

Room Air Conditioner

For home use

operating instructions

Model



A.Y.U.S.X.

AY-U22SX	AU-U22SXY
AY-U25SX	AU-U25SXY
AY-U28SX	AU-U28SXY
AY-U40SX	AU-U40SXY
AY-U50SX	AU-U50SXY
AY-U63SX	AU-U63SXY

**除菌イオン**

Plasmacluster Ions and Plasmacluster

is a trademark of Sharp Corporation.

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.

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Features Features

エコロジークラスでいきましょう。シャープ。

Room Air Conditioner

This product is eco-friendly in the following ways.

Green Materials Use products that are considerate of people and the global environment as much as possible

- Uses new refrigerant HFC (R410A) that does not destroy the ozone layer.
- Uses lead-free solder for the main board.
- Uses recycled paper and soybean oil ink for the instruction manual.

Use it wisely and make your class even more eco-friendly.

Keep the indoor temperature just right!

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

除菌イオン
プラズマクラスターイオン®による空気浄化

Plasmacluster ions purify the air in your room

The "sterilizing ions" surround and eliminate "allergens*1," "mold spores," and "viruses" floating in the air in the room.*2 They reduce the musty odor caused by mold growth and also suppress the activity of allergens and viruses, creating healthy air quality.

*1 Floating dust mite droppings and carcasses *2 Graduate School of Advanced Sciences of Matter, Hiroshima University (about airborne allergens), Ishikawa Prefectural Preventive Medicine Association (about airborne mold fungi), Kitasato Institute, Kitasato Institute Medical Center Hospital, Medical Environmental Science Center (about airborne viruses), Professor Artmann, Aachen University of Applied Sciences (biochemical elucidation of removal mechanisms) (Test method: releasing disinfecting ions into the air)

<p>Adjust the up and down airflow direction</p> <p>panel Page 7</p> <p>Cold air is blown diagonally upwards, and hot air is blown almost straight down.</p> <p>"Save wind stress" "Save Wind Stress" Page 35</p> <p>Leave the cleaning of your air filters to the air conditioner</p> <p>Filter cleaning operation Page 22</p>	<p>Exhaust the air from the room to the outside</p> <p>Ventilation operation Page 14</p> <p>Quickly heats or cools</p> <p>Full power Page 20</p> <p>Comfortable heating, cooling and dehumidification while you sleep</p> <p>Sleep driving Page 21</p> <p>Prevents room temperature from dropping</p> <p>Reheat dehumidification operation Page 34</p>
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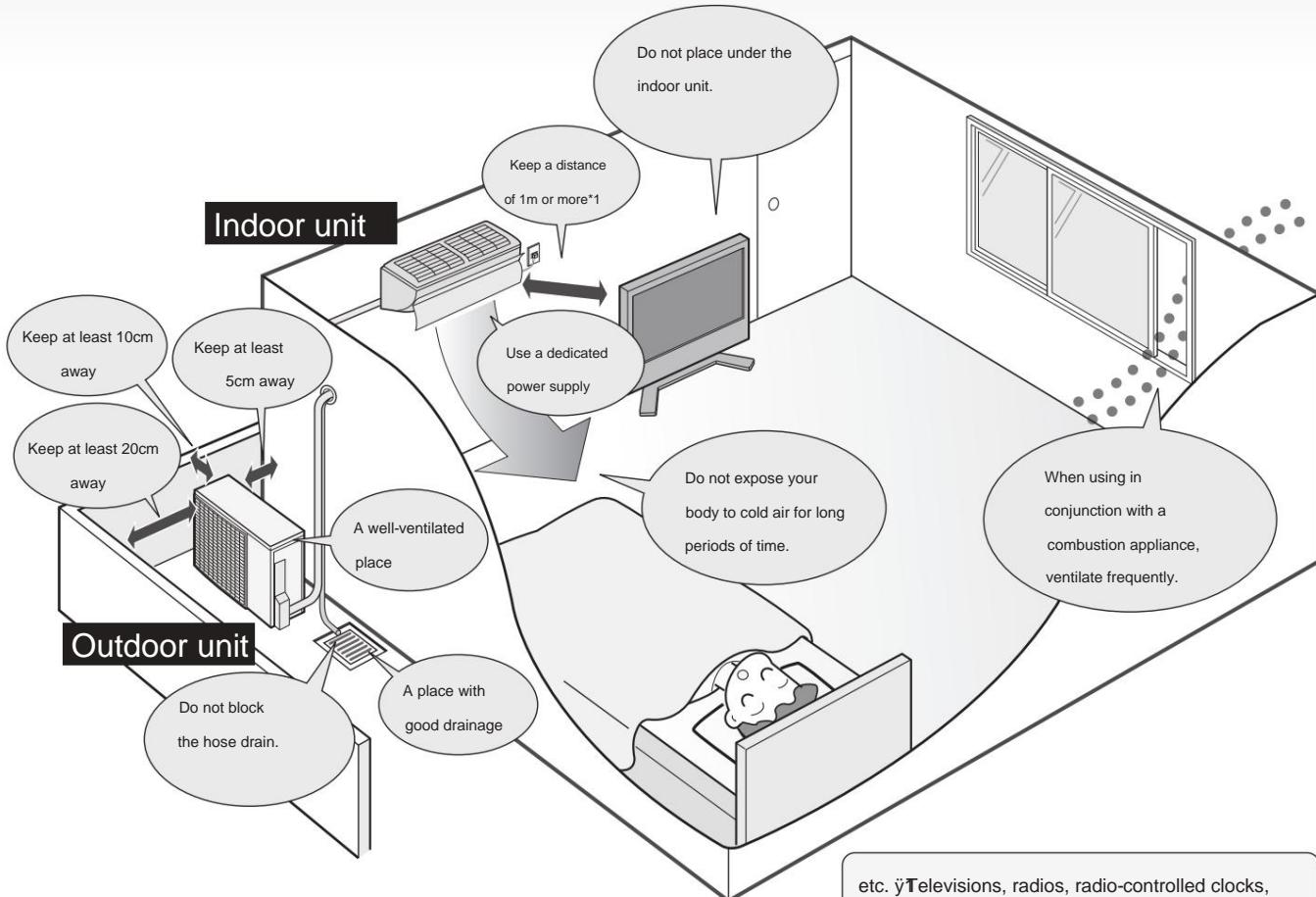
Please note



Installation should be requested from the retailer where you purchased the product or from a

specialist. Installation requires specialized knowledge and skills. Improper installation by yourself can result in water leakage, electric shock, or fire.

Please pay attention to the following:



Installation location

Avoid installing the unit in the following locations: - Seaside areas

- And other locations with high salt content. - Hot spring
- Areas and other locations with high levels of sulfur gas. -
- Locations with a lot of machine
- - Locations with a lot of water vapor or
- Oily smoke. - Locations where the outdoor unit may be blocked by accumulated snow. (Water discharged from the air conditioner should be in a location with good drainage.)

etc. etc. Televisions, radios, radio-controlled clocks, To prevent image distortion and noise, keep the unit at least 1m away from the indoor and outdoor units. (Keep the unit away from noise.) Water droplets may fall and cause damage or breakdown. *2

Electrical work

- Use a power supply with rated voltage and a circuit dedicated to the air conditioner.

Please be considerate of noise

- Please choose a location that: - Can withstand the weight of the air conditioner and does not transmit excessive operating noise or vibrations. - A location where the wind from the outdoor unit's air outlet and operating noise will not disturb neighboring houses.
- Do not place any objects near the air outlet of the outdoor unit. (This may cause a decrease in performance or an increase in noise.)
 - If you hear any abnormal noises during use, please consult the store where you purchased the product.

Relocation

When removing and reinstalling the air conditioner, specialized techniques are required, such as recovering the refrigerant. Please consult with the dealer where you purchased the product (or the "Customer Support Center"). In this case, you will be charged the actual cost of relocation.

Special
Long
/
Go
Note
Intention

Safety Precautions

This instruction manual and product contain various markings to ensure safe use. Please read the text carefully and follow the instructions carefully after fully understanding the contents (markings and symbols).

The problems that may arise from ignoring the "labels" and mishandling the product are classified as follows:



caveat

This indicates "content that may result in death or serious injury."



Note

This indicates "content that may result in injury or damage to property."

The types of precautions you need to take are categorized and explained using symbols.



• • • • • It represents "things you must not do."



• • • • • It represents something that "must be done."



caveat

Observe these precautions to prevent fire, electric shock, and serious injury.



Power plugs and cords

Prohibited

- Do not unplug the power cord while the unit is in operation
(this may cause electric shock or fire due to discharge).

Do not pull the power plug by pulling on the cord (this may cause a wire to break, resulting in heat generation or fire).



Do not insert or remove the plug or operate it with wet hands (this may cause electric shock).

- Do not make intermediate connections, use extension cords, or connect multiple power strips. • Do not bundle, pull, place heavy objects on, heat, or process the power strip (this may cause electric shock, heat generation, or fire).



Must be carried out

- Make sure to insert the power plug all the way in (to prevent electric shock or fire due to poor contact).
- Regularly remove any dust that accumulates on the power plug and outlet (to prevent electric shock or fire).



If an abnormality occurs (such as a burning smell), stop operation and unplug the power cord (continuing operation may result in breakdown, electric shock, or fire).

(For reasons such as the above) Please contact the store where you purchased the product or the "Customer Service"

Please contact the "Consultation Desk." Page 43



When using

Do not insert fingers or sticks into the air inlet or outlet.

(High-speed rotating fans can cause injury.)

Do not expose your skin to cold air for long periods of time or cool it too much (this can cause physical condition deterioration and health problems).



When installing, relocating or repairing

Must be carried out

- Always use a power outlet designed for air conditioners. • Always ask the retailer where you purchased the product or a specialist (do not do it yourself). (To prevent water leaks, electric shock, heat generation, and fire)

- Make sure that the earthing work has been done correctly (if you are unsure, it may cause electric shock). Do not connect the earth wire to gas pipes, water pipes, lightning rods, or telephone earth wires.

If the unit does not cool or heat, one possible cause is a refrigerant leak. Consult the store where you purchased the unit. If the repair requires the addition of refrigerant, have a service technician confirm that there is no refrigerant leak. (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.)



Do not use refrigerants other than HFC refrigerants (R410A) or piping that has been used with air conditioners that use refrigerants other than HFC refrigerants (it may cause serious accidents such as breakdowns or explosions).

Please observe these
precautions to prevent electric shock,
injury, and to protect your belongings.



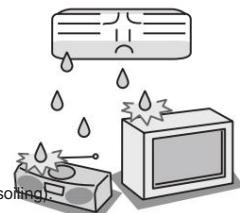
⚠ Note



When using

- Do not expose animals or plants to direct air.
- Do not use for storing food, animals or plants, precision equipment, or artworks (this may cause quality deterioration, etc.)
- Do not operate the unit with wet hands. • Do not place other electrical appliances or furniture underneath the unit (water may drip and cause damage or soiling).

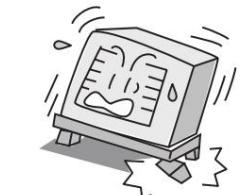
(Cause of breakdown or electric shock)



- Do not stand on or place objects on the outdoor unit (on a balcony, etc., as this may cause it to fall).



- Do not use the product on a damaged installation base (this may cause the product to fall and result in injury).



- Do not place objects or allow fallen leaves to accumulate around the outdoor unit.

(Insects and other insects may get in and cause malfunctions, fires, or smoke.)



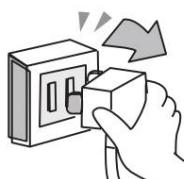
Must be carried out

- When operating the unit in conjunction with a combustion appliance, open the windows frequently to ventilate the room (insufficient ventilation can cause suffocation due to lack of oxygen).

- Place combustion appliances where they will not be directly exposed to the wind from the air conditioner (this can cause incomplete combustion in combustion appliances).

- If there is a risk of lightning, stop operation and unplug the power cord (lightning strikes can cause breakdowns).

- If you will not be using the product for a long period of time, unplug the power cord (accumulated dust can cause heat generation and fire).

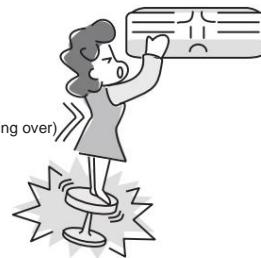


When cleaning

- Do not wash the air conditioner directly with water (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 fins of the unit (this may cause injury).



- Do not clean the inside of the indoor unit yourself.

(Causes water leakage, damage, malfunction, smoke, and fire) Please contact the store where you purchased the product or the Sharp Repair Consultation Center (page 43).



Must be carried out

- Always stop operation and unplug the power cord (the high-speed rotating fan may cause injury)

After washing the air filter, dry it thoroughly (remaining moisture may 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 earth leakage breaker is installed correctly.

(If uncertain, cause of electric shock)

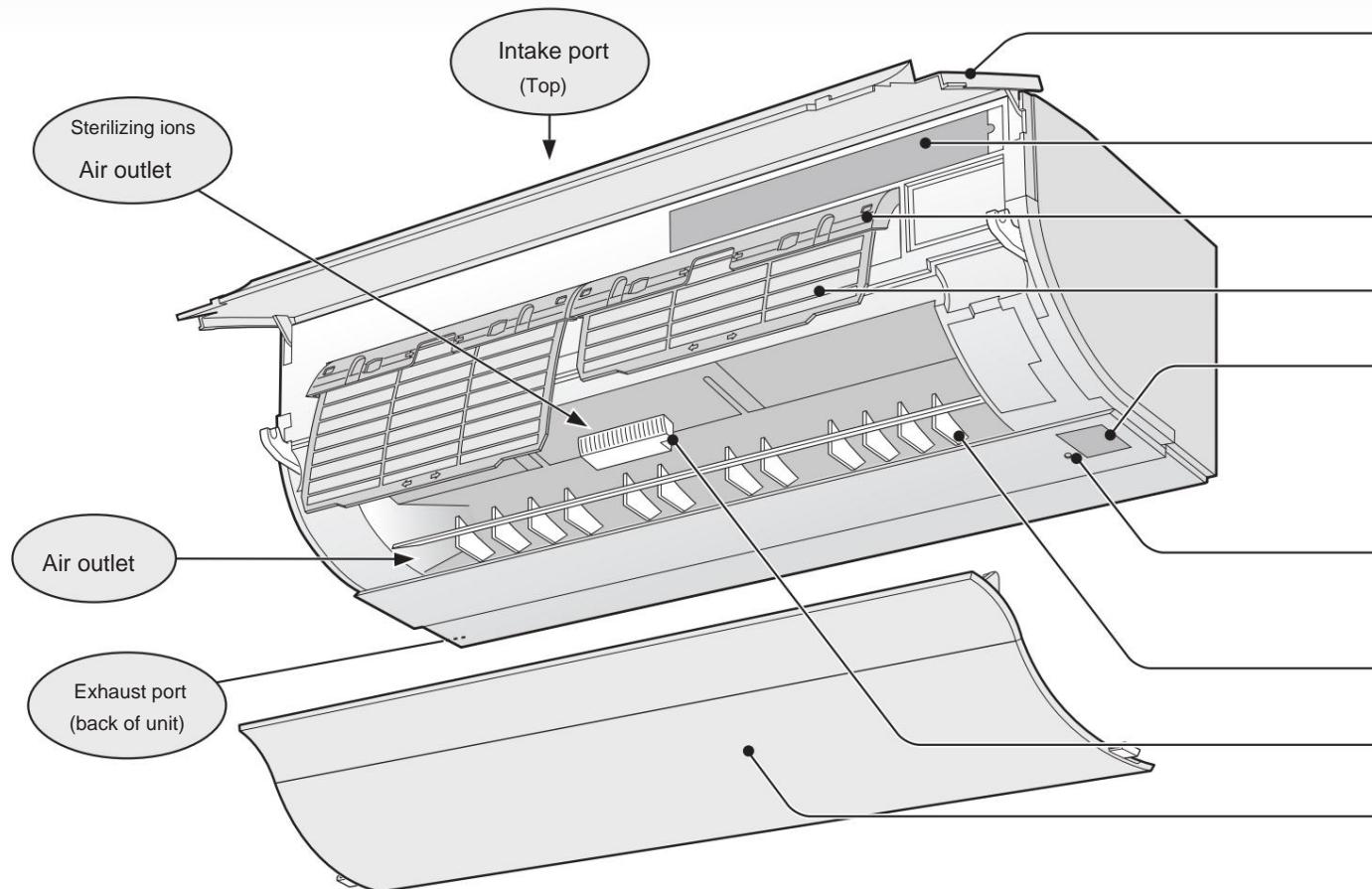
Check that the drain hose is properly installed so that water can be properly drained (if the drain hose is not properly installed, it may cause household items to get wet).

