



Room Air Conditioner  
Home use

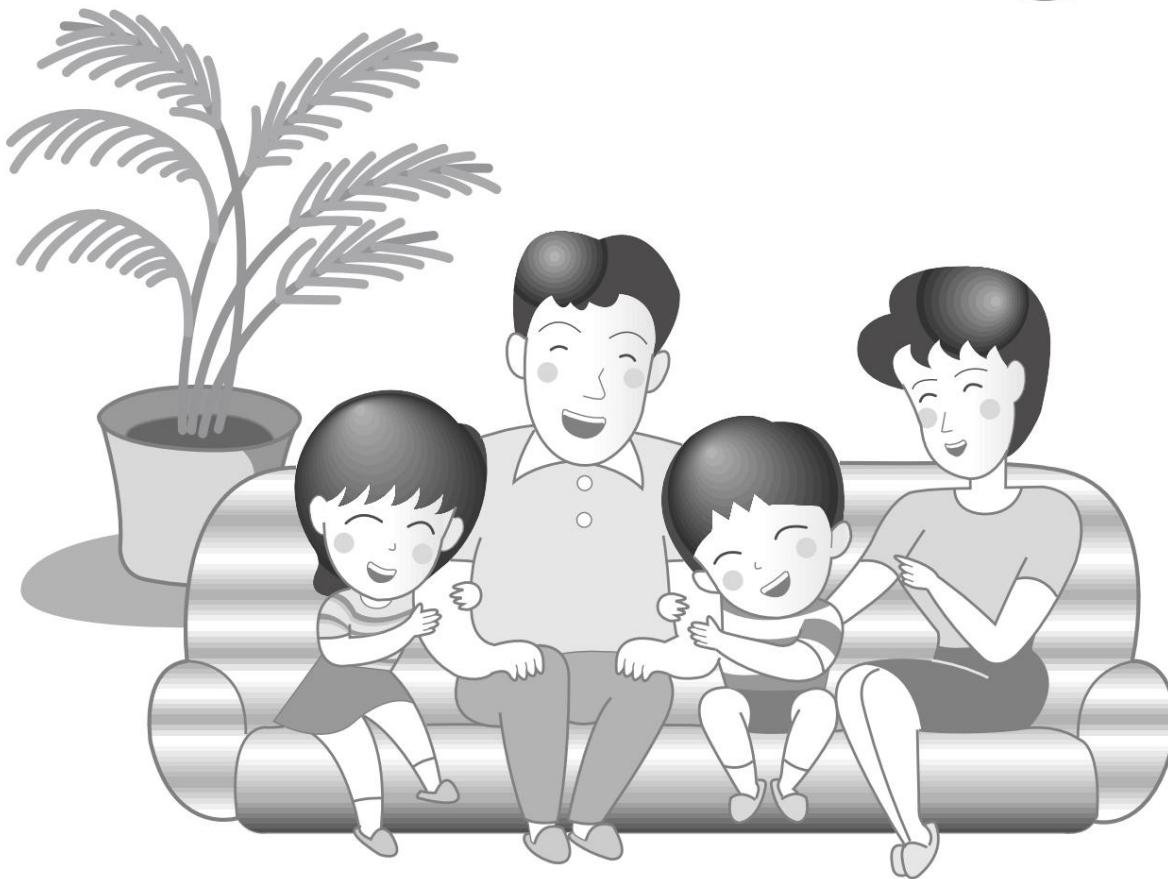
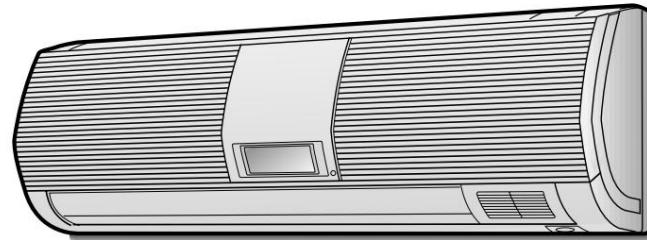


# Instruction Manual



Indoor unit  
AYMSXY AYMSXY  
**AY-M28SX AU-M28SXY**

Outdoor unit



Thank you very much for your purchase.

Please read this instruction manual carefully and use the product correctly.

Please be sure to read the "Safety Precautions" before use.

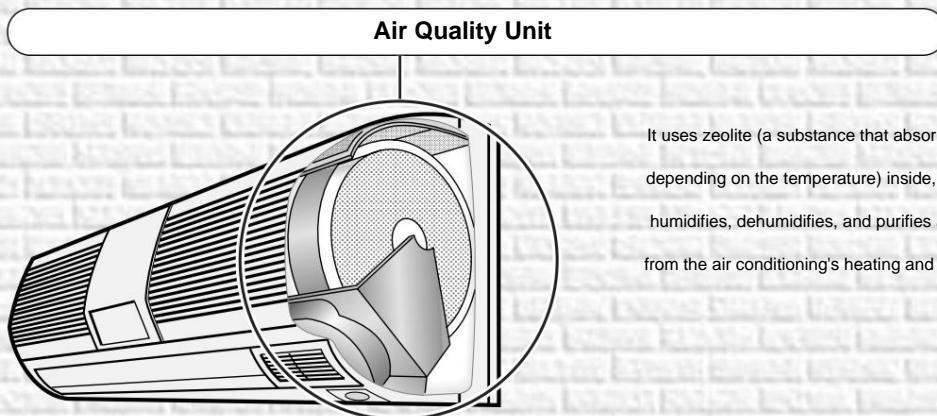
This instruction manual, along with the warranty and installation instructions, should be kept in a place where you can view them at any time.

Be sure to save it.

