unit blocked? Additionally, if the aluminum fins become clogged with leaves, paper, pet hair, etc., the performance may decrease and the protective device may not work properly.
- Is the temperature adjustment appropriate? ● Please measure the temperature difference.

It is normal if the indoor unit is operated for about 20 minutes and the temperature difference between the indoor unit's air outlet and suction port is

- 8°C or more when cooling and 14°C or more when heating. ● Isn't the air volume set to (slight)? Capacity may decrease in light winds. ● Are you currently making a reservation for the sleep timer?

**Even if you stop driving,
do not stop**

- Is the automatic internal cleaning operation in progress after stopping heating, cooling, or dehumidifying operations?

luck

Rotation

death

Na

stomach

Stop

Ma

Ru

Book

body

table

Show

but

point

Extinction

cold

picture

Na

stomach

Warmth

Ma

airflow

Na

stomach

Stop

Ma

Na

stomach

Reference

20

twenty two

17

twenty three

twenty five

12

12

17

18

Before requesting repair or making inquiries, please first check the contents on pages 29-31.

If you still feel unwell, please contact the store where

at a time like this		Please check	Reference
Li Mo Ko hmm	No reception No display on remote control	<ul style="list-style-type: none"> ● Is the remote control battery dead? ● Is the battery turned upside down? ● Are you sure to point the remote control at the air conditioner? ● Are your fluorescent lights getting old and flickering? - Have you set the remote control to prevent interference? Please set again. 	8 8 9 28
Muscle Made by but Thoughts Yo — to in tree Na stomach	Remote control does not work properly	● Press the "Reset" button on the remote control and try again.	8
Book body table Show	Air volume cannot be changed	<ul style="list-style-type: none"> ● Is the dehumidification operation in progress? ● Is the internal cleaning operation in progress? - Is the temperature of the air blown out during heating operation low (below body temperature)? When the hot air being blown out is low, the air volume is set to a low level. 	13 18
Wind Direction le Ba	temperature cannot be changed	<ul style="list-style-type: none"> ● Is the Plasmacluster operating alone? ● Is the internal cleaning operation in progress? 	15 18
Wind Direction le Ba	The plasma cluster lamp on the main unit does not light up.	<ul style="list-style-type: none"> ● Are you currently making a reservation for the sleep timer? ● Is the sleep cut-off timer running automatic internal cleaning after stopping heating, cooling, and dehumidifying operations? 	17 18
Wind Direction le Ba	Wind direction louver does not move/stops midway	<ul style="list-style-type: none"> ● Is the lower louver installed correctly? The upper and lower louvers will not work properly unless the cover on the left side of the main unit is securely closed. ● Press the "Stop" button on the remote control. If it still doesn't work, wait at least 30 seconds, then try again. Press the "Stop" button. 	twenty two
Wind Direction le Ba	Each wind direction louver works differently.	● Is the upper louver not swinging or the upper and lower louvers moving in opposite directions? Each louver is independently controlled and may behave differently.	13

⚠️ caveat

If you feel unwell, the lamp on the main unit is flashing, or any of the following symptoms occur, immediately stop operation, unplug the power plug, and contact the store where you purchased the product. Continuing to operate the product under abnormal conditions may cause malfunction, electric shock, or fire. (See page 26 for warranty and after-sales service)

- Breaker or fuse frequently blows. ● A foreign object or water was accidentally put into the product. ● The power cord or plug becomes abnormally hot. ● The operating noise is abnormally loud. ● Water leaks from the indoor unit.
-

Recommendations for inspection and maintenance

After using an air conditioner for 3 to 5 years, its performance may decrease due to dirt inside the air conditioner, and odors and water leaks may occur. In addition to regular maintenance, we recommend inspection and maintenance. For inspection and maintenance (charges apply), please contact the store where you purchased the product.

specification

	Indoor	AY-S22SBC	AY-S25SBC	AY-S28SBC	AY-S45SBC
	Outdoor	AU-S22SBY		AU-S28SBY	AU-S45SBY
Type: Separate type, air-cooled type, combined use for cooling and heating (inverter)					
Power supply Single phase 100V•50/60Hz					
Capacity (kW) 2.2 (0.8~2.6)		2.5 (0.8~2.7)	2.8 (0.8~3.1)	4.5 (0.8~4.7)	
south in reinforced concrete apartment (m) 2 (approximate area of western-style room facing wooden south facing Japanese style room 10)		17	19	31	
		11	13	20	
cold Power consumption (W)	435 (165-600)	500 (165-620)	605 (165-710)	1630 (165-1750)	
bunch Operating current (A)	5.1	5.9	7.0		
Energy consumption effi.		5.00	4.63		
Operating sound (noise) (dB)	43	44	44		
44	45	45			
Intermediate capacity (kW)	1.2	1.3	1.3		
Intermediate power consumption	245	230	225		
Standard capacity (kW)	2.5 (0.8~3.6)	2.8 (0.8~3.9)	3.2 (0.8~4.1)		
south in reinforced concrete apartment (m) 2 (approximate area of western-style room facing wooden south facing Japanese style room 10)	11	13	15		
Standard power consumption (W)	455 (165-850)	505 (165-890)	620 (165-930)	1550 (165-1780)	
Operating current (A)	5.3	5.9	7.1		
Energy consumption efficiency 5.49		5.54	5.16		
bunch Operating sound (noise) (dB)	Indoor 45	46	46		
Outdoor 45	45	45	45		
Intermediate standard capacity (kW)	1.3	1.4	1.5		
Intermediate standard power consumption (W)	240	240	240		
Year-round energy consumption	4.65	4.95	5.00		
efficiency Compressor output (%)	550	750	750		
Mass (kg)	Indoor 9		9		
Outdoor 29		30	34		
External dimensions (mm)	Indoor		790x198x278		
Width x Depth x Height (mm)	Outdoor		*30x250x540		
accessories	Instruction remote con.		I, warranty I, batteri	ol, as)	

●Driving characteristics are values based on JIS (Japanese Industrial Standards). ●The year-round energy consumption efficiency is based on measuring operating noise under actual installation conditions, it will vary and echoes. - When the power plug is plugged in, approximate operation.

to surrounding
the microcontroller even when

separately

(Suggested retail price as of January 2005)

use it at the store where you purchased it.

* purifying filter

ng dust collection filter Model

AZ-57FC (1 set of 2 pieces)

excluding tax 2,500 yen

Sharp Customer Service Center

hours] Monday to Saturday:

Inquiries about repairs...

sharp homepage

About cleaning the main unit

air conditioner requires a high level

If you clean it yourself using a

may malfunction.

The product

ut products...

97-4649 FAX 043-299-8286

Consultation Office TEL 06-6621-4649 F.

, and holidays: 10:00 a.m. to 5:00 p.m. (excluding year-e

to "Information on Customer Service Desk" on page 2

<http://www.sharp.co.jp/>



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System Business

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