Cheap
all
above
of
Go
Note
Intention

Names of each part

The inside indicates the page with the main explanation.

Indoor unit



*The panel has been removed for illustration purposes.

Main unit display

(All shown for illustration purposes)

Sterilization ion sign (blue)

Lights up when sterilizing ions are operating.

クリーンサイン

Operation lamp (red)

Lights up while driving.

Ion

Timer lamp (orange)

Lights up when timer is set.

運転

●

Filter cleaning lamp (green)

Lights up during filter cleaning operation.

換気

フィルタ掃除

湿度運動

Clean Sign (Green/Orange/Red)

When the odor sensor detects air pollution in the room, the color will change. (The light is off for 1 minute after the operation starts because the sensor is still detecting the odor.) The light is off when cleaning the filter, cleaning the interior, preventing mold and condensation, and drying clothes.

Color	Room dirt level
Green	Clean Small
	dirt Large
	dirt
Orange Red	

Ventilation lamp (green)

Lights up when ventilation is being set.



Humidity indicator lamp (orange)

Lights up during humidity linked operation.



Panel Information

Open the upper cover when cleaning the filter.

Main unit display See below

Filter cover (left and right)

Air filters (2 pieces, left and right) Page 40

The receiver receives signals from the remote control. For easier reception, it is also located on the main unit display.

Emergency operation button Page 32

When the remote control doesn't work.

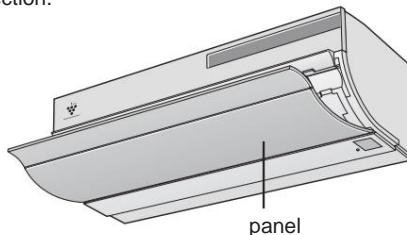
Left and right air direction louvers

Outlet temperature sensor Page 21

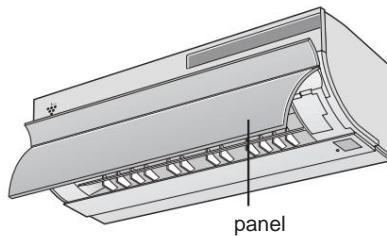
Panel (top/bottom) Pages 38 and 39

This air conditioner has a panel that opens when in operation. Depending on the operation, the top or bottom of the panel opens to adjust the airflow direction.

When the top is open



When the bottom is open



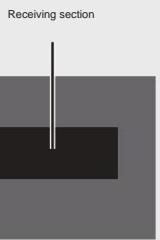
When you want to change the up/down airflow direction during heating or cooling operation, Page 18

Note

- Do not touch the panel when opening or closing it, or when the panel is open. Also, do not insert any foreign objects into the air conditioner. (This may cause injury, damage, or malfunction.) - After cleaning the panel, etc., be sure to properly install the panel and close it securely. (To prevent malfunction.) Page 38

Note

- Keep the panel closed during filter cleaning operation.



Temperature display (green)

Displays the room temperature during

operation. Displays the remaining operation time during interior cleaning

operation. Turns off during filter cleaning operation.

The temperature display on the unit shows the indoor temperature in 1 degree increments.

When the temperature is lower than 16°C , it will display " ".

When the temperature is higher than 40°C , it will display " ".

This can be used as a guide when setting the temperature.



Note

- When the temperature or humidity setting is changed, the set temperature and humidity will be displayed on the temperature display for 5 seconds.

The displayed indoor temperature is a guideline. It detects and displays the temperature around the air conditioner, and may differ from the actual temperature. The displayed temperature may also differ from that of commercially available thermometers.

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Names of each partNames of each part (continued)

Remote Control

Display

Displays the operating status. (All are displayed for explanation purposes.)

Transmission indicator

Lights up when a signal is sent to the air conditioner.

Automatic button

Page 12

自動

除湿

停止

暖房

Cooling button

Page 12

冷房

Full Power Button

Page 20

湿度

温度

Humidity button

Page 16

生活除湿

おやすみ

Daily Life Dehumidification Button

Pages 24 and 25

Prevents mold and condensation, and when using the clothes drying function.

Filter cleaning button

Page 22

フィルター

掃除

換気

切タイマ-

Ventilation button page 14



When the cover is opened

Air volume button

Page 16

風量

表示

Up/down wind direction button

Page 18

上下風向

入タイマ-

Left/right wind direction button

Page 18

左右風向

タメヤ-

Humidity Link Button

Page 26

内部清潔

ナタヤ-

Reset button When you
replace the batteries in the remote control.

Setting button

Page 33

Used to set the room shape and installation position.

Sensitivity button

Page 31

When adjusting the odor sensor sensitivity.

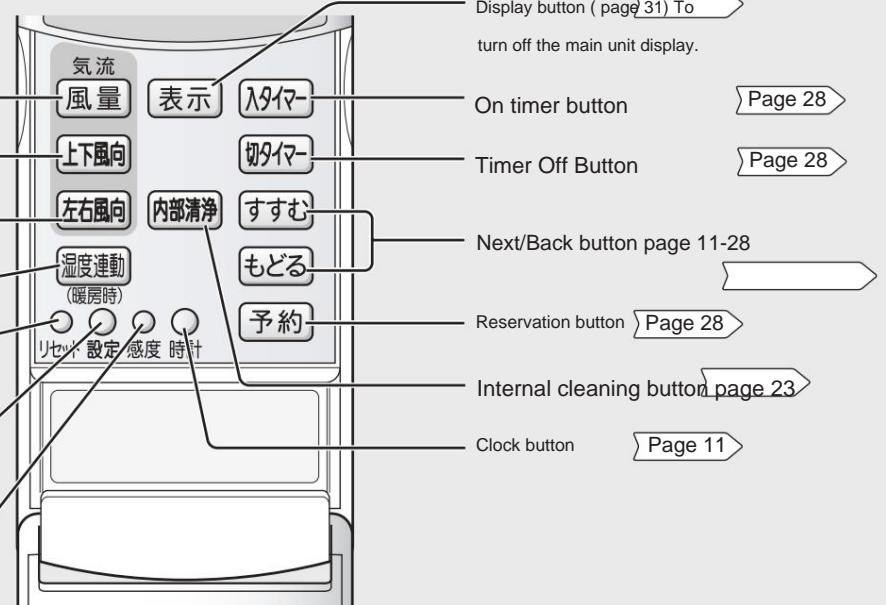


How to open the cover:

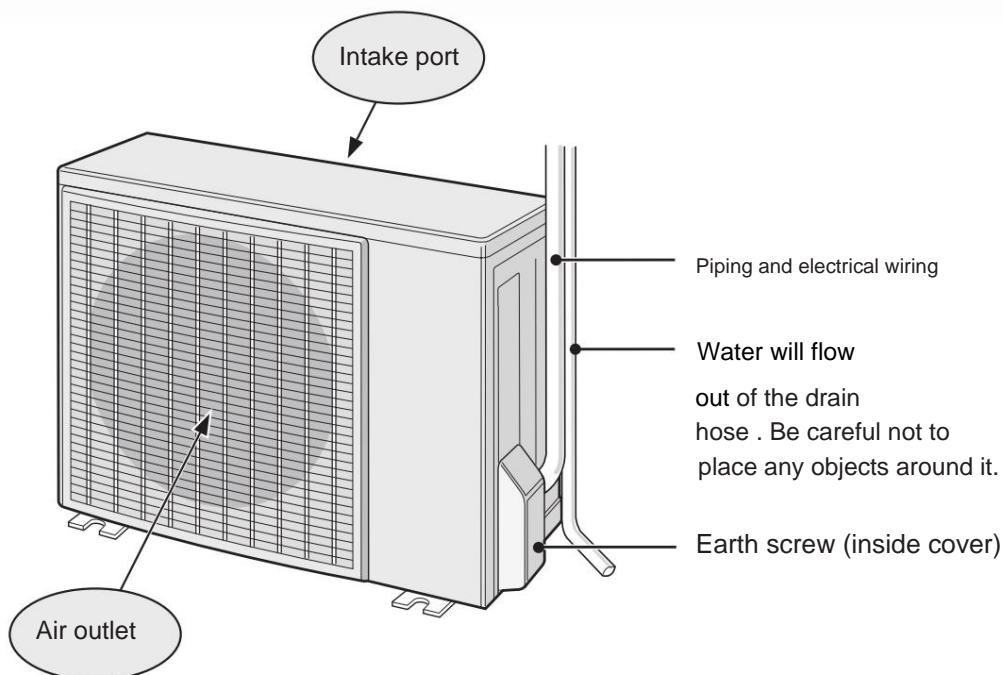


Lift the cover
towards you to open it.

When closing the cover, make sure
you hear a click. (If it is not closed securely, it will
not function properly.)

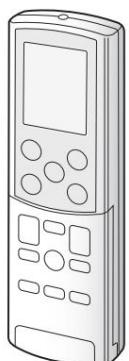


Outdoor unit



accessories

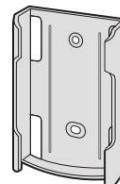
ÿ Remote control



ÿ Batteries (2 pcs)
(AAA size R03)



ÿ Remote control holder



ÿ Mounting screws for remote control
holder (2 pieces)



ÿ Printed materials • Instruction manual • Installation manual • Warranty (1 copy of each)

*This product is intended for use in Japan and does not include instructions in any language other than Japanese.

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

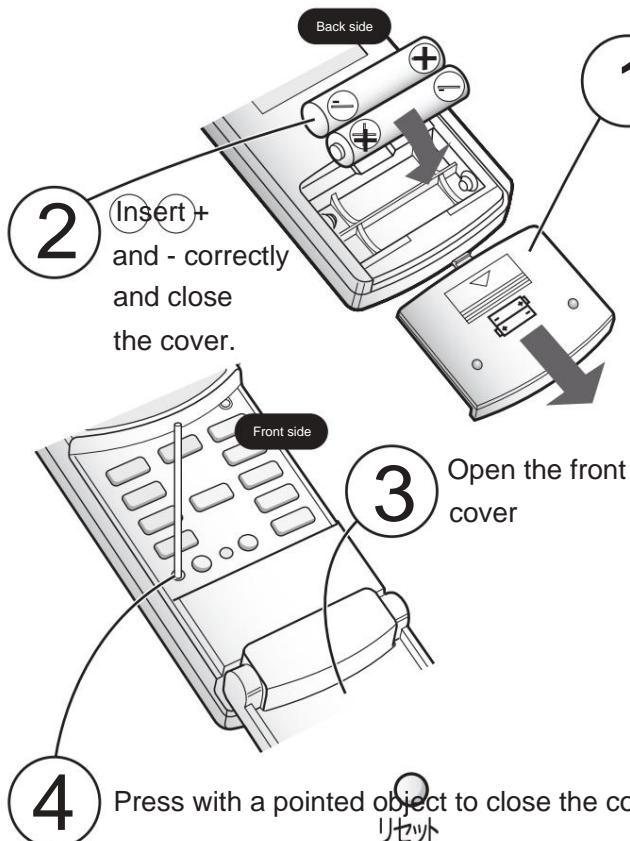
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Product

Preparation before driving Preparation before driving

procedure

1. Insert the batteries into the remote control.
2. Set the current time.

Insert batteries into the remote control (use two AAA batteries (R03))

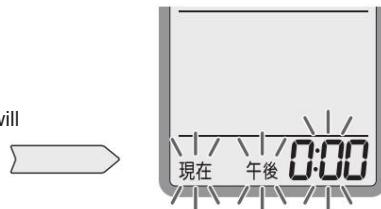


- To avoid malfunction, be sure to press the "Reset" button. • The time display will start flashing, so please set the current time. Page 11

About the battery

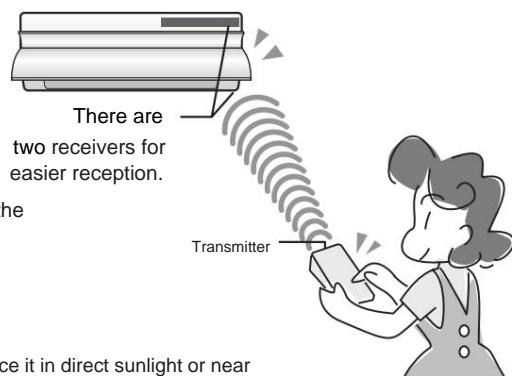
- The battery life is approximately one year. Replace the battery when the remote control display becomes dim or when signals are not received. - The included batteries are for monitoring purposes only and may be depleted in less than one year. - Incorrect use of batteries may cause leakage or explosion, so please take note of the following: - When replacing batteries, use two new batteries of the same type. - Remove the batteries if the unit will not be used for an extended period of time. (To prevent breakdowns due to leakage) - If the battery solution gets in your eyes, on your skin or on your clothes, immediately rinse with clean water.

<Remote control display>



How to use the remote control

- Aim the remote control at the receiver on the main unit when operating it. • The signal can reach a range of approximately 7m in front. • Make sure there is nothing blocking the signal. • When a signal is received, the main unit will emit a "beep" or "beep" sound. • Make sure the cover is securely closed before pressing the buttons on the top of the remote control cover.



Set the current time



Example: To set the time to 10:00 AM



Set the time

●The time changes in 1-minute increments.

●Press and hold to fast forward the time.

<Remote control display>



(Current time setting completed)



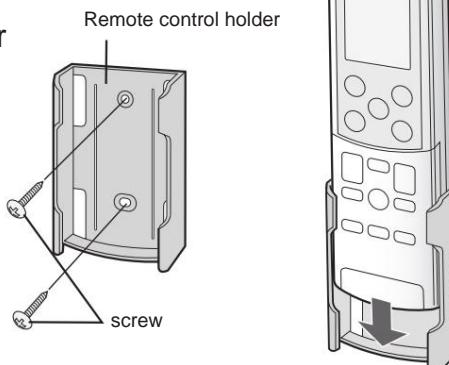
Note

- To change the current time, please start again from the beginning. •The current time cannot be adjusted while the timer is in progress. •The timer cannot be set unless the current time is adjusted.

Can be hung on a wall etc.

How to attach the remote control holder

Press the "Stop" button on the remote control and attach the remote control holder to a position where you can hear the receiving sound from the main unit. Secure it in place with the two included screws.

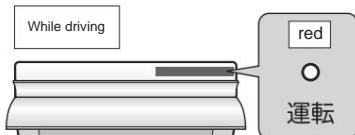


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Automatic heating, cooling and dehumidification

Automatic, heating, cooling and dehumidification operation can be performed with a single touch.

●Operates in combination with sterilizing ion operation and ventilation operation. [Pages 13-15]



Example: During autonomous driving



自動 暖房 冷房 除湿 of

Choose one

The selected operation will start. [For detailed operation instructions, see page 34.]

When stopping

●The operation lamp (red) on the main unit will turn off and the "Operation Contents" display on the remote control will turn off.

Immediately after plugging in the power

- After plugging in the power, the panel may not open immediately (for about 2 minutes) (this is because the panel is preparing to open). During dehumidification operation,
- the room temperature may change by about 2 to 3°C because humidity is controlled with priority over temperature. If the room temperature and humidity drop, the operation may stop.
- During cooling
- operation or when the room temperature and humidity drop, the unit may only blow air.

Automatic filter cleaning and internal cleaning after memo stop

[Pages 22 and 23]

If "Filter cleaning" or "Internal cleaning" is displayed on the remote control, the filter cleaning operation or internal cleaning operation will start automatically when operation is stopped.