# Features

## Air Conditioner Plus

Humidification, Dehumidification, Air Purification and Ventilation Unit



Air Quality Unit

It uses zeolite (a substance that absorbs and releases moisture depending on the temperature) inside, and it independently humidifies, dehumidifies, and purifies and ventilates the air, separate from the air conditioning's heating and cooling functions.

### Air conditioner and air quality unit

#### 併用 運転

Pages 16 to 18

The air conditioner's heating, cooling, and dehumidification functions are combined with the air quality unit's humidification, dehumidification, and air purification and ventilation functions.

##### Humidified heating in winter.

##### Dehumidifying air conditioning in summer.

##### Combination of air conditioner dehumidification and air quality unit dehumidification

It can dehumidify by cooling in the summer and warming in the winter.

### Air Quality Unit

#### 単独 運転

Pages 22-23

The air quality unit allows air purification ventilation, humidification and dehumidification to be operated independently.

##### Year-round air purification and ventilation

You can choose between "sensor automatic ventilation", "continuous ventilation" and "strong ventilation".

##### Waterless humidification

##### Dehumidification without drainage

LCD display in the center of the unit will inform you of the room environment and operating status.



Displays the room environment and the operating status of the air conditioner. (When you press the "Notification" button) Also displays usage advice during operation. (Notifications are given by sound and color)

Depending on the content being displayed, the light may be orange, blue, purple, green, or yellow.

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Keep an eye on the temperature at your feet.

### Infrared sensor

### Equipped Equipped

Does not destroy the ozone layer.

Adopts HFC refrigerant Adopts HFC refrigerant

Maximize the capabilities of your inverter air conditioner and achieve energy-saving, high power.

Pulse Amplitude Modulation (Pulse voltage amplitude waveform control method)

### PAM Control

Operation stopped.

### Start delay timer

### Start delay time 0.3 watts 0.3 watts

Reduces the smell of the air when the air conditioner starts

### Speed

### Speed delay start 1 minute delay start

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# Safety Precautions Safety Precautions

This instruction manual and product use various pictorial symbols to ensure safe use. ♪ The contents that may occur if you ignore the symbols and handle the product incorrectly are classified as follows. ♪ Please read the main text after fully understanding the contents. ♪



**WARNING** This indicates that there is a risk of death or serious injury.



**CAUTION** This indicates that there is a risk of injury to people or damage to property.

## Meaning of pictograms



This indicates that you should not do this.



This indicates that you should not get the product wet.



This indicates that you should not touch the product with wet hands.



This indicates that you must do something.



This symbol indicates that you must ground the



product. This symbol indicates that you must unplug the power plug from the outlet.

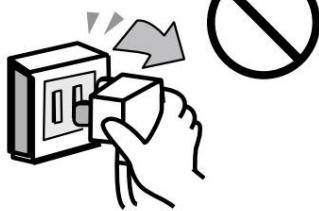
After reading, be sure to store it in a place where users can see it at any time.



## WARNING

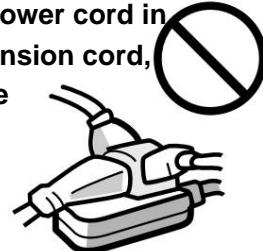
### Do not shut off the power by plugging it in.

Doing so may result in electric shock or fire.



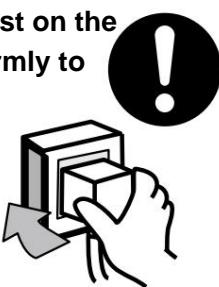
### Do not connect the power cord in the middle, use an extension cord, or connect it to multiple electrical appliances.

Doing so may result in electric shock or fire.



### Check that there is no dust on the power plug, and insert it firmly to the base of the prongs to prevent wobbling.

Dust or improper connections may cause electric shock or fire.



### Do not bundle the power cord with a cable tie or wire, pull it, place heavy objects on it, or heat or modify it.

Doing so may cause the power cord to break. Using a damaged cord may result in electric shock or fire.



### If the air conditioner does not cool or heat, one of the possible causes is a refrigerant leak, so please consult the store where you purchased the product. If the repair requires the addition of refrigerant, please check the details of the repair with a service technician. The refrigerant used in air conditioners is safe. Normally, it will not leak, but if the refrigerant leaks into the room and comes into contact with a flame from a fan heater, stove, or cooker, it can cause harmful substances to be generated.



### Do not use any refrigerants other than HFC refrigerant (R410A).

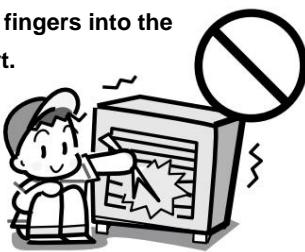
Doing so may result in serious accidents such as breakdown or explosion.



## WARNING

- Do not insert sticks or fingers into the air intake or exhaust port.

The internal fan rotates at high speed and may cause injury.



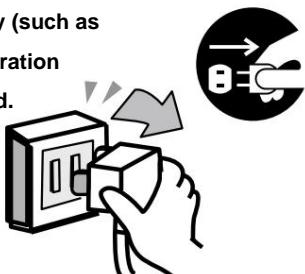
- Do not expose your skin to cold air for long periods of time or cool it too much.

This can lead to deterioration of physical condition and health problems.



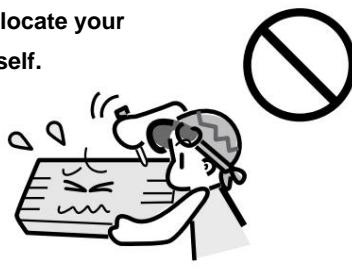
- If there is an abnormality (such as a burning smell), stop operation and unplug the power cord.

Continuing to operate the unit while it is malfunctioning may result in breakdown, electric shock, or fire.



- Do not repair or relocate your air conditioner yourself.

Any defects may cause electric shock or fire.



\*Please contact the store where you purchased the product or Sharp Customer Service Center .

## Note:

- Do not use for special purposes such as storing food, animals, plants, precision instruments, or artwork.

This air conditioner is for general household use. Using it for other purposes may result in a deterioration in quality.



- Do not operate the buttons or insert or remove the power plug with wet hands.

It may cause electric shock.



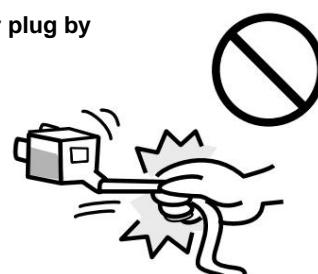
- When operating the appliance together with a combustion appliance, ventilate the room frequently.

Insufficient ventilation can cause oxygen deficiency.



- Do not pull the power plug by pulling on the cord.

A part of the core wire may break, causing heat generation or fire.



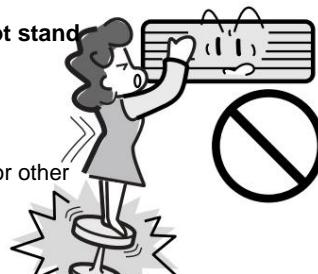
- Do not touch the metal parts of the indoor unit when the open panel is removed.

This may result in injury.



- When cleaning, do not stand on an unstable platform.

This may cause a fall or other injury.



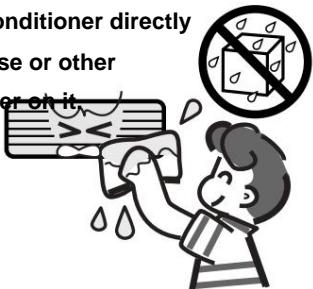
# Safety Precautions Safety Precautions



## Note:

- Do not wash the air conditioner directly with water or place a vase or other container filled with water on it.

Electric leakage may cause electric shock or fire.



- After washing the open panel with water, wipe off the water and dry it thoroughly.

If moisture remains, it may cause electric shock.



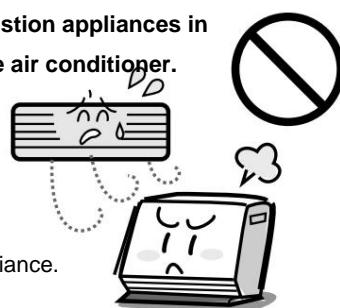
- Do not place animals or plants in direct contact with the air conditioner.

This may cause adverse effects on plants and animals.



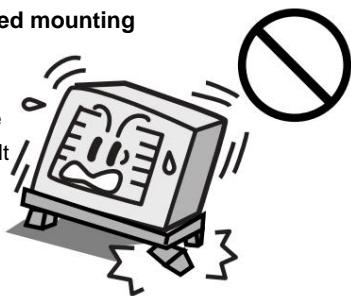
- Do not place combustion appliances in direct contact with the air conditioner.

This may cause incomplete combustion in the combustion appliance.



- Do not use damaged mounting bases, etc.

This may cause the unit to fall and result in injury.



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

Doing so may result in injury due to falling or tripping.



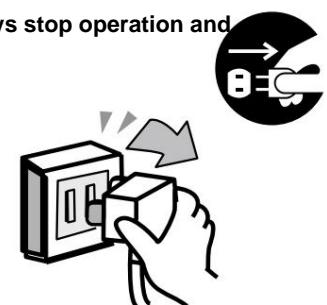
- If you will not be using the product for a long period of time, unplug the power plug from the outlet for safety reasons.

Accumulation of dust may cause heat generation or fire.



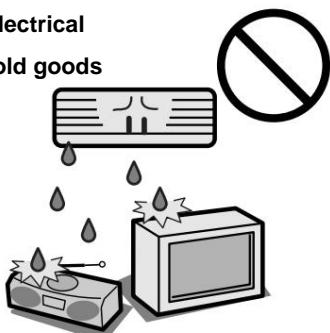
- When cleaning, always stop operation and unplug the power cord.

The internal fan rotates at high speed and may cause injury.



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

Water droplets may drip onto the device, causing dirt and damage to the device.



- The power supply is at the rated voltage and uses a circuit dedicated to air conditioners.

Doing so may cause malfunction or fire.



# Set pictureAttached hair To stomach hand



## WARNING

- Installation should be requested from the store where you purchased the product or a professional.

If you install it yourself and there are any improper installations, it could result in water leaks, electric shock, or fire.



## Note:

### ● Earth the device.



Do not connect the earth wire to gas pipes, water pipes, lightning rods, or telephone earth wires. Incomplete earthing may cause electric shock.

### ● Depending on the installation location, a leakage breaker may need to be installed.

If the earth leakage breaker is not installed, it may cause electric shock.



### ● Do not install in locations where there is a risk of flammable gas leaking.



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

### ● Pipe the drain hose so that it drains properly.



If you are unsure, it may cause water to get inside the house and cause your belongings to get wet.

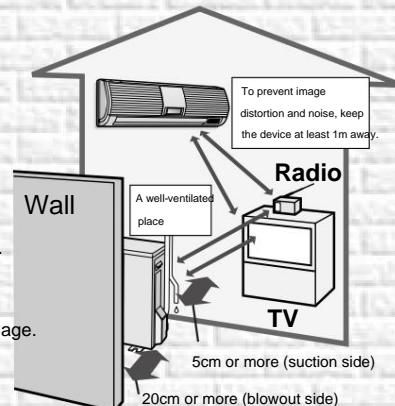
In addition to the above, please be aware of the following:

#### Installation location Avoid

##### installing the unit in the following locations. - Places with

- high salt content, such as coastal areas. -
- places with high levels of sulfur gas, such as hot springs. -
- Places with a lot of machine oil. -
- Places with a lot of water vapor or oily smoke. -
- Places where the outdoor unit may be blocked by accumulated snow. \* Make sure to drain the water from the air conditioner in a location with good drainage.