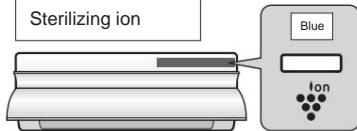
Sterilizing ions

It can be operated with just the sterilizing ion unit or in combination with other functions.

- Generates disinfecting ions* to purify the air in the room.

*About the effectiveness of disinfecting ions

Page 2



[Estimated electricity cost] per hour

- Sterilizing ion operation alone (automatic airflow)...approx. 0.5 yen

*The unit price is calculated at 22 yen/kwh (tax included).



Operation with only sterilizing ions

During stop



When stopping



The display on the unit goes off.

The " " indicator on the remote control turns off.

Automatic heating and cooling

Combined operation with dehumidification and ventilation

When you purchase the product, the automatic, heating, cooling and dehumidification modes are set to use the sterilizing ion mode.

During automatic heating, cooling, dehumidification, and ventilation operation



When canceling the use of disinfecting ions

During combined operation



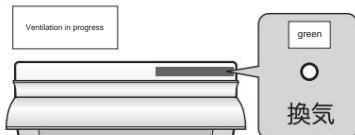
The sterilizing ion sign (blue) on the main unit will turn off and the " " display on the remote control will turn off.

Note : When the sterilizing ion unit is operating alone, you cannot change the temperature or humidity, or set the on timer.

ventilation

It can be operated as a standalone ventilation unit or in combination with other units.

- Ventilates the room by expelling air outside.



Single operation of ventilation only

During stop

換気



Choose your favorite driving style (4 types) [Right page](#)

When stopping



The display on the main unit turns off and the " " display on the remote control turns off.

Automatic heating and cooling

Combined operation with dehumidification and disinfection ions

When you purchase the product, the automatic heating, cooling, and dehumidification modes are "Automatic ventilation operation" is also set to be used.

During automatic, heating, cooling, dehumidification, and sterilizing ion operation

換気



When canceling ventilation

During combined operation



Select "Cancel". [Page 15](#)

The ventilation lamp (green) on the main unit will turn off and the " " display on the remote control will turn off.

換気



[Estimated electricity cost] per hour

●Rapid ventilation single operation: Approx. 0.6 yen

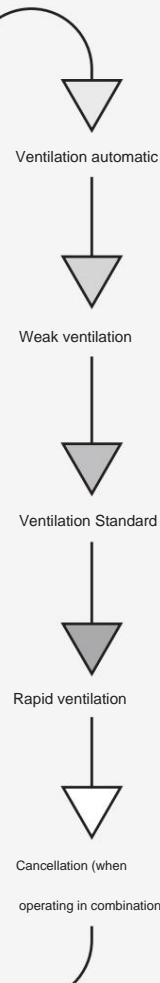
*The unit price is calculated at 22 yen/kwh (tax included).

You can choose from 4 different driving modes. (Please choose your preferred driving mode.)

換気



Each time you press the button, the operation changes as follows:



When the air in the room becomes dirty, the ventilation will automatically operate at standard mode, and when the air becomes clean, it will stop. Also, when operating alone, if the room temperature becomes higher than the outside temperature, the ventilation will automatically operate at standard mode. Please use this function when you go out in the summer.



Weak continuous ventilation operation is performed.



Continuous ventilation operation.



Strong continuous ventilation operation is performed.

The operation noise will be louder because the ventilation is performed at maximum capacity. Normally, please use a setting other than fast ventilation.



Cancel ventilation.

There is no "cancellation" when operating independently.

(When you want to stop, press the "Stop" button.)

Note

- On automatic ventilation operation, the ventilation lamp (green) on the main unit remains lit even when ventilation is stopped. ● When ventilation is in independent operation, you cannot change the temperature, humidity, or air volume, or schedule the on timer.
- When operating the unit together with a combustion appliance, open the windows frequently to allow ventilation. Ventilation cannot compensate for the lack of oxygen caused by combustion. Also, the unit does not have the same strong ventilation capacity as a ventilator.

Automatic ventilation operation

After the operation starts, the unit operates in standard ventilation mode for one minute, then monitors the ~~air pollution~~ in the room with the odor sensor, and depending on the level of pollution, it operates in standard ventilation mode if the air is dirty, or stops if the air is clean. In addition, in the case of independent operation, when the outside temperature is about 18°C or higher and the room temperature is about 25°C or higher, such as in summer, the unit will automatically operate in standard ventilation mode if the room temperature becomes about 4°C higher than the outside temperature.

Temperature Humidity Airflow

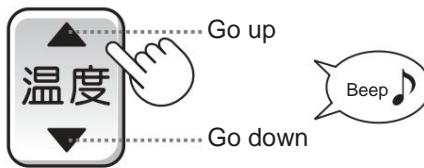
You can adjust the temperature, humidity and airflow to your liking.



During heating and cooling operation,
you can set the long or short time by
combining the air volume and up/down
air direction settings. Page 30

Vary the temperature

During heating and cooling

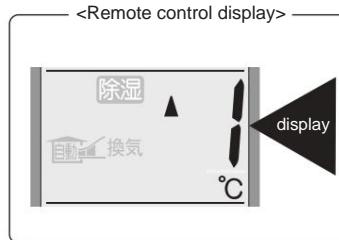


● Each press changes the temperature by 1°C.

<Remote control display>

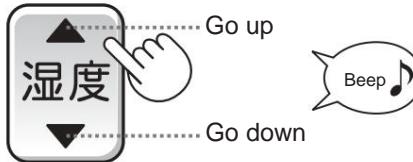


Dehumidification/Automatic



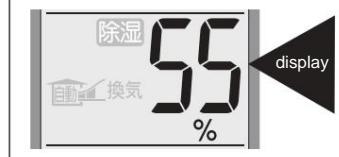
Change the humidity (only when dehumidifying)

When dehumidifying



● Press to change by 5%.

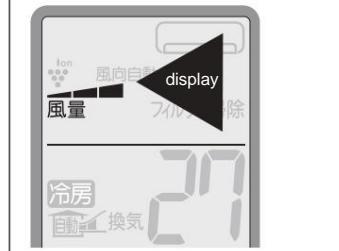
<Remote control display>



Change the airflow



<Remote control display>



It can be adjusted.

Product Display

The set temperature will be displayed for 5 seconds and then the display will return to the room temperature.

27

Temperature setting range:

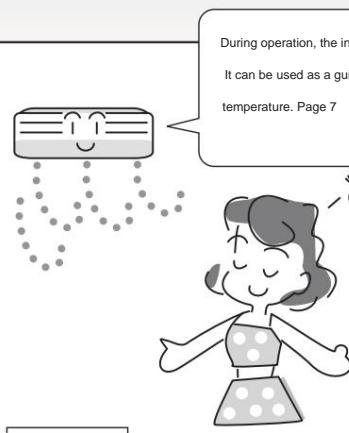
18°C to 32°C

Recommended

temperature settings :

Heating: 20°C to 24°C Cooling: 25°C to 28°C

● Next time, it will operate at the same set temperature.



Note

When dehumidifying

Press the "Temperature" button (↑ or ↓) once, the humidity display on the remote control will disappear for a moment, and pressing it again will allow you to change the temperature setting. (After 5 seconds, the humidity display will return.)

● When dehumidifying and the outside temperature is low, the room temperature may not rise even if you increase the temperature setting.

Product Display

The set temperature will be displayed for 5 seconds and then the display will return to the room temperature.

27

(The display on the remote control may differ.)

Adjustable range : 2°C

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

34 (remote control)

2°C	display) (2°C higher)	(1°C higher)
2°C	(2 degrees lower)	1°C (1°C lower)
Off (standard)		

Product Display

The set humidity is displayed for 5 seconds and then the display returns to the room temperature.

55

(It does not display the indoor humidity.)

Humidity setting range

40% to 60%

Recommended humidity setting

Dehumidification: 50-60%

Note

● Depending on the room and outside conditions, the set humidity may not be achieved.

Each time you press it, the display changes as follows:



● Cannot be switched during dehumidification (fixed to automatic).

When the air volume is automatic

When in automatic heating or cooling mode, the fan will be strong until the room temperature reaches the set temperature, at which point it will become weaker.

When dehumidification and sterilization ions are operated alone
The airflow will be weak.

Warm
Degree
•
Humidity
Degree
•
Wind
amount

Up/down wind direction Left/right wind direction

You can adjust the airflow direction up or down as you like.



Change the wind direction up and down

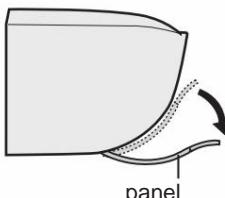


The top or bottom of the panel opens to adjust the airflow direction up or down.

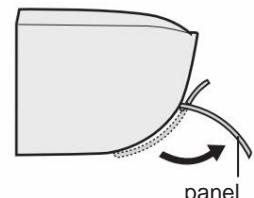
<Remote control display>



example



● The top of the panel will open.



● The bottom of the panel will open.

Change the wind direction left and right



<Remote control display>

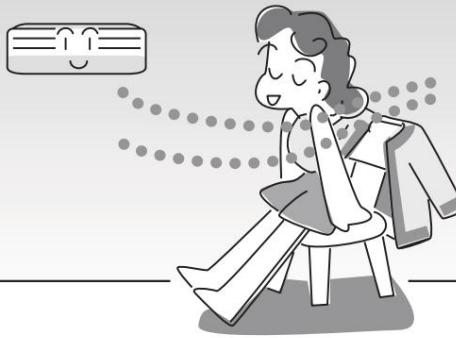


During heating and cooling operation, you can set the long or short time by combining the air volume and up/down air direction settings. Page 30

Note

- The direction of the left/right air direction "arrows" on the remote control differs from the actual angle of the left/right air direction louvers.
- When the air conditioner installation position is set to "Left" or "Right", the left/right air direction louvers will not be in a straight line even if the left/right air direction on page 33 is set to "Straight".

The left and right airflow direction can be adjusted.



Each time you press it, the display changes as follows:

During heating operation

During cooling operation

When using automatic, dehumidification, sterilization ion only, or ventilation only

(Diagonally below) (Below) (Directly below)

(Diagonal up) (Diagonal down)

(Diagonally Down)

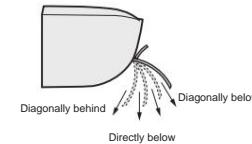


(Manual) Heating/Automatic Heating

When the temperature of the air being blown out is low, it blows out diagonally backwards, and when it warms up, it blows out downwards.

When the room warms up (5 to 20 minutes after the set temperature is reached), it blows out almost directly downwards.

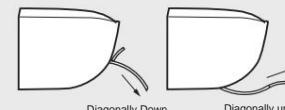
(New airflow that saves "wind stress") Page 35



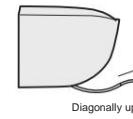
(Manual) When cooling or automatic

cooling starts, air is blown diagonally downward. After 10 minutes or when the room temperature reaches the set temperature, air is blown diagonally upward. (New airflow that reduces "wind stress")

Page 35



When dehumidification, sterilization ions, or ventilation are used alone, air is blown out diagonally upwards.



Each time you press it, the display changes as follows:

(Straight) (Strong left)

(Strong right)

(Wide) (Left Swing) (Right Swing) (Full Swing)

左強め

強め右



.....Blows air in a straight direction.



...To the left of the air conditioner or



Bring more wind to the right.



.....Spreads the wind to both ends.



...Swing within the range where the arrows light up.

please

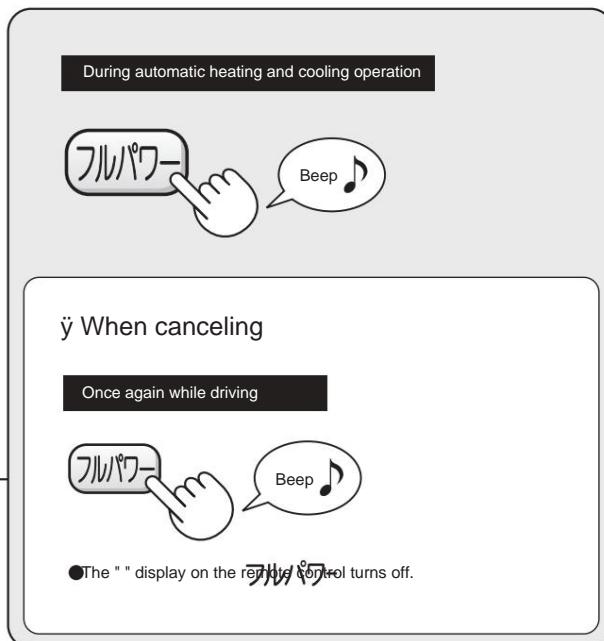
When adjusting the up/down or left/right airflow direction, be sure to use the remote control.

- Adjusting it by hand may cause malfunction, abnormal noise, or breakdown.
- If the operation has stopped but the panel does not close, press the "Stop" button on the remote control. If it still does not close, unplug the power cord, wait 30 seconds, and then plug it back in. ● If the up and down airflow directions are facing downwards and the unit is operated in cooling or dehumidifying mode for a long period of time, dew may form around the panel and the left and right airflow direction louvers and fall.

above
under
wind
Direction
left
right
wind
Direction

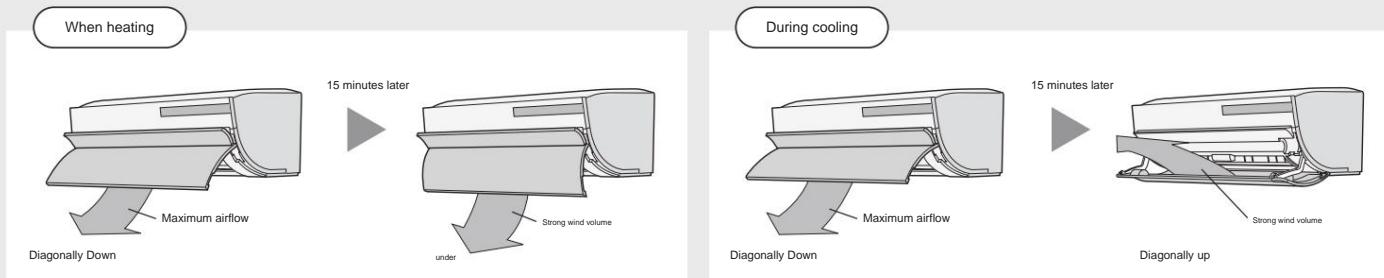
Full Power

In order to heat or cool the room as quickly as possible, the heating or cooling function is set to a high level.



About full power operation

By operating at maximum power, it heats or cools the room as quickly as possible.



Note

- The temperature and airflow cannot be changed during full power operation. •For about
- to 3 minutes after the start of heating operation, or about 1 minute after the start of cooling operation (when airflow is automatic), the unit will not operate at a strong power even if it is in full power operation. (This is to prepare for the blowing of hot or cold air.)

good night

While you sleep, the unit provides comfortable heating, cooling and dehumidification.



During automatic, heating, cooling, or dehumidification operation

- All displays on the unit except the operation lamp and timer lamp are turned off. (Even if the lamps are turned off, operation will continue.)

When canceling

Once again while driving

- The " " display on the remote control turns off. •The display on the main unit, which was off, turns on.

About sleep driving

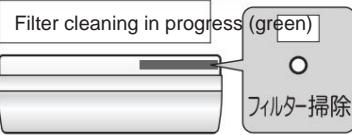
Display on main unit	All displays on the unit will be turned off except for the operation lamp and timer lamp. (Displays on the unit such as sterilization ion and ventilation operation will be turned off, but operation will continue.)
Temperature setting	After one hour, the set temperature will be lowered by approximately 3°C when heating and raised by approximately 1°C when cooling or dehumidifying to prevent the room from becoming too hot or too cold.
The air volume and up/down direction will be set to "automatic." (Air volume and direction can be changed.)	Pages 16 and 18
Outlet Temperature	During cooling, the outlet temperature sensor monitors the <small>Page 6</small> and adjusts it so that the outlet temperature does not drop too low.