\*If noise still occurs even when the device is more than 1 m away, move the radio, television, etc. to a location where noise is eliminated. \*If there is enough space in the installation area, please leave as much space as possible for efficient operation.



#### Electrical Works

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

#### Please be considerate of noise.

**Please choose a location that is:** - A location that can adequately withstand the weight of the air conditioner and does not transmit excessive operating noise or vibration. - A location where the wind from the outdoor unit's air outlet and operating noise will not disturb neighbors.

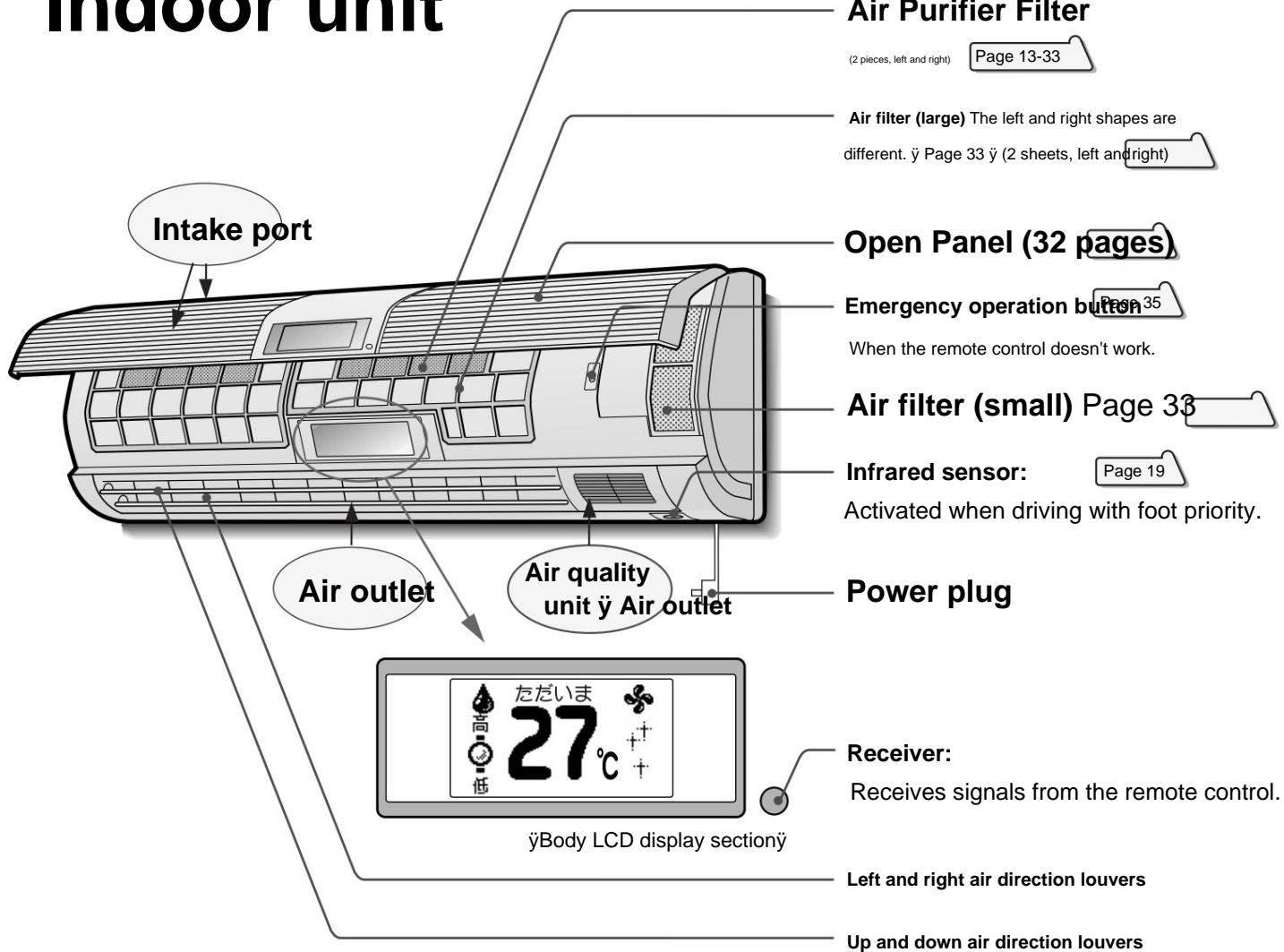
- Do not place any objects near the air outlet of the outdoor unit. This may cause a decrease in functionality or an increase in noise. - If you hear any abnormal noises during use, please consult the store where you purchased the product.

#### Relocation/Disposal

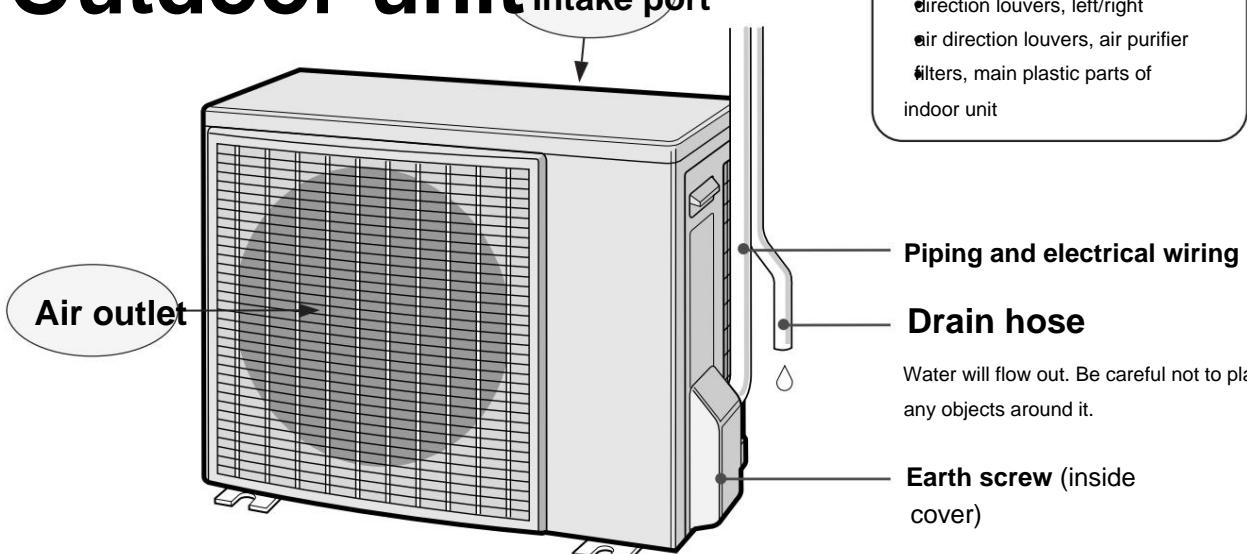
When removing or reinstalling an air conditioner, specialized techniques are required, such as for recovering the refrigerant. Please consult with the store where you purchased the product (or the Sharp Customer Service Center) (charges 10~39). In this case, you will be informed of the actual cost of relocation or disposal.

# 各部のなまえ

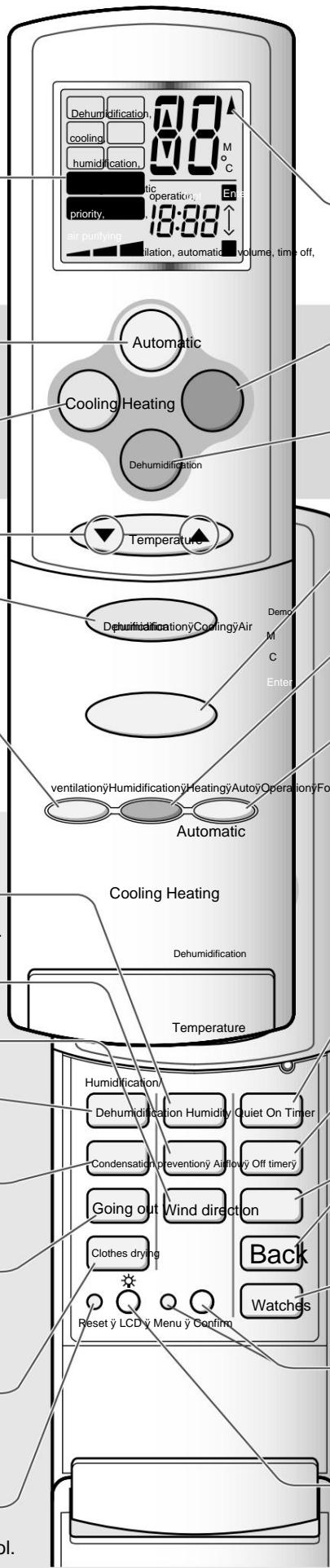
## Indoor unit



## Outdoor unit



# Remote control



**How to open the cover:** Lift the cover towards you to open it.



## Display

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

**Auto button:** When [Page 18](#)

driving automatically.

**Cooling button:** [Page 16](#)  
When operating in cooling mode.

**Temperature button:** [Page 20](#)

**Air purifying ventilation button:** [Page 22](#)

When operating the air purification ventilation (automatic ventilation, continuous ventilation, strong ventilation).

**Notification button:** When you [Page 11](#)

want to know the current room environment and the operating status of the air conditioner.

## When the cover is opened

**Quiet button:** When [Page 24](#)

you want to reduce the operating noise indoors.

**Airflow button ( page 20)**

**Airflow button ( page 20)**

**Humidity button :** When [Page 23](#)

operating the unit for humidification or dehumidification.

**Condensation prevention** [Page 24](#)

**button:** To prevent condensation in the room.

**Going out button:** When [Page 24](#)

you want to ventilate a closed room while you are out.

**Clothes Drying Button:** [Page 24](#)

When you want to dry your clothes (laundry) in your room.

**Reset button** ý When [Page 14](#)

replacing the batteries in the remote control.

## Send Indicator

It will light up when a signal is sent to the air conditioner.

## Heating button

[Page 16](#)  
When operating in heating mode.

## Dehumidification button

[Page 16](#)  
When dehumidifying.

## Stop button

When you stop driving.

**Foot Priority Button:** When you [Page 19](#)  
want to prioritize your foot space when driving.

## Easy off timer button:

To set the off timer for 1, 3, 5 or 7 hours later.  
[Page 26](#)

**On timer button** ý To set the [Page 28](#) timer.

**OFF TIMER BUTTON** ý To set [Page 27](#) the OFF TIMER.

**Forward/Back button:** When adjusting the time.  
[Pages 15, 27-29](#)

**Clock button:** To set [Page 15](#) the current time.

**Menu/Enter button** ý When making other adjustments.  
[Pages 36-37](#)

**LCD button** ý When you [Page 35](#) want to turn off the LCD light on the main unit.

\* When closing the cover, close it until you hear a click. (If it is not closed properly, it will not function properly.)

# 本体液晶表示について

## List of examples of the LCD display on the main unit

This is an example of the display and advice displayed while driving or operating the vehicle. The LCD will light up in orange, blue, purple, green, yellow, etc. depending on the content being displayed.

Page 11

### "Notice" display



When the indoor cleanliness level is displayed using the



"Notification" button (yellow)  
When the operating power is displayed using the "Notification" button (yellow)

Pages 16 to 18

### Heating, cooling, dehumidification, automatic operation - convenient usage



Dehumidifying and cooling in operation (room temperature is 27°C)



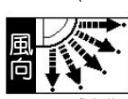
Automatic operation has started and the sensor is detecting.