Filter cleaning To clean the air filter,

Leave it to the air conditioner.



There is an "automatic" mode which operates "once a day (approximately once 24 hours)" after the air conditioning is stopped, and a "manual" mode which can be used during seasonal changes.



Automatic filter cleaning operation (approx. 4 minutes 30 seconds)

When you purchase the unit, the filter cleaning operation is set to run automatically after the automatic, heating, cooling or dehumidification mode is stopped.

During automatic, heating, cooling, or dehumidification operation

It will not work within about 24 hours after the last filter cleaning operation.

フィルター

掃除

Beep ♪

●When the " " indicator on the remote control is lit and the filter cleaning operation is in progress, Lights out.

When canceling settings

Once again while driving



●The " " display on the remote control turns off.

Manual filter cleaning operation (approx. 14 minutes)

During stop

フィルター

掃除



●Remote control
The " " display on the remote control turns off after 1 minute.

When stopping driving midway

Press the "Stop" button. The filter cleaning

lamp (green) on the main unit will turn off.



Filter cleaning operation

A power brush removes dust and other dirt from the air filter, and the fan sucks it up, releasing it outside through the exhaust vent.

Note

Even if you perform the filter cleaning operation, dirt on the filter may not be removed depending on the usage conditions and environment. In that case, remove the filter and clean it. Page 40 The panel will operate with the panel closed. However, when "Automatic filter cleaning" and "Automatic internal cleaning" are set at the same time, the cleaning operation will be performed by opening it diagonally upwards.

Note

●During filter cleaning operation, you will hear the sounds of the fan and filter operating. ("Buzz," "Go," "Clack.") ●If it is stopped using the

off timer, the exhaust will be reduced and the sound will be lower than normal, and the automatic filter cleaning operation will begin. If it is stopped using the off timer every day, the filter will not be cleaned properly, so please perform the manual filter cleaning operation about once a week.

●If you do not use the filter cleaning

operation, remove it and clean it. Page 40 Do not open the top cover during filter cleaning operation. If you open it, the operation

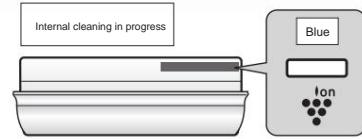
will stop midway. (Close it within 4 minutes to resume.)

Internal cleanliness: Inside the indoor unit and around the air outlet.

It makes it less likely for mold to grow.



There is an "automatic" mode that works "every time" after the air conditioning is stopped, and a "manual" mode that can be used when the seasons change.



Automatic internal cleaning operation (30 minutes)

During automatic, heating, cooling, or dehumidification operation

内部清潔



Beep ♪

(Setting completed) Display on main unity

30

In 1 minute increments.

● During internal cleaning operation, the unit will display the remaining operation time.

Setting is required. If you set it, the "internal cleaning operation" will be performed every time the automatic, heating, cooling, or dehumidification operation is stopped.

When canceling settings

Once again while driving

内部清潔



Beep ♪

● The " " display on the remote control turns off.

Manual internal cleaning operation (40 minutes)

During stop

内部清潔



Beep ♪

(The operation ends in 40 minutes)

40

In 1 minute increments.

● The remaining operation time is displayed on the unit.

Product Display

When stopping driving midway



● The display on the main unit will turn off and the " " display on the remote control will turn off.

About internal cleaning operation

Two pages of disinfecting ions that are effective in eliminating airborne mold spores are sent into the indoor unit.

automatic internal cleaning mode, the area around the air outlet is dried by blowing air, making it harder for mold to grow.

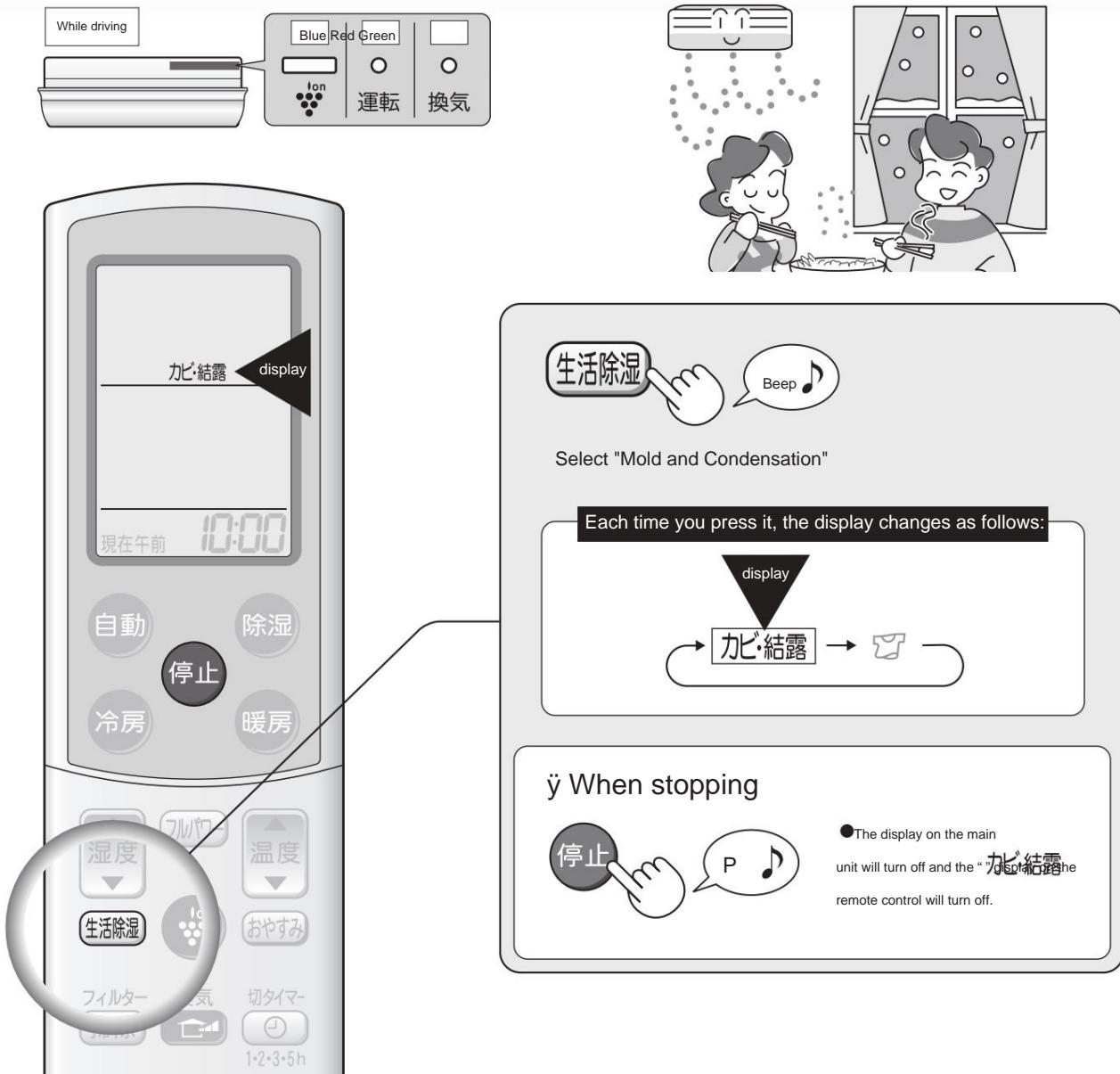
manual internal cleaning mode, the inside of the indoor unit is dried using fan or heating operation, making it harder for mold to grow.

Note

- During the internal cleaning operation, you cannot change the temperature, humidity, air volume, or direction, or set the timer. (The up and down air direction is diagonally upwards.) • Mold that has already formed cannot be removed by the internal cleaning operation. • Even if the internal cleaning operation is performed, mold or odor may occur depending on the usage conditions and environment. In that case, please consult the store where you purchased the product or the Sharp Repair Consultation Center about cleaning the main unit. • When "Automatic internal cleaning" and "Automatic filter cleaning" are set at the same time, the automatic internal cleaning will be performed after the automatic filter cleaning is completed. Both will operate for a total of 30 minutes, so the internal cleaning operation time will be slightly shorter.

Daily life dehumidification

Mold and condensation prevention operation : During the rainy season, when you are concerned about mold growing in closed rooms, Useful in winter when you are concerned about condensation in your room.



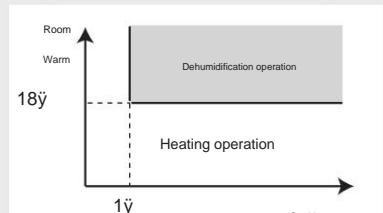
Mold and condensation prevention operation

The operation mode (heating or dehumidification) is selected according to the room temperature and outside temperature 3 minutes after operation starts. During the rainy season and summer, the humidity in the room is kept below a certain level to prevent the growth of mold. It also releases sterilizing ions and ventilates the room. In humidity in the room is reduced to prevent condensation. Depending on the outside temperature and the room temperature and humidity, the unit may automatically switch to fan operation, or automatically turn ventilation and sterilizing ions on and off (standby). (During standby, the ventilation lamp or sterilizing ion sign on the unit will be off.)

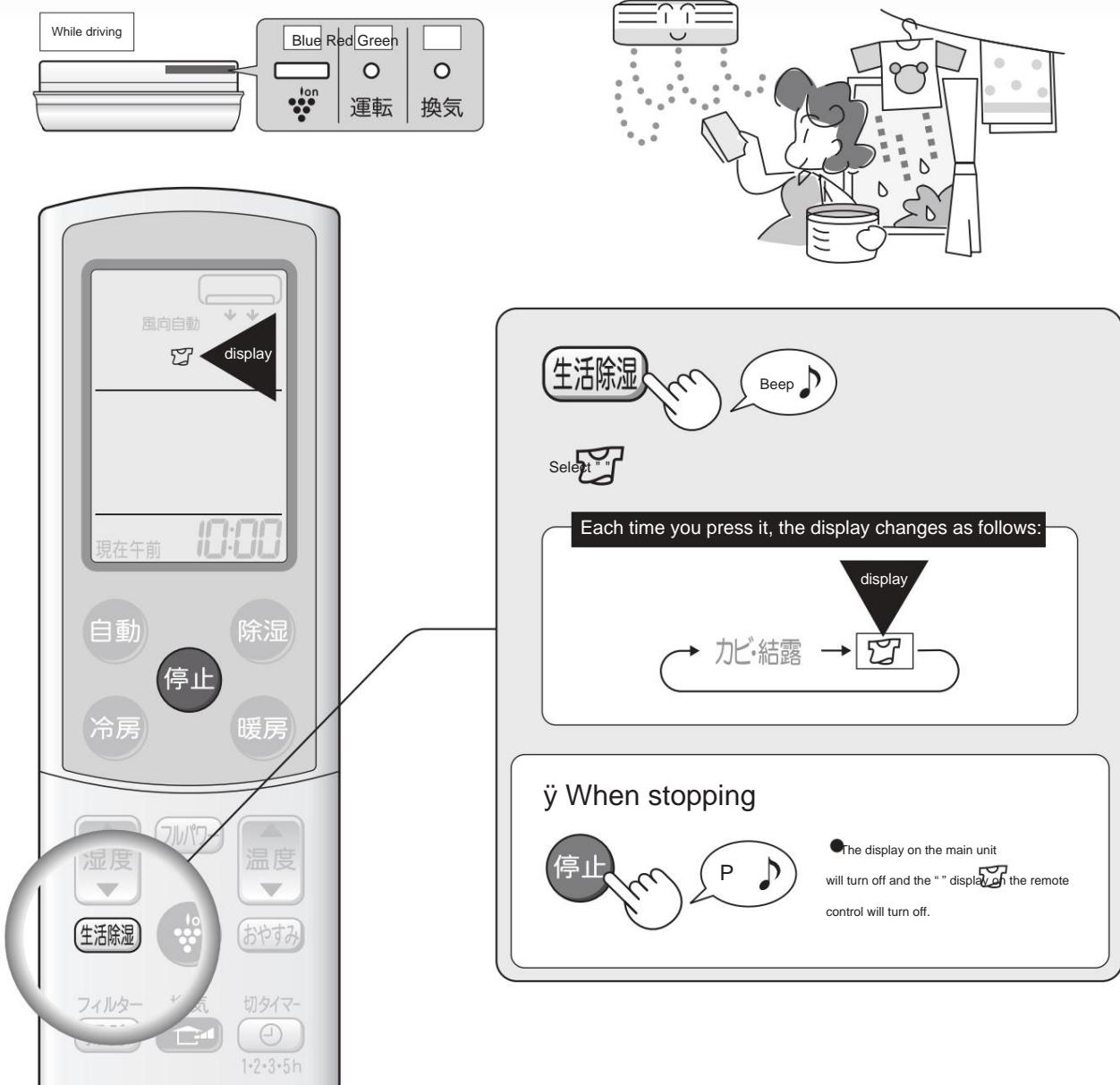
Note

- During mold and condensation prevention operation, you cannot change the temperature, humidity, air volume, or direction, and you cannot schedule.
- On timer. - Mold and condensation prevention operation cannot remove mold or condensation that has already formed. - If you start operation when the indoor humidity is low immediately after cooling or dehumidification operation, the humidity may temporarily rise.

Guideline for operation details



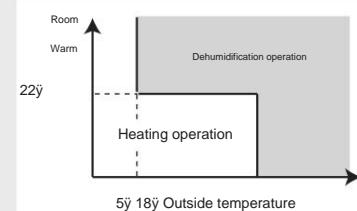
Clothes drying mode : For when you want to dry your laundry quickly indoors.



Clothes drying operation

Depending on the room temperature and outside temperature when the operation starts, the operation mode (heating or dehumidification) is selected and the room humidity is reduced. Approximately 4 hours after the operation starts (the time it takes to dry a total of 3 kg of laundry, including towels and shirts), the operation automatically switches to fan operation. (However, when operating in heating mode, the dehumidification operation will start 30 minutes ~~before~~ switching to fan operation.) It also releases sterilizing ions to reduce odors that adhere to laundry dried indoors and ventilate the room.

Guideline for operation details



Note

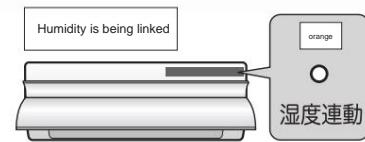
- During the clothes drying operation, you cannot change the temperature, humidity or airflow, and you cannot schedule the on timer. - Hang out the laundry so that it is exposed to the wind. This will make drying more efficient. (You can also change the airflow direction by pressing the "Up/Down Airflow" and "Left/Right Airflow" buttons on the remote control.)
- Depending on the type and amount of clothes, they may not dry sufficiently. In this case, use the off timer to extend the operation time. Using the off timer will allow the clothes drying operation to continue until the scheduled time. (It will not switch to fan operation.)

Humidity Linked

*This air conditioner does not have a humidification function.

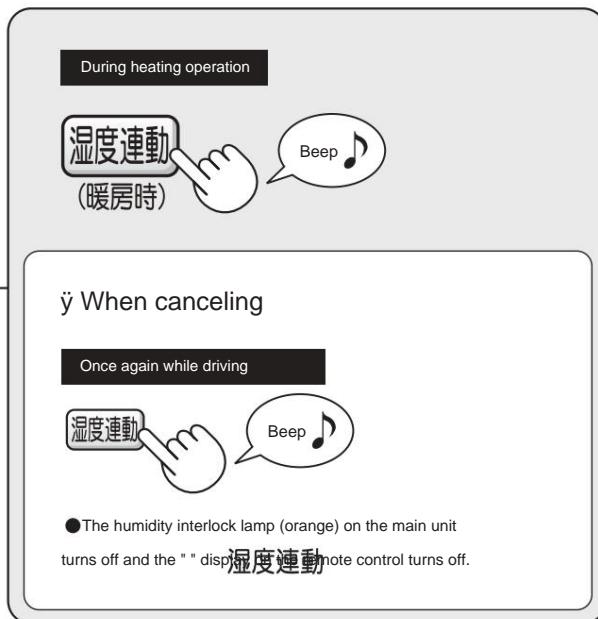
When heating, the set temperature is automatically adjusted according to the room

humidity. Use when using a commercially available humidifier.