Pages 20

### Change temperature, air volume, and direction. Timer settings.



When the temperature is set to 25°C



When the wind direction is changed to swing

### Note

- The LCD display brightness can be adjusted using the remote control.
- The LCD light can be turned off using the remote control.

Pages 36-37

Page 35

Pages 22-23

### Advice display: Air purifying ventilation, humidification and dehumidification operation alone



Sensor automatic ventilation is operating alone.

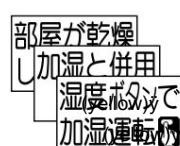


Humidification is in independent operation.

Page 24

Page 12

The advice display will be displayed once and will disappear automatically if you leave it as is.



Advice display recommending humidification

(yellow) (yellow)

### Ricky



This is the character that appears on the screen while driving or operating the device.



Emoji for ventilation (rotating blades)



When not, invert  
(The air purifying unit is working.)



Emoji for dehumidification (water droplets change)



When the air purification unit is not working, the reverse will be displayed as text.



Humidification emoji (moving steam)

## Humidity and cleanliness display

During automatic operation, the humidity and cleanliness of the room are displayed.

Page 18

When in heating, cooling, or dehumidification

mode, see page 17.



### Humidity display (example) -

- Displays the humidity in the room in five levels.

Low humidity Optimal humidity High humidity



### Cleanliness display

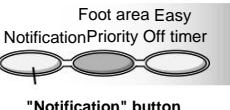
- The air purifier sensor monitors the degree of air pollution in the room and displays the cleanliness level in three stages.

CleanLess dirty More dirty



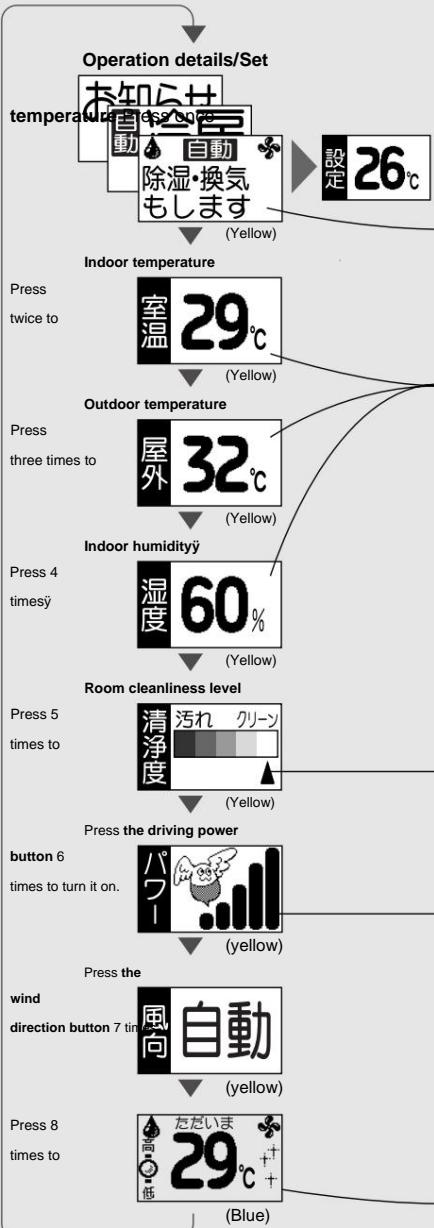
## Display "Notice" Display "Notice"

When you press the "Notification" button on the remote control, the LCD display on the unit will show the current room environment and the operating status of the air conditioner.



### While driving

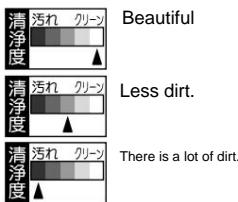
(Example) Automatic (dehumidifying and cooling) operation, room temperature 29°C.



After displaying the operation details, it will automatically switch to displaying the set temperature. (When in automatic, heating, or cooling operation) When in automatic operation, it will display the operation details and set temperature automatically selected by the air conditioner.

The displayed indoor temperature, outdoor temperature, and indoor humidity are approximate and may differ from the actual temperature and humidity.

Indoor air cleanliness is displayed on a 5-point scale. (Example)

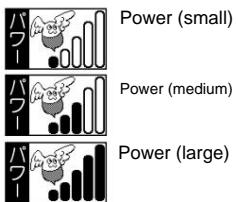


Beautiful

Less dirt.

There is a lot of dirt.

The operating power is displayed in five levels. (Example)



Power (small)

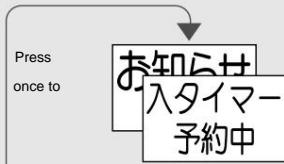
Power (medium)

Power (large)

Finally, it will return to the original display.

### Stopping

(Example) When you have scheduled the on timer.



● the on timer is not set, nothing will be displayed other than the room temperature.

### Note

- Press and hold the "Notification" button for more than 2 seconds. Pressing the "Notification" button will fast forward the image. \* After about 10 seconds have passed since pressing the "Notification" button, the original display will return.

## Display of operation time/electricity cost /Display of electricity cost

If you press the "Notification" button (example) within about 40 seconds after the operation has stopped, the air conditioner's operating time and electricity cost will be displayed on the main unit's LCD.



### Note

- The electricity bill displayed is an estimate calculated based on the air conditioner. Electricity bill = unit price x amount of electricity\*

\*Amount of power = Power consumption x Operating time (power consumption varies depending on load, etc.) \*The unit

\*Price used to calculate your electricity bill varies depending on the region and household. You can also change the unit price for your electricity bill.

(The initial setting is 23 yen/kwh)\*Electricity bills are displayed in 1 yen increments for amounts between 0 and 100 yen. Pages 36-37

\*Yen, in 5 yen increments for amounts between 10 and 100 yen, and in 10 yen increments for amounts over 100 yen.

# 本体液晶表示について

## Advice display Advice display

This air conditioner has a function that displays usage advice on the main unit's LCD screen while it is operating.

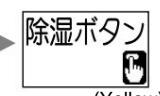
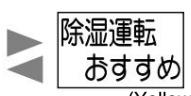
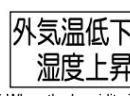
Yes. The advice message will only be displayed once and will disappear automatically after about 30 seconds.

### Show recommended driving

### Shows the buttons to operate.

**(Example)** ● the outdoor temperature suddenly drops due to rain during air conditioning,

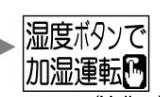
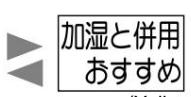
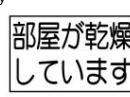
When the humidity in the room increases...



Press the "Dehumidify" button to operate the dehumidifier.  
To do so.  
I recommend it.

Page 16

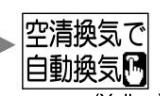
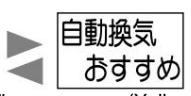
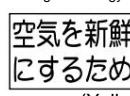
● the room is low during heating\*



Humidification and heating with the "Humidity" button  
To drive.  
I recommend it.

Page 17

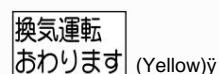
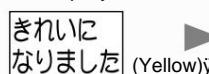
● room becomes polluted during heating or cooling



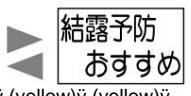
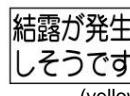
Automatic ventilation with the "Air Purification Ventilation" button.  
Use driving in combination.  
I recommend it.

Page 17

When the automatic ventilation operation is performed and the air is cleared,  
It will display as follows: ♪



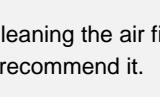
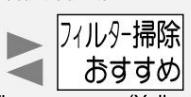
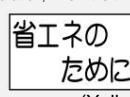
● When condensation is likely to form in the room immediately after operation is stopped.



Prevent condensation with the "Prevent condensation" button.  
To drive.  
I recommend it.

Page 24

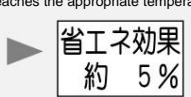
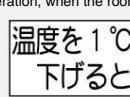
● Immediately after stopping operation, when it is time to clean the air filter.



Cleaning the air filter  
I recommend it.

Page 33

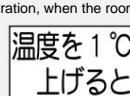
● During automatic (heating) operation, when the room reaches the appropriate temperature (set temperature) and humidity (about 40% or more),



Lowering the set temperature by 1°C saves about 5% energy.

We would like to inform you that this will be the case.

● During automatic (cooling) operation, when the room temperature (set temperature) and humidity (below about 70%) become appropriate,



Raising the temperature setting by 1°C saves approximately 10% of energy.

We would like to inform you that this will be the case.

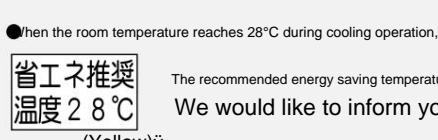
● When the room temperature reaches 20°C during heating operation,



The recommended energy saving temperature is 20°C.

We would like to inform you that.

(Yellow) ♪



The recommended energy saving temperature is 28°C.

We would like to inform you that.

(Yellow) ♪

### Note

● You can turn off the sound (piroro) that is made when advice is displayed.

● You can also disable the advice function so that advice is not displayed.

● The display will change alternately.

● For advice displays that emit a beep (beep beep), press the "Notice" button within about 40 seconds after the display disappears.

Press to display the advice again.

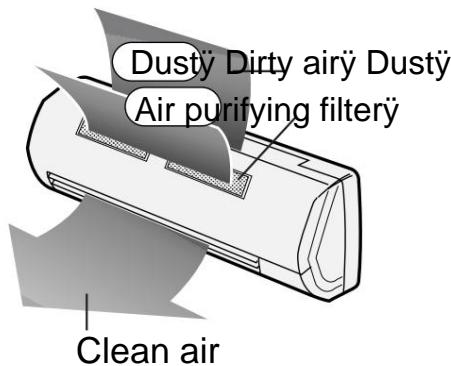
Pages 36-37

Page

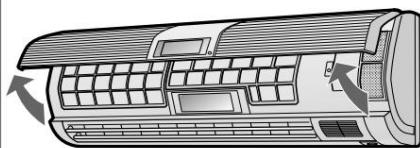
# 運転前の準備

## Install an air purifying filter. Install an air purifying filter.

The air purifying filter removes dust, dirt, cigarette smoke and odors from the air, and blows out clean air. The apatite antibacterial material used in the air purifying filter also has the effect of suppressing the activity of adsorbed viruses and germs. (Virus inactivation test by Japan Food Research Laboratories Foundation) It is a disposable type and should be replaced approximately every 3 to 6 months.

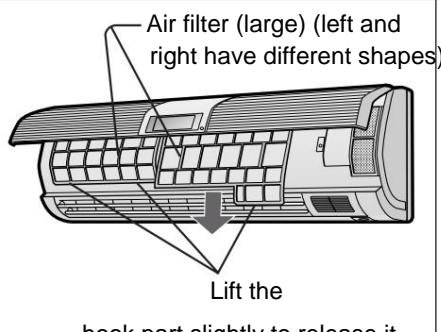


### 1 Open the open panel.

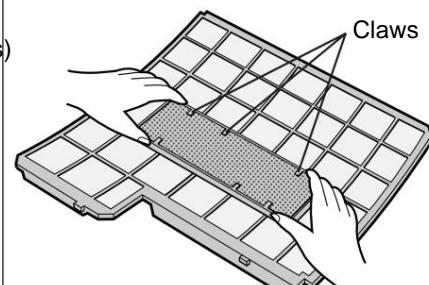


Hold the bottom left and right sides of the open panel and pull it towards you.