When humidity increases, the perceived temperature increases. If you use a commercially available humidifier and operate the humidity-linked unit (when heating) when the humidity in the room is high, the air conditioner will automatically lower the set temperature, thereby saving on electricity bills.

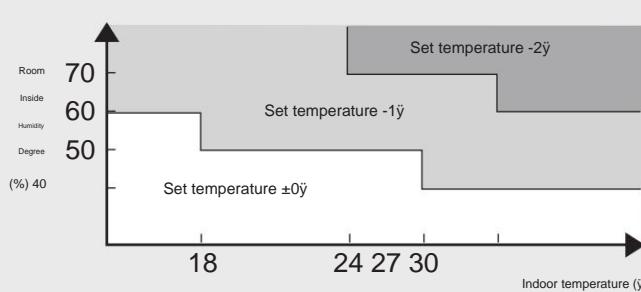
*Lowering the set temperature by 1°C when heating will save approximately 10% on your electricity bill.



Humidity linked operation

The air conditioner monitors the temperature and humidity in the room and automatically lowers the set temperature (by about 1 to 2 degrees).

Approximate reduction range for set temperature



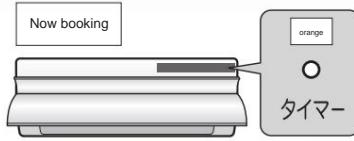
Since the room temperature is automatically lowered, the room temperature displayed on the unit will be lower than the set temperature.

Note

● Humidity linked operation is not possible during automatic heating operation.

1, 2, 3, 5h off timer

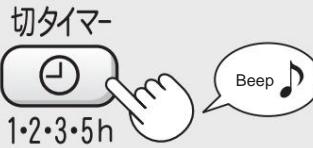
You can easily set the timer to shut off after 1, 2, 3, or 5 hours.



Example: If you want to stop after 3 hours

<Please set the current time before operating> Page 11

While driving



Select the time you want to book.

Each time you press it, the display changes as follows:



To cancel the 1, 2, 3, or 5 hour off timer

Press the "1, 2, 3, 5h off timer" button during the reservation. The timer lamp (orange) on the main unit will turn off.

When changing the 1, 2, 3, or 5 hour off timer time

Press the "1/2/3/5h Off Timer" button to cancel the timer, then select the time you want to set again.

Note

- The 1, 2, 3, and 5 hour off timer cannot be scheduled during internal cleaning operation or for one minute after the start of manual filter cleaning operation.

- If you press the "1/2/3/5h Off Timer" button again after more than 5 seconds have passed since making a reservation, the timer will be canceled. •The remaining time on

- the timer will be displayed on the remote control. (It will be decremented)

- in the order of 5h→4h→3h→2h→1h, and will be decremented in 10-minute increments for 10 minutes to 1 hour, and in 1-minute increments for less than 10

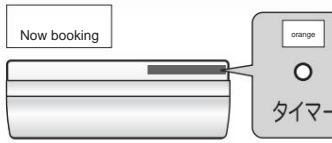
- minutes.) •If you press the "1/2/3/5h Off Timer" button while the unit is stopped, it will start the same operation as before it was stopped (either automatic, heating, cooling, or

- dehumidification). •If you press the "Stop" button while a reservation is being made, the unit will stop operation and the timer will be canceled.

Humidity
Degree
Ream
Movement
/ 1
2 .
3 .
5 h
Cut
Ta
stomach
Ma

On timer Off timer

You can use the on timer to set the room temperature to your desired level at the scheduled time, and the off timer to set the time you want the unit to stop operating.



When you want the room temperature to be at your desired level at 7:30 a.m.

<Please set the current time before operating.[Page 11](#)

1



"ON" flashes

- For the off timer, press **OFF** to make "OFF" flash.

2



or



Set it to the time you want to book

- The time changes in 10-minute increments.
- Press and hold to fast forward the time.

3



Beep ♪

(Reservation completed)

- "ON" will be displayed. The timer lamp (orange) on the unit will light up.
- If the OFF timer, press to display "OFF".

Note

- Timer reservations cannot be made during internal cleaning operation or for one minute after the start of manual filter cleaning operation. Stop internal cleaning operation before making a reservation. ●When you reserve the on timer, the operation will start earlier (up to 60 minutes before) so that the desired room temperature is reached at the reserved time. ●The operations for which the on timer and off timer can be set (●) and those for which they cannot be set (x) are as follows.

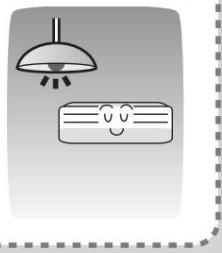
	Sterilization	ion	automatic	Heating	Cooling	Ventilation alone	full power	good night	Filters	Mold/condensation prevention	Clothes drying
On timer	Dehumidification	only	●●●	x	x	●●●	x	x	xx	x	x
Off timer							●	●x		x	●●

* If you operate the unit with an x during timer setting, the timer will be canceled. (Except for full power, sleep, automatic filter cleaning, and automatic internal cleaning operations)

- During timer on, you can change the temperature, humidity (dehumidification only), air volume (excluding dehumidification), up/down airflow direction, and left/right airflow direction. However, in automatic and dehumidification operation, the temperature cannot be changed until the operation starts. - If you want to set the timer for every day, you need to set it each time. Once you set it, the set time will be remembered, so you can set it at the same time as the previous time. - To check the current time on the right page, press the "Clock" button. The current time will be displayed for 5 seconds.

In case of a power outage

In the event of a power outage, the air conditioner's timer setting will be canceled and operation will stop. Please set the setting again after power is restored. (The remote control will continue to display the timer setting and operation.)



<Remote control display>



● The reservation details will be displayed.



When to cancel the timer

Press or during reservation. (The **cancel** lamp (orange) on the main unit will turn off.)

When changing the reservation time

Press or to cancel the timer, then start the timer again from the beginning.

When reserving the same time as last time

Press to make "ON" flash, check the reservation time, and press (The off timer can also be operated in the same way with

Timer Combinations

Combination of On and Off Timers

(Example) When you want to stop the heater at 11:00 PM and operate it so that the desired room temperature is reached at 7:30 AM (current time is 8:00 PM)

- 1 Set the timer to off at 11:00 PM

<Remote control display>



- 2 Set the on timer to 7:30 a.m.



5 seconds later

- The timer will operate starting from the earliest scheduled time relative to the current time.
- The remote control will operate first. Displays the timer time (the order in which the timer operates).

You can also combine cut and insert.

Combination of 1, 2, 3, and 5 hour off timer and on timer

(Example) When you want to stop the heater in 3 hours and have the desired room temperature at 7:30 a.m. (current time is 8:00 p.m.)

- 1 Schedule a 3-hour off timer

<Remote control display>



- 2 Set the on timer to 7:30 a.m.



5 seconds later

- The 1/2/3/5h OFF timer takes priority over the ON timer and OFF timer.
- When the 1/2/3/5h OFF timer has finished, the ON timer or OFF timer time will be displayed.

Enter
Ta
stomach
Ma
Cut
Ta
stomach
Ma
Ta
stomach
Ma
of
set
fruit
Combined
circle
height

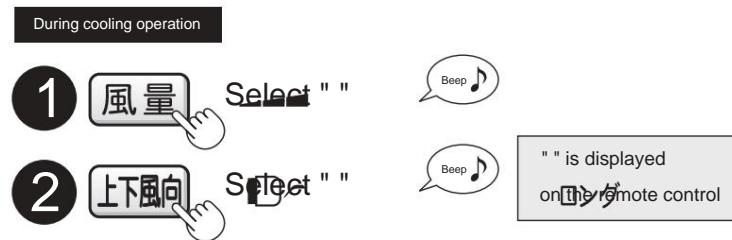
You can do this You can do this

Long/Short Settings

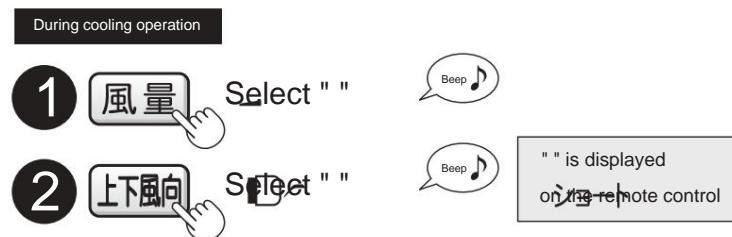
When you want to cool or heat the area to the edge of the room (long) or only the area close to the air conditioner (short), use the following combinations of air volume and up/down air direction settings during cooling and heating operation.



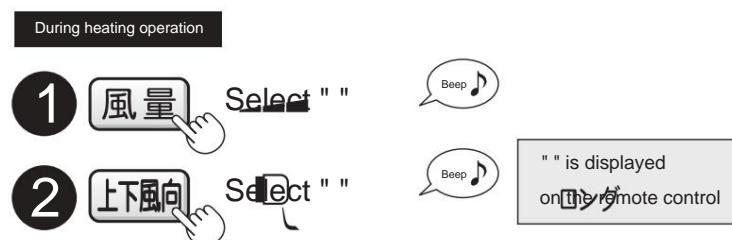
When you want to cool the room to the edge (long)



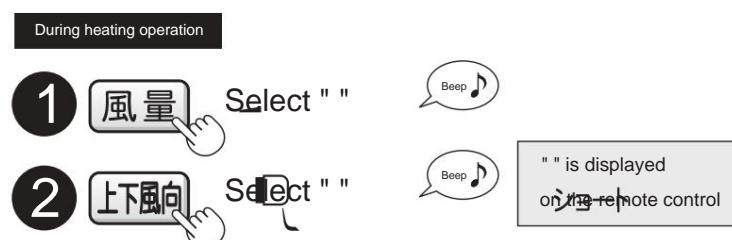
When you want to cool only the area near the air conditioner (short circuit)



When you want to heat the room to the edge (long)



When you want to heat only the area near the air conditioner (short circuit)



Turn off the unit display

When you are concerned about the brightness of the main unit display, such as when you are sleeping, you can turn off the display using the remote control.

(However, the operation lamp, timer lamp, and filter cleaning lamp cannot be turned off.)



While driving, point the camera at the receiver on the main unit.



- The unit display is turned off (excluding the operation lamp, timer lamp, and filter cleaning lamp).

When the light comes on, try again



- The display on the main unit that was off will now light up.

Note

- Once you turn off the display on the unit, it will remain off the next time you operate the unit. •The display on the unit cannot be turned off during filter cleaning operation.

Adjustable odor sensor sensitivity to choose your preferred sensitivity

If the clean sign on the main unit does not match the level of dirt in the room, you can adjust the sensitivity of the odor sensor using the remote control.



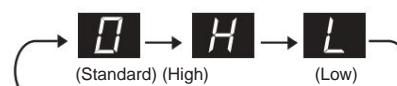
While the device is stopped, point the camera at the receiver on the device.

- Press to select the desired sensitivity.



Each time you press it, the temperature display on the unit will change as follows. (The initial setting is "Standard")

Product Display



H	When you want to increase sensitivity
L	When you want to lower the sensitivity

After 5 seconds, the display on the unit will turn off.

Note

- Sensitivity cannot be adjusted while the timer is on.

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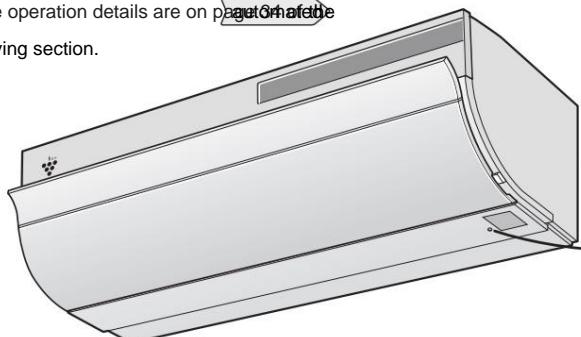
You can do this You can do this

(Continued)

Emergency operation when the remote control does not work

If you lose the remote control or the batteries run out, you can perform emergency operation using the main unit.

The operation details are on page [Automatic driving section.](#)



● The operation lamp (red) on the main unit will light up.

Note

● Do not press the "emergency operation" button for more than 5 seconds while the air conditioner is operating. (If you continue to press the button, the air conditioner will enter forced cooling mode, which is performed by a professional technician when relocating or disposing of the air conditioner, and the operation lamp will flash. In that case, press the "emergency operation" button briefly to stop it.)

When stopping



Press the "Emergency Operation" button again. The operation lamp (red) on the main unit will turn off.

To purchase a remote control, please contact the Sharp Repair Consultation Center. Page 43

Preventing remote control interference

When two air conditioners are installed in the same room, you can use the remote control to set them to prevent interference.

1 During stop

Open the remote control cover and press with a pointed object.

リセット

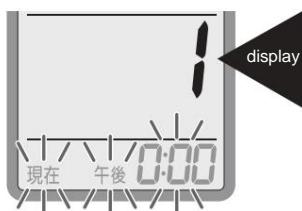
<Remote control display>



2

Press and hold the " " button for 5 seconds or more.

(Show " ")



3

Within 10 seconds



Press the " " button to switch to

(Initially set to

4

close to the receiver



完了 and press (Settings complete)

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

5

Set the current time

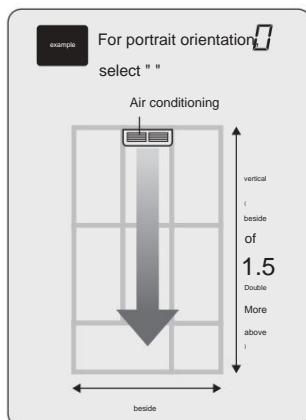
[Page 11](#)

Note

● If you replace the batteries in the remote control or press the "Reset" button, the remote control will return to its initial settings, and interference may reoccur or reception may become impossible. In this case, please reset the settings.

Setting room shape and installation position

By setting the shape of the room and the installation position of the air conditioner, the air flow will be adjusted to suit the room.



Room Shape Settings

Adjust the airflow to suit the shape of the room.

Please set this if the room shape is as follows. (Initially set to "Square")

Vertical	When the vertical length is 1.5 times or more the horizontal length
Horizontal	When the width is 1.5 times or more the length

1 During stop Press once

2 Within 30 seconds or Choose a room shape



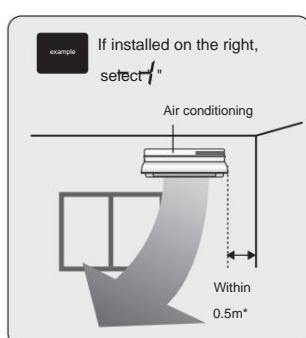
Each time you press it, the display changes as follows:



3 Within 30 seconds, aim it at the receiver on the device. (Settings complete)

●The remote control display will turn off after 30 seconds.

(Press the "Settings" button twice to turn it off immediately)



Setting the installation position

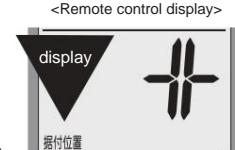
Depending on the installation position, the airflow range can be adjusted to direct air towards the center of the room.

Set this if the installation position is as follows. (Initially set to "Center")

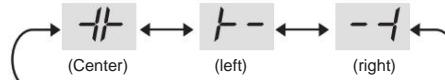
left	When the distance between the left edge of the air conditioner and the left wall is within 0.5 m*
right	When the distance between the right edge of the air conditioner and the right wall is within 0.5 m*

1 During stop Press twice

2 Within 30 seconds or Select the installation location



Each time you press it, the display changes as follows:



3 Within 30 seconds, aim it at the receiver on the device. (Settings complete)

●The remote control display will turn off after 30

seconds. (If you press the "Settings" button once, it will turn off immediately.)

Note

●The room shape and installation position cannot be set while the timer is in progress.

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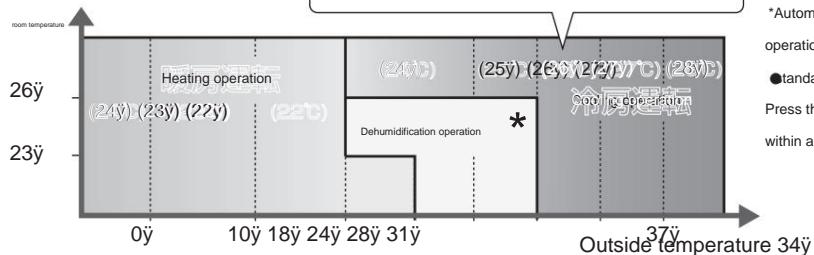
Things you should know

About autonomous driving

- Depending on the room temperature and outside temperature when operation begins, the air conditioner will automatically select the operation mode (heating, cooling, dehumidification) and temperature to make the room comfortable. *However, in the following cases, the operation mode selected in the previous automatic operation will be used regardless of the room temperature or outside temperature.
 - Within approximately 1 hour after cooling/dehumidification operation has been stopped.
 - Within approximately 5 hours after heating operation has been stopped.
 - If the outside temperature changes during operation, the temperature will be reselected. (Outdoor temperature adaptive control)

Operation details and temperature guidelines

For example, when the room temperature is 29°C and the outside temperature is 32°C, the unit will operate in cooling mode (temperature setting 26°C).



Automatic dehumidification is a very weak cooling operation. () is the standard temperature selected by the air conditioner. Press the "Temperature" button to adjust the temperature within a range of ±2°C.

Heating operation

- Because it absorbs heat from the outside air and brings it into the room to heat it (heat pump system), it becomes difficult to heat the room when the outside temperature drops. In that case, we recommend using it in conjunction with another heating appliance.
- If frost forms on the outdoor unit, it will automatically run a defrosting operation and stop operation for about 5 to 10 minutes. Once defrosting is complete, it will resume heating.
- When running the heating operation at night (8 pm to 8 am), the operation will be slightly reduced to operate quietly.

About cooling operation

- When the air volume is set to automatic, the airflow will be delayed by about one minute when the unit starts operating. (This is to prepare for the cold airflow and to reduce room odors that may be present inside the unit and come out with the airflow.)

About dehumidification operation

- The reheat dehumidification method controls humidity and temperature without changing the temperature of the blown air too much. The room temperature at the start of operation is the set temperature, and if the room temperature rises too much above the set temperature (approximately 2 to 3°C), the cooling operation will be used to lower the room temperature. Also, if the room temperature falls too much below the set temperature (approximately 2°C), the outdoor unit will stop operating and wait for the room temperature to recover.

Operating conditions

- If the unit is operated under conditions other than those listed on the right, the protective device may be activated and the unit may not be able to operate. - If the humidity is 80% or higher and the unit is operated in cooling or dehumidifying mode for a long period of time, condensation may form on the air outlet and drip.

<Operating conditions>

暖房運転	Outside temperature: 24°C or less Room temperature: 28°C or less
冷房運転	Outside temperature: 43°C or less Room temperature: 21°C or more
除湿運転	Dehumidification operation Outside temperature: 1°C or more Room temperature: 16°C or more

New airflow that "reduces wind stress"

When cooling: Cool

air is blown out diagonally upwards and along the ceiling to prevent a feeling of cold air. (When cooling, when the up and down airflow direction is set to " ")



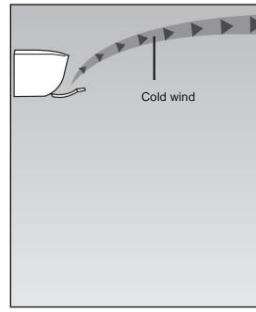
When heating: Warm

air is blown almost directly downwards to warm your feet. (When heating, when the up and down airflow direction is set to " ")

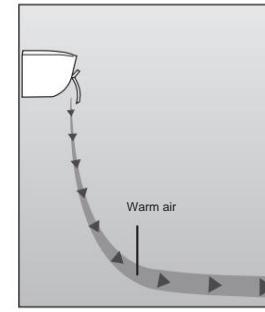


When the up/down airflow direction is set to "Auto", once the room temperature approaches the set temperature, the airflow will automatically change to a new airflow that "saves wind stress".

During cooling



When heating



About the odor sensor

The odor sensor reacts to the smell of tobacco, formaldehyde, and pets. •The odor sensor may also react to the following: •Insecticides, cosmetics, sprays, and alcohol. •Sudden changes in temperature and humidity, such as when people gather in the room, when cooking, or when other heating appliances are turned on. Therefore, depending on the air quality in the room, the clean sign (red) or (orange) on the unit may light up even if you are not smoking.

To customers who have had concealed piping work done

If concealed piping work has been carried out,

the ventilation function will not be available.

- Even if you press the "Ventilation" button on the remote control to send a ventilation operation command, the main unit will not operate the ventilation unit.

(At this time, the remote control displays "Ventilation.") The dust removed during the filter

cleaning operation can be stored in the "Concealed Dust Box" (sold separately).

It is necessary to periodically remove the accumulated dust. (For details, please refer to the instruction manual included with the optional product.)

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

Curtains and blinds on the windows

Let in sunlight during the day in winter, and use curtains or blinds at night to prevent heat from escaping from the room. In particular, blocking direct sunlight in the summer can help save about 5% of energy.



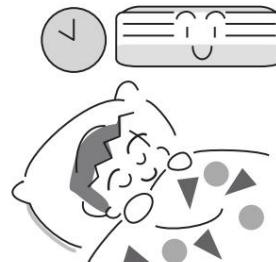
Keep your filters clean

If the air filter becomes clogged with dust, the performance will decrease, and electricity bills will be wasted by about 5 to 10%. It may also cause water leaks.



Enable the timer

Forgetting to turn off the air conditioner is a waste of electricity.
Use a timer to run it only for the amount of time you need it.



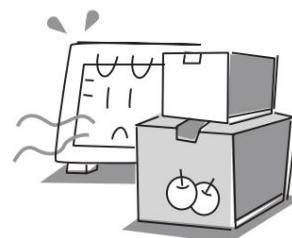
The indoor temperature is moderate

Be sure to adjust the temperature carefully to avoid overheating or overcooling. Setting the temperature 1°C higher when cooling and 1°C lower when heating can save about 10% on your electricity bill. Also, when cooling, the optimum temperature difference between indoors and outdoors is within about 5 to 6°C.



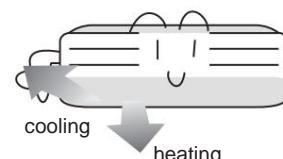
Do not block the area around the outdoor unit.

If you place objects over the outdoor unit's air outlet and block it, it will reduce performance and result in wasted electricity.



Adjust the wind direction

It is effective to set the airflow direction to "downward when heating" and "diagonally upward when cooling."



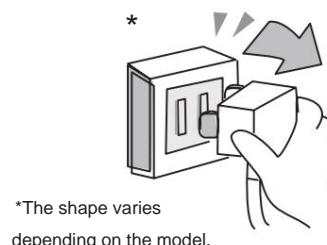
When thunder starts, unplug the power cord

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

Care and Maintenance

Before cleaning, stop operation and unplug the power cord.

Maintenance while the unit is operating may result in injury as the internal fan rotates at high speed.



Cleaning the unit and remote control

When dirt starts to become noticeable

Wipe with a soft cloth.

If the top surface of the air conditioner is very dirty, wipe it with hot water or water below 40°C, wring it out thoroughly. (Water entering the inside of the unit may cause a malfunction.)

Do not use benzine, thinner, polishing powder, detergent, etc. (They may damage the product.)



Cleaning the inside of the unit

Cleaning the inside of the air conditioner requires a high level of expertise. If you try to clean it yourself with a commercially available cleaning agent, it may cause a breakdown, so please consult the store where you purchased the product or [The Sharp Repair Consultation Center](#).

After the season

- Manually operate the interior cleaning [Page 23](#) function. This will help prevent mold from growing inside the indoor unit.
- Perform manual filter cleaning operation. [Page 22](#)
- Stop operation and unplug the power cord. If you are using a dedicated circuit for the air conditioner, turn off the safety breaker as well.
- If the air filter is very dirty, clean it. [Page 40](#)
- Remove the batteries from the remote control (to prevent damage caused by battery leakage). [Page 10](#)

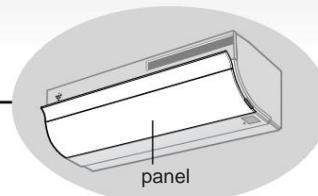
Before the season

- Is there an air filter installed? (If you operate the unit without an air filter, the inside of the indoor unit will become dirty and may cause a malfunction.)
- Are the intake and exhaust vents of the indoor and outdoor units blocked?
- Check if the earth wire is disconnected. The earth wire may be attached inside the room.

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Maintenance Maintenance (continued)

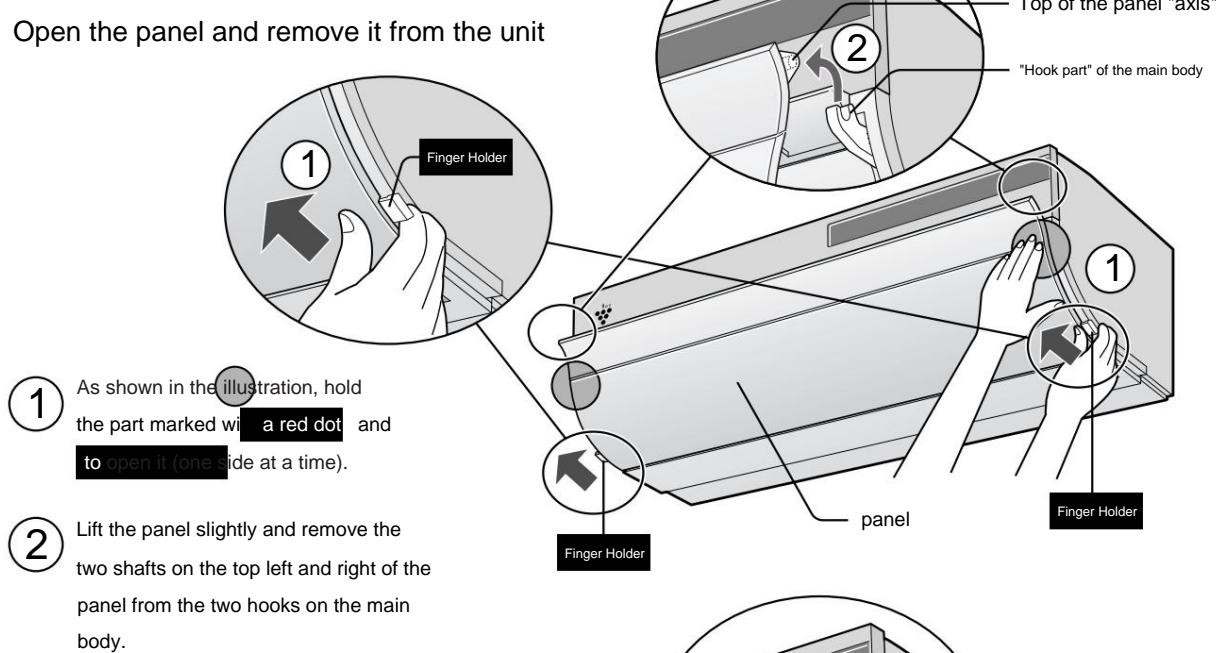
How to attach and detach the panel



How to remove

1 Stop operation, check that the panel is completely closed, and then wait at least one minute before unplugging the power cord.

2 Open the panel and remove it from the unit



If the panel comes off from the inner movable part on the right page, push it up and reinsert it.

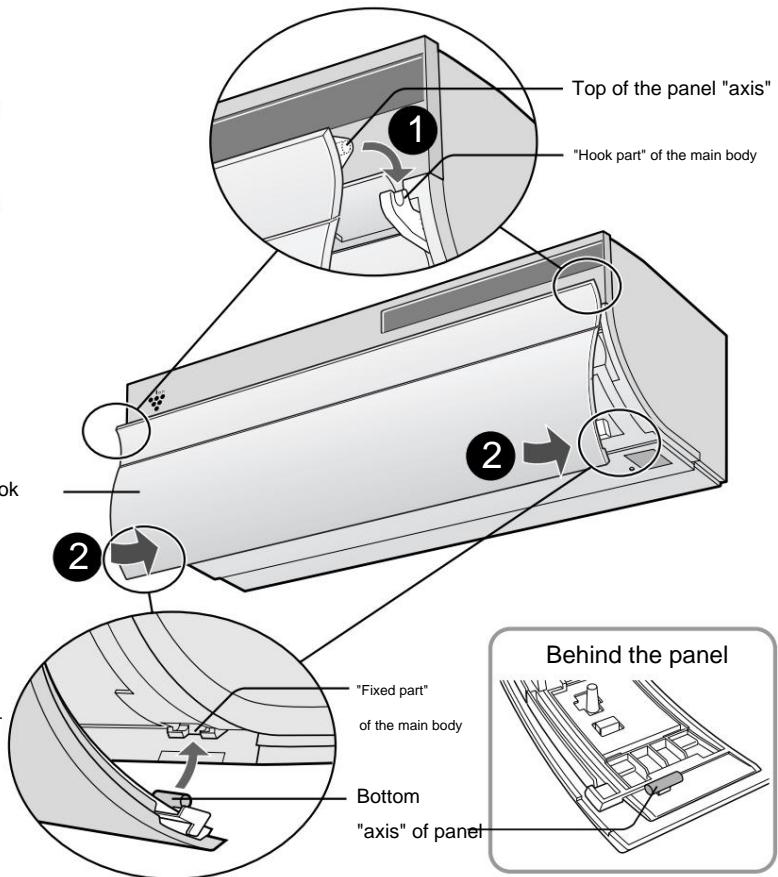
How to install

1 Install the panel and close it securely

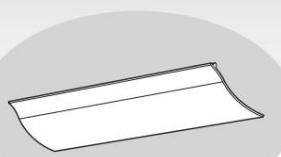
① the "axes" (2 places) on the top left and right of the panel onto the "hooks" (2 places) on the main body .

② Attach the two shafts on the bottom left and right of the panel to the two fixed parts on the main body. Close securely until you hear a "click".

➡ Press the two arrows until you hear a click.



Cleaning the Panel



It can be removed for cleaning.

When dirt starts to become noticeable

1 Remove the panel

refer to "How to attach and remove the **Panel**" on the left page .

2 Clean up

Use a soft cloth soaked in hot water or
water below 40°C, wring it
out thoroughly, and then wipe it.

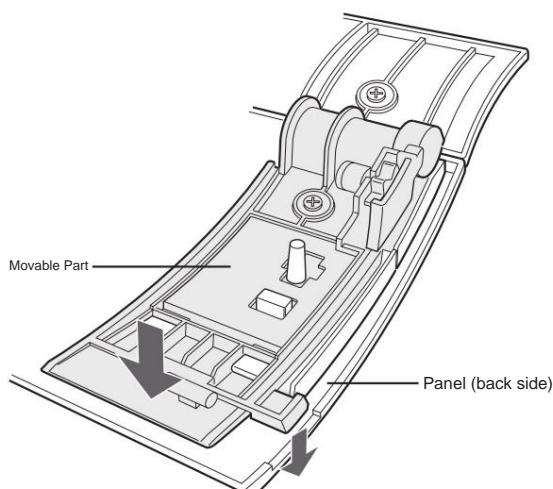
- Do not wipe too hard. Do not use scrubbing brushes or sponges. (This may cause scratches.)
- Do not disassemble the panel. (This may cause damage or malfunction.)

3 Attach the panel

refer to "How to attach and remove the **Panel**" on the left page .

If the moving part comes off the panel,

Press the "movable part" on the back of the "panel" down and snap it into place.



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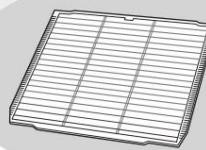
Care and Maintenance (Continued)

Cleaning the Air Filter

The air conditioner has a function to automatically detect the filter clog, and
detect if you are concerned about oil or other dirt on the air filter,

Cleaning schedule

- When you are concerned about dirt such as oil or cigarette
- If you are not using the filter cleaning function, once every two weeks.



If dirt gets clogged, it can cause reduced performance and water leaks.

Note

Do not bend the air filter or apply strong force or heat to it. (This may cause damage or the filter cleaning function not to function.)



1

Remove the panel . Refer to "How to remove and attach the panel." [Page 38](#)

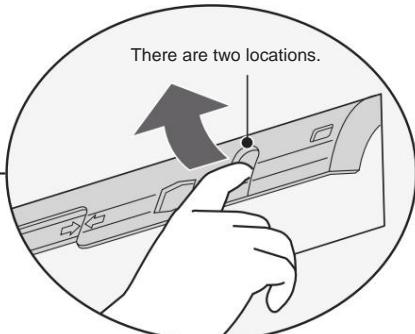
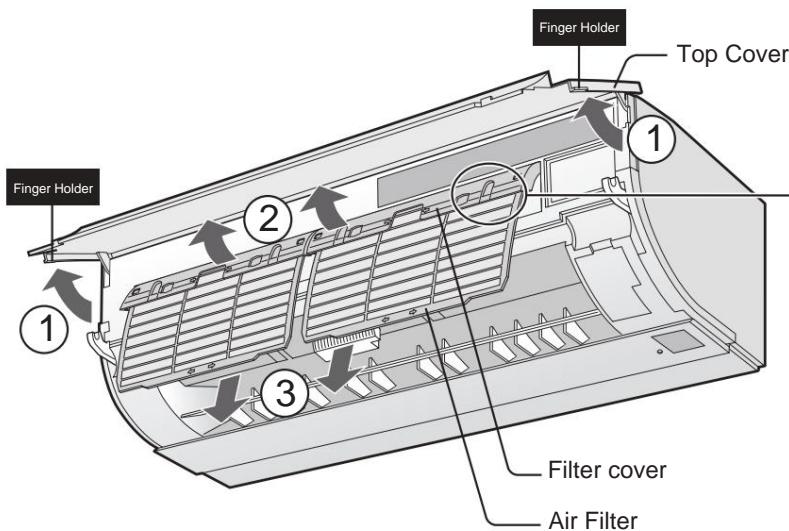
Remove the air filter 2

1 Hold

on the left [] sides of the "top cover" and pull it up to open it.

2 Hold the two "filter covers" and pull them up to open them. (Both left and right)

3 Hold the "air filter" and pull it down to remove it (2 pieces, left and right).



3

Remove dirt from the air filter with a vacuum cleaner, rinse with water, and dry thoroughly in the shade.

- If the product is very dirty, wash it with water and a synthetic kitchen detergent (neutral). (Do not use bleach.) • Do not scrub with a hard object such as a scrubbing pad or bend it.
- Do not dry it in direct sunlight or near a stove. (This may cause deformation.)

Stop operation and unplug the power cord before maintenance.

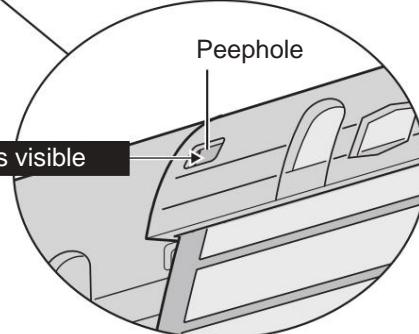
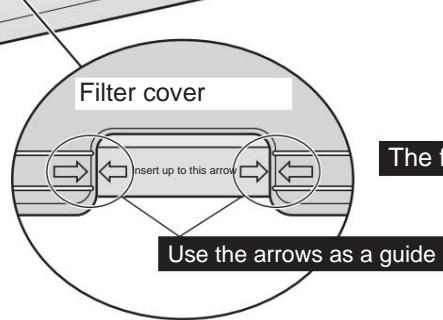
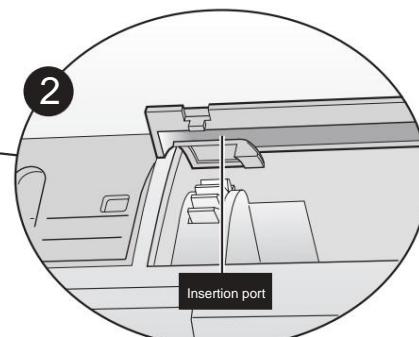
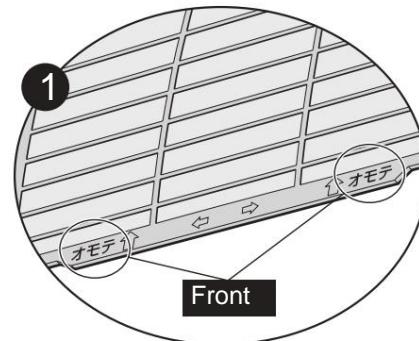
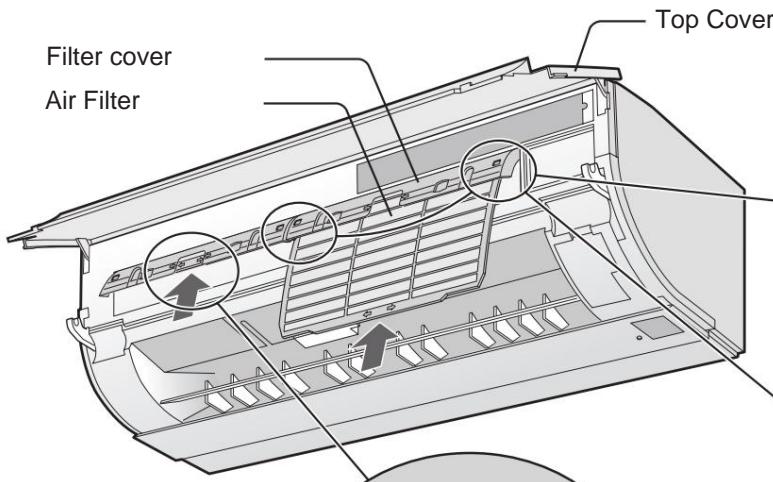
Do not unplug the power cord while the filter cleaning operation is in progress (when the filter cleaning lamp on the main unit is lit).

The filter cover will no longer be able to be opened, so close the top cover, plug the power cord back in, and wait about two minutes. (Forcing the filter cover open may cause a breakdown.)

Attach the air filter 4

- Check of the [REDACTED]

- Insert the "air filter" along the "insertion" through the "peep hole", insert it while aligning the arrow as (2 pieces, left and right).

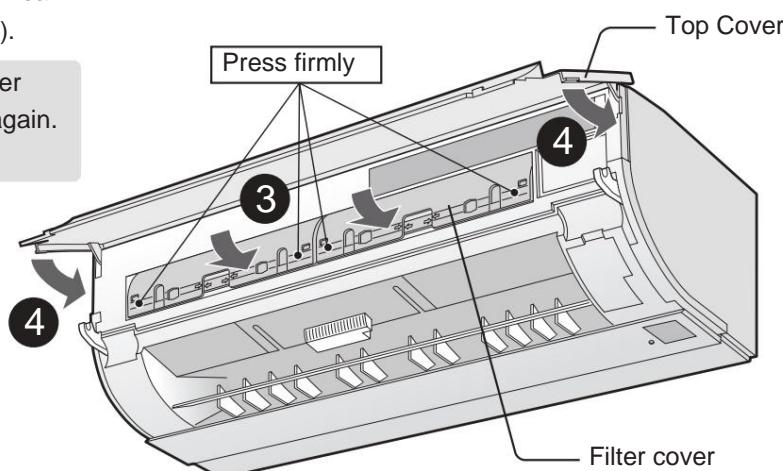


- Close the filter cover securely until you hear a click on both ends (both left and right).

If it does not close, move the air filter slightly up or down and then close it again.

- Close the "top cover" securely.

If it is not closed securely, the protective device will be activated and the filter cleaning operation will not be possible.



- Attach the panel. See "How to attach and remove the panel" on page 38.

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Warranty and after-sales service

When requesting repairs

On-site repair

1 Please check the following information to see if it is broken.

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

3

- Product name: Room air conditioner
- Model name: (Model name written on the warranty card)
- Date of purchase (year, month, and date)
- Problem specifically
- Address (please also include nearby landmarks)
- Name
- Telephone number
- Date you would like us to visit

Warranty card (attached)

● When receiving the warranty card from the retailer, please make sure that the date of purchase, name of the retailer, etc. are filled in.

After carefully reading the contents of the warranty card, please keep it in a safe place.

● Warranty period: One year from the date of purchase.

However, the following parts are covered for a period of 5 years: Cooling unit: Compressor, heat exchanger, piping inside the unit. Please read the warranty carefully as there may be a charge even during the warranty period.

During warranty

● Please present the warranty card when requesting repairs. The store will carry out repairs 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 wish.

Period for which replacement parts are available

● Our company provides repair parts for room air conditioners.

I have owned it for 9 years since production was discontinued.

● Replacement performance parts are parts that are necessary to maintain the functionality of the product.

How repair fees work

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

Technology fee	This is the fee for successfully repairing a broken product.
Parts cost	The cost of the parts used in the repair.
Travel expenses	This is the fee for sending a technician to the location of the product.

Caution when disposing of

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

Inspection and maintenance recommendations

After using the air conditioner for 3 to 5 years, the performance may decrease and odors and water leaks may occur due to internal dirt. In addition to regular maintenance, we recommend inspection and maintenance (fees apply). Please consult the store where you purchased the product.



If you plan to use the product for a long period of time, please inspect it!

Do you have any of these symptoms?

- The power cord or plug becomes abnormally hot.
- There is a burning smell or an abnormal sound or vibration during operation.
- Water leaks from the indoor unit. • The earth leakage breaker trips frequently. • There are other abnormalities or malfunctions.

Stop using the

product. To prevent breakdowns or accidents, stop using the product, unplug the power cord from the outlet, and ask your retailer to inspect and repair the product. Please consult your retailer about the cost of inspection and repair.

Customer Service Center Information Customer Service Center Information

For inquiries or requests regarding repairs, usage, maintenance, shopping, etc., or in the unlikely event of an accident caused by the product, please contact the store where you purchased the product or the following number. Please check the phone number carefully before dialing to avoid making a mistake. If you send a fax, please include the product model name and your inquiry.



使用方法・お買い物相談など

【お客様相談センター】

**0120 - 078 - 178**

携帯PHS OK

携帯電話・PHSからもご利用いただけます。

受付時間

- 月曜～土曜: 9:00～18:00
 - 日曜・祝日: 9:00～17:00
- (年末年始を除く)

■IP電話などからフリーダイヤルサービスをご利用いただけない場合は…

東日本相談室 〒261-8520 千葉県千葉市美浜区中瀬1-9-2

電話 : 043 - 351 - 1821 FAX : 043 - 299 - 8280

西日本相談室 〒581-8585 大阪府八尾市北龜井町3-1-72

電話 : 06 - 6792 - 1582 FAX : 06 - 6792 - 5993



修理のご相談など

【修理相談センター】(沖縄・奄美地区を除く)

**0570 - 02 - 4649**

携帯OK

全国どこからでも一律料金でご利用いただけます。

携帯電話からもご利用いただけます。

受付時間

- 月曜～土曜: 9:00～20:00
 - 日曜・祝日: 9:00～18:00
- (年末年始を除く)

※「持込修理」「部品購入」をご希望の方は、枠外の〈補足〉をご覧ください。

■(PHS・IP電話やファクシミリをご利用)または(沖縄・奄美地区の方)は…

	PHS／IP電話	ファックス
東日本地区	043 - 299 - 3863	043 - 299 - 3865
西日本地区	06 - 6792 - 5511	06 - 6792 - 3221
沖縄・奄美地区	「那霸サービスセンター」 098 - 861 - 0866 (月～金 9:00～17:30)	

「よくあるご質問」「メールでのお問い合わせ」などはホームページをご活用ください。



シャープサポートページ

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

補足 持込修理および部品購入のご相談は、下記地区別窓口でも承っております。

地区別窓口

■受付時間 *月曜～土曜: 9:00～17:30 (祝日など弊社休日を除く)
〔但し、沖縄・奄美地区〕は……*月曜～金曜: 9:00～17:30 (祝日など弊社休日を除く)

北陸地区

- 金沢サービスセンター : 076 - 249 - 2434
〒921-8801 石川郡野々市町御経塚4-103

近畿地区

- 京都サービスセンター : 075 - 672 - 2378
〒601-8102 京都市南区上鳥羽管田町48
- 大阪テクニカルセンター : 06 - 6794 - 5611
〒547-8510 大阪市平野区加美南3-7-19
- 阪神サービスセンター : 06 - 6422 - 0455
〒661-0981 兵庫県尼崎市猪名寺3-2-10

中国地区

- 広島サービスセンター : 082 - 874 - 8149
〒731-0113 広島市安佐南区西原2-13-4

四国地区

- 高松サービスセンター : 087 - 823 - 4901
〒760-0065 高松市朝日町6-2-8

九州地区

- 福岡サービスセンター : 092 - 572 - 4652
〒816-0081 福岡市博多区井相田2-12-1

沖縄・奄美地区

- 那霸サービスセンター : 098 - 861 - 0866
〒900-0002 那霸市曙2-10-1

北海道地区

- 札幌サービスセンター : 011 - 641 - 4685
〒063-0801 札幌市西区二十四軒1条7-3-17

東北地区

- 仙台サービスセンター : 022 - 288 - 9142
〒984-0002 仙台市若林区卸町東3-1-27

関東地区

- 宇都宮サービスセンター : 028 - 637 - 1179
〒320-0833 宇都宮市不動前4-2-41
- さいたまサービスセンター : 048 - 666 - 7987
〒331-0812 さいたま市北区宮原町2-107-2
- 東京テクニカルセンター : 03 - 5692 - 7765
〒114-0013 東京都北区東田端2-13-17
- 多摩サービスセンター : 042 - 586 - 6059
〒191-0003 日野市日野台5-5-4
- 千葉サービスセンター : 047 - 368 - 4766
〒270-2231 松戸市稔台295-1
- 横浜テクニカルセンター : 045 - 753 - 4647
〒235-0036 横浜市磯子区中原1-2-23

東海地区

- 静岡サービスセンター : 0543 - 44 - 5781
〒424-0067 静岡市清水鳥坂1170-1
- 名古屋サービスセンター : 052 - 332 - 2623
〒454-8721 名古屋市中川区山王3-5-5

●所在地・電話番号・受付時間などについては、変更になることがあります。 (2006.12)

Warran

Is it broken? Is it broken?



If you still have problems after making repair requests or inquiries

The following cases are not malfunctions:

	At times like these	It is not a malfunction.
luck Stop Transfer death N N stomach stomach Ma	Don't drive right away The outdoor unit does not stop even when the air conditioner is turned off.	<ul style="list-style-type: none"> ► This protects the air conditioner when you stop operation and then restart it immediately, change the operation mode, etc. Please wait about 90 seconds. ► The outdoor unit is cooling. Please wait about 1 minute.
P N R	<ul style="list-style-type: none"> The panel does not open even after starting operation The top of the panel opens slightly and then closes Operation temporarily stops when opening and closing the panel 	<ul style="list-style-type: none"> ► Immediately after plugging in the power cord, the panel may not open immediately because it is preparing to open. Please wait about 2 minutes. ► When turning the power on or off, or when changing the airflow direction, the top of the panel may be opened slightly and then quickly closed to adjust the panel gear to the correct position. ► The panel's centre of gravity will change, causing the panel to stop functioning temporarily.
sound but vinegar R	<ul style="list-style-type: none"> "Pokopoko" sound "Slurp," "whoosh," and "whisper" sounds "Crackle" and "Click" sounds "Crack" and "Clack" sounds "Zzzzzz..." and "Tick-tick" sounds "Go" sound "Buzz," "go," and "clack" sounds 	<ul style="list-style-type: none"> ► This is the sound of outside air being sucked in through the drain hose when the ventilation fan is turned on. When the wind is strong, air may be forced through the drain hose, causing a popping sound. If you require assistance, please contact the store where you purchased the product or the Sharp Repair Consultation Center. (Charged) Page 43 ► The "slurping" and "whooshing" sounds are the sounds of the gas (refrigerant) flowing inside the air conditioner. - The "whisky" sound is the sound made when the flow of refrigerant inside the air conditioner switches, for example during defrosting operation. ► The "crackling" sound is the rubbing sound of the indoor unit expanding and contracting due to temperature changes. • The "clicking" sound is the sound of the valve switching the flow of refrigerant during dehumidification, etc. ► This is the sound made when the panel adjusts its position when the unit starts or stops, or when the airflow direction changes. ► This is the sound that is made when sterilizing ions are generated and is not a malfunction. If this bothers you while you are sleeping, etc., please cancel the combined operation of the sterilizing ion unit. Page 13 ► This is the sound of the ventilation operation. In particular, when the ventilation is in rapid mode, the air volume is increased, so the operation noise becomes louder. If this bothers you, please select an operation mode other than rapid ventilation. Pages 14-15 ► This is the operating sound when the filter cleaning function is in operation. If the air filter is not installed correctly, the filter will hit the inside and the operating sound will become louder. In this case, re-install the air filter correctly. Pages 40 and 41
water fog but Out R	<ul style="list-style-type: none"> This is because the frost that melts during the defrosting operation of the outdoor unit during heating operation comes out as steam and water. Mist comes out of the air conditioner during cooling/dehumidifying operation 	<ul style="list-style-type: none"> ► This is because the cold air blown out during operation cools the air in the room. - This is because the moisture inside the unit evaporates when the dehumidifier is turned on after cooling operation.

Please pages 44-47

the store where

It is not a malfunction.

At times like these

wind but Out N stomach • weak Ku N R • To oh component	The air does not blow immediately after starting operation.	During cooling operation with automatic fan speed: The unit is preparing to blow cold air. Please wait for about 1 minute. During heating operation: The unit is preparing to blow warm air. Please wait for about 1 to 3 minutes.
	No air comes out during heating operation	● Frost has formed on the outdoor unit and the defrosting operation is performed automatically. Please wait for about 5 to 10 minutes. • When the room temperature reaches the set temperature, the operation will be stopped for a short time (about 3 to 6 minutes) to control the room temperature.
	The wind weakens	● When switching the airflow direction, the air volume may temporarily decrease.
	The air conditioner smells	● This is because the smell of cigarettes, furniture, etc. in the room is blown out. • You may smell ozone that is generated at the same time as the sterilizing ions. The concentration of ozone is very small and does not pose a health problem. In addition, it is quickly decomposed, so it does not fill the room.
Remove Humidity luck Transfer	The room temperature rises during dehumidification operation and feels muggy.	● In order to prevent the room temperature from dropping when using the reheat dehumidification method, the room temperature may rise (approximately 2 to 3°C) if there are many people in the room, if there are other heat sources, or if the outside temperature is high. If it feels too muggy, please turn down the set temperature or run the unit in cooling mode to lower the room temperature again.
	Humidity does not drop to set level	● When the outside temperature is high or when humid air enters the room, the humidity in the room may not drop to the humidity set on the remote control. • When the room temperature drops too much (by 2°C or more) ● Compared to when operation started, the unit stops operation and waits until the room temperature recovers, during which time the humidity may rise.
	A hissing or squelching noise is heard during dehumidification operation.	● During reheat dehumidification operation, the throttle mechanism that changes the state of the refrigerant inside the air conditioner is located on the indoor side, and the sound of the refrigerant flowing is slightly easier to hear than during cooling or heating operation.
Books body table Show	The indoor temperature display is different from the thermometer	● The indoor temperature displayed on the unit is a guideline (temperature around the air conditioner) and may differ from that of commercially available thermometers.
	The indoor temperature display does not reach the set temperature.	● During humidity-linked operation (heating), the air conditioner automatically lowers the room temperature according to the room temperature and humidity, so the displayed room temperature will be lower than the set temperature.
centre I R Ta - Cleaning Remove luck Transfer	The filter cannot be cleaned properly even after the filter cleaning operation.	● Even if you perform the filter cleaning operation, dirt on the filter may not be removed depending on the usage conditions and environment. In that case, please remove the filter and clean it (pages 40 and 41). • The filter cleaning function to operation is a clean the "air filter" and cannot clean the inside of the air conditioner.
	Do not perform automatic filter cleaning operation	● The automatic filter cleaning operation will not work if it has been less than 24 hours since the last filter cleaning operation. Page 22
So of Other	The ceiling and walls around the indoor unit are stained black.	● Depending on the room environment, dust and dirt in the air may adhere to walls and other surfaces due to air circulation from the air conditioner or static electricity. We recommend that you frequently clean the area around the air conditioner.

Is it broken? Is it broken? (Continued)

Before requesting repairs or making inquiries,

[REDACTED] units on

If the problem persists, please consult

[REDACTED] store where you purchased th

Please check the following again:

	At times like these	Please check	Reference
luck Transfer death N stomach • Stop Ma R • Books body table Show but point Destruction	<p>Don't drive</p>  <p>Stopping on the way</p>  <p>The display on the unit flashes</p>  <p>The temperature display flashes. (Example) "3" and " " flash alternately.</p> <p>The filter cleaning lamp flashes, and the temperature display flashes " " and " " alternately.</p> <p>" 28 and " - " flash alternately. " 28 and " - " flash alternately.</p>	<ul style="list-style-type: none"> Check if the breaker or fuse is blown. - Check if the power plug is disconnected. - Check if there is a power outage. The air conditioner will remain off. Please turn it back on after powering it on. <ul style="list-style-type: none"> Check that the 1, 2, 3 or 5 hour off timer has stopped. - Check that the off timer has started. <p>The protective device has been activated. After checking the following, unplug the power cord, wait 30 seconds, then plug it back in and operate the unit. • Is the air filter dirty? • Are the air outlets and intakes of the indoor and outdoor units blocked? Are leaves, paper, pet hair, etc. stuck in the aluminum fins of the outdoor unit?</p> <p>If it still flashes, contact the retailer where you purchased the product and inform them of the flashing numbers.</p> <ul style="list-style-type: none"> Press the "Stop" button on the remote control once or twice to turn off all flashing and lamps, then check the following: - When installing the filter, was the top cover securely closed? - Is there an air filter inserted? Is it securely installed? Reinstall the air filter correctly. If the light is still flashing, consult the store where you purchased the product. 	27 28
cold picture N stomach • Warm Ma and others N stomach	<p>Does not cool or heat well</p> 	<ul style="list-style-type: none"> Is the air filter dirty? • Are the windows or doors open? When the outside temperature is high, the air conditioner may not cool as well. • Are the air outlet and intake of the outdoor unit blocked? Also, if leaves, paper, pet hair, etc. get stuck in the aluminum fins, the capacity will decrease and the protective device may be activated. Is the temperature control appropriate? • Measure the temperature difference. After operating for about 20 minutes, it is normal if the temperature difference between the air outlet and intake of the indoor unit is 8°C or more in cooling mode and 14°C or more in heating mode. Is the air volume set to (light). The capacity may decrease in a light breeze. • Is the unit in sleep mode? • Is the unit in humidity-linked operation (heating mode)? The air conditioner automatically lowers the set temperature depending on the temperature and humidity in the room. Measure the humidity. If the humidity remains high at 70% or more for a long period of time, the cooling capacity may decrease. 	41 40 41
Stop Ma and others N stomach	<p>The device does not stop even when operation is stopped (the display on the device does not disappear)</p>	<ul style="list-style-type: none"> After the automatic heating, cooling or dehumidification operation has stopped, is the automatic filter cleaning operation or automatic interior cleaning operation still running? 	22 23
So of Other	<p>When the ventilation is in automatic operation alone, the ventilation operation starts even though the room is clean.</p>	<ul style="list-style-type: none"> Did ventilation start because the room temperature and outside temperature met the temperature conditions that would automatically start ventilation operation? 	15

At times like these		Please check	Reference page
R M Ko hmm • Manipulation Work but Think common Yo common To in tree N stomach	No reception, remote control not working properly, no display on remote control	<ul style="list-style-type: none"> Press the "Reset" button on the remote control, set the current time, and then try again. - Have the batteries in the remote Control run out? - Have the batteries been turned on backwards? - Are you sure you are pointing the remote control at the air conditioner when you are using it? - Are the fluorescent lights old and flickering? - Have you set up a setting to prevent interference between remote controls? Please set it again. 	10/11 10 10 10 32
Books body table Show	The airflow cannot be changed	<ul style="list-style-type: none"> Is the unit in dehumidification mode? Is the unit in ventilation mode only? - Is the unit in full power mode? - Is the unit in interior cleaning mode? - Is the unit in mold/condensation prevention mode, or clothes drying mode? - Is the temperature of the air blown out during heating mode low? When the air blown out temperature is low, set the air volume to a low level. 	17 15 20 23 24-25
To in tree N stomach	The temperature cannot be changed	<ul style="list-style-type: none"> Is the sterilizing ion function in operation only? • Is the ventilation function in operation only? • Is the unit in full power operation? • Is the interior cleaning function in operation? • Is the mold/condensation prevention or clothes drying function in operation? 	13 15 20 23 24-25
	Timer programming is not possible. The time display is flashing.	<ul style="list-style-type: none"> The current time may not be set. 	11
Books body table Show	The unit display does not light up	<ul style="list-style-type: none"> Is the unit in sleep mode? - Have you turned off the unit display (other than the operation lamp, timer lamp, and filter cleaning lamp) using the "Display" button on the remote control? 	21 31
	The Clean Sign continues to light up "Even though the air is clean (red) (orange)" or "Even though there is an odor (green)" (for more than 2-3 hours)	<ul style="list-style-type: none"> Change the sensitivity of the odor sensor. If the problem persists, stop operation, unplug the power cord, wait 30 seconds, plug it back in, and then operate the unit. If the problem persists, please consult the store where you purchased the unit. 	31
P N R	The panel does not open when operation starts, or there is a strange noise	<ul style="list-style-type: none"> Stop operation, unplug the power cord, wait 30 seconds, plug it back in and operate again. - Is the panel installed correctly and closed securely? Reinstall it correctly. - Is the filter cleaning operation in progress? (Operating with the panel closed) 	38 <small>twenty two</small>
	The operation has stopped, but the panel won't close.	<ul style="list-style-type: none"> Press the "Stop" button on the remote control. If that doesn't close the door, unplug the power cord, wait 30 seconds, then plug it back in. 	-
	I tried to remove the panel by hand but it wouldn't come off.	<ul style="list-style-type: none"> Unplug the power cord, wait 30 seconds, plug it back in, wait at least 2 minutes, and then unplug it again. 	-
Cleaning I luck Transfer - centre	The automatic filter cleaning operation will finish in about 1 to 2 minutes (the filter on the main unit (The filter cleaning lamp goes off.)	<ul style="list-style-type: none"> Is the air filter inserted? Is it securely attached? Please reinstall it correctly. If the same symptoms persist, please consult the store where you purchased the product. (Cooling and heating operations can be performed as usual.) 	40-41



caveat

If the unit is not working properly, if the temperature display number is flashing, or if any of the following symptoms are present, first check the flashing number, then immediately stop operation, unplug the power cord, and consult the store where you purchased the unit. Continuing operation while the unit is malfunctioning may result in breakdown, electric shock, or fire. (See page 42 for warranty and after-sales service.)

- The breaker or fuse frequently trips.
- The power cord or plug becomes abnormally hot.
- Water leaks from the indoor unit.
- Foreign objects or water have been accidentally put in.
- The operating noise is abnormally loud.

late

Obstacles

mosquito

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Specifications

Indoor/outdoor unit combination	Indoors	AY-U22SX	AY-U25SX	AY-U28SX	AY-U40SX	AY-U50SX	AY-U63SX
	Outdoors	AU-U22SXY	AU-U25SXY	AU-U28SXY	AU-U40SXY	AU-U50SXY	AU-U63SXY
type Power		Separate type, air-cooled, for both cooling and heating (inverter)					
supply capacity		Single phase 100V, 50/60Hz 2.5			Single phase 200V, 50/60Hz		
(kW)		2.2(0.6~3.4) 15	(0.4~3.5) 17	2.8(0.4~4.2) 19	4.0(0.4~5.0) 28	common 5.0 (0.7~5.8) 6.3 (0.7~6.5)	
concrete apartment Approximate area (m ²)	South-facing Western-style room in reinforced area (m ²)	10		13	18	34 43 23 29 1280	
cold Tufts	South-facing wooden Japanese-style room Power consumption (W)		11			(110~1750)	2160
Operating Current (A)		3.8	4.3	4.7	4.3	6.5	10.9
Energy Efficiency		6.20	6.25	6.29	4.94	3.91 2.92 4.4 4.4 5.0 5.2	
Driving noise (dB)	Indoors	38	41	42	44	6.3(0.7~10.0)	
	Outdoors	42	43	43	47	7.1(0.7~10.2)	29 32 23
Standard capacity(kW)		2.5(0.6~5.8) 11	2.8(0.5~6.3) 13	3.6(0.5~7.7) 16	5.0(0.7~9.4) 23	26 1390(110~2830)	1725(110~2940)
reinforced concrete apartment: 2	South-facing Western-style room in a Estimated area (m ²)	9	10	13	18	7.0 8.7	
Warm Tufts	wooden Japanese-style room facing south (W)	380(100~1360)	435(100~1390)	570(100~1960)	905(100~2770)		
Operating current (A)		4.0	4.6	5.8	4.7		
Energy Efficiency		6.58	6.44	6.32	5.52	4.53	4.12
Driving noise (dB)	Indoors	43	46	46	48	48	48
		44	44	44	48	50	52
Outdoors Year-round energy consumption		6.6	6.6	6.6	6.1	5.1	4.6
efficiency Compressor output (W)		750	750	750	750	1100	1100
Mass kg (kg)		16	16	16	16	16	16
	Indoor	35	39	39	39	39	39
External dimensions (mm)		890×325×278		890×325×278			
Width x Depth x Height		780×265×540		800×300×630			

- Outdoor Indoor Outdoor Operating characteristics are values based on JIS (Japanese Industrial Standards).
- When the operating noise is measured in the actual installed state, it is usually louder than the indicated value due to surrounding noise and reverberation.
- When the power plug is plugged in, the AY-U22SX/AU-U25SX/AU-U28SX consumes approximately 0.3 watts of power, and the AY-U40SX/AU-U50SX/AU-U63SX consumes approximately 0.5 watts of power to keep the microcomputer running even when not in operation.
- This unit can be used in both 50Hz and 60Hz regions. Even if the power frequency changes due to moving, there is no need to replace or adjust parts.


Usage and shopping advice, etc.

[Customer Service Center]

0120 - 078 - 178

 You can also use it from your mobile phone or PHS.

If you cannot use the toll-free service from an IP phone, etc.

	Phone	fax
Eastern Japan Consultation Room →	043 - 351 - 1821	043-299-8280
Western Japan Consultation Room →	06 - 6792 - 1582	06-6792-5993

Reception hours: Monday to Saturday: 9:00 to 18:00 Sundays and public holidays: 9:00 to 17:00 (excluding New Year's holidays)


Repair consultation etc.

[Repair Consultation Center] (Excluding Okinawa and Amami areas)

0570 - 02 - 4649

 You can use the service from anywhere in the country at a flat rate. You can also use it from your mobile phone.

If you use a PHS, IP phone, or fax machine, or live in the Okinawa or Amami area...

	PHS/IP phone	Fax: 043
Eastern Japan →	043 - 299 - 3863	- 299 - 3865 06 - 6792
Western Japan →	06 - 6792 - 5511	- 3221
Okinawa/Amami region →	"Naha Service Center" 098-861-0866 (Mon-Fri 9:00-17:30)	

Business hours •Monday to Saturday: 9:00 to 20:00 •Sundays and public holidays: 9:00 to 18:00 (excluding New Year's holidays)

*Telephone numbers and business hours are subject to change. (2006.12)

Please use our website for frequently asked questions and e-mail inquiries.



Sharp support page

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

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みんなで家電リサイクル、つくろう循環型社会

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Theory
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