### 2 Remove the air filter (large)

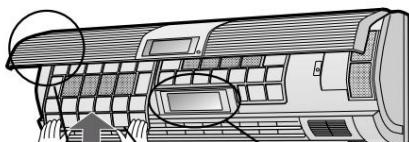


### 3 Attach the air purifier filter (accessory) to the air filter.



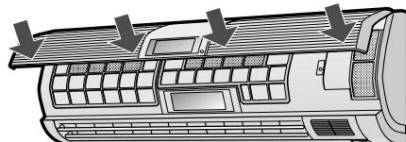
Place it under the tab (the method of attachment is the same for both sides)

### 4 Attach the air filter (large)



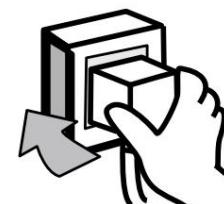
Bring the "Front" display to the front.

### 5 Close the open panel



Press the arrow part.

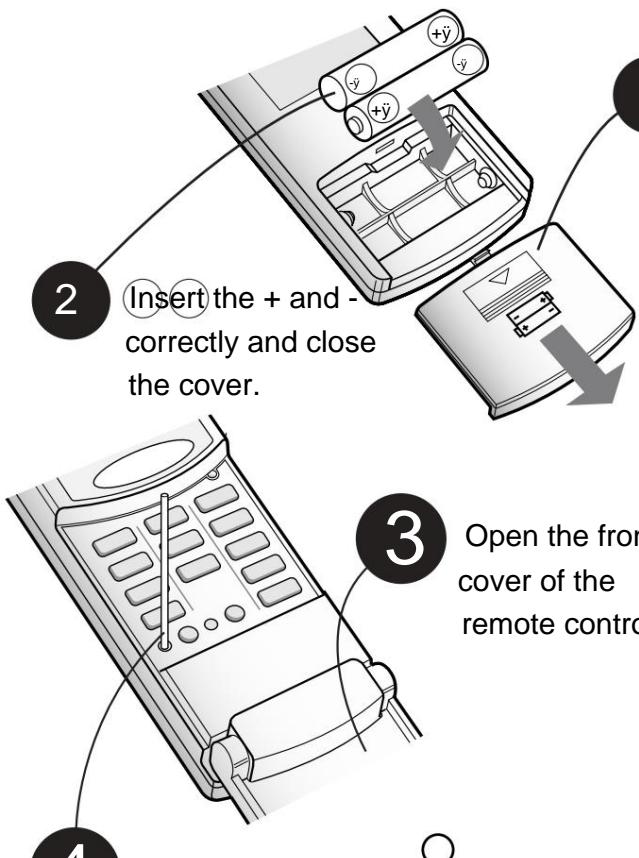
### 6 Insert the power plug into the outlet.



About

# 運転前の準備

**Inserting batteries into the remote control** Inserting batteries into the remote control (uses two AAA batteries (R03))



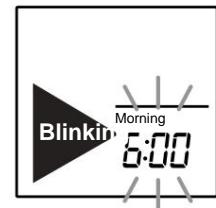
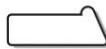
4 Press with a pointed object to close the cover. Reset.

●After inserting the battery, be sure to press the "Reset" button.

(If you do not press the "Reset" button, it may not work properly.)

●The time display will flash, so please set the current time. (Page 15)

Remote control display

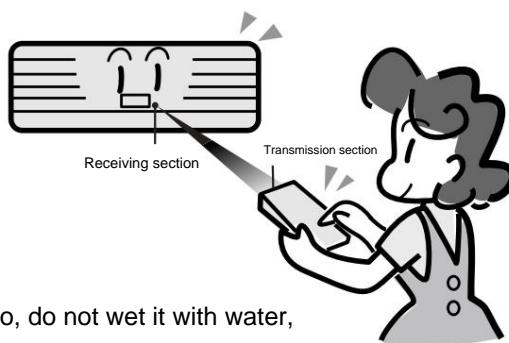


## How to use the remote control

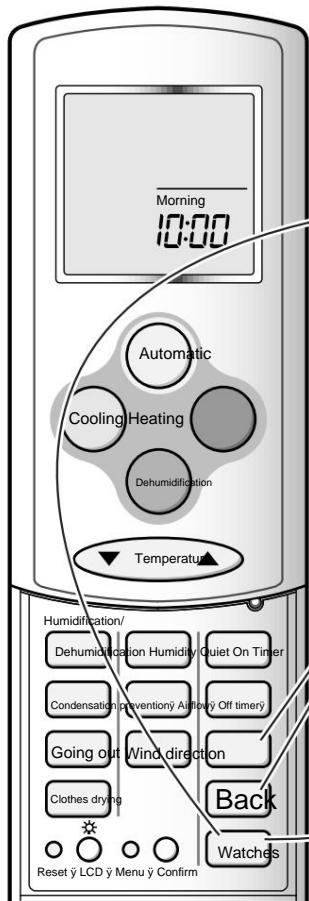
- Please operate the device by pointing it at the main unit (receiver). •The signal can reach a range of approximately 7m. •Make sure there is nothing blocking the signal. •When a signal is received, the device will emit a "beep" or "beep beep" sound.
- 

### Please

- Do not subject the remote control to shocks. Also, do not wet it with water, place it in direct sunlight, or place it near a stove, etc. This may cause it to malfunction.
- In a room with electronic instant-on or inverter fluorescent lights, the remote control may not receive signals. In such a case, please consult your dealer.
- If another air conditioner receives the remote control signal, please consult your dealer.



# Set the current time



Example: To set the time to 10:00 a.m.

**1 Open the cover  
and press the clock .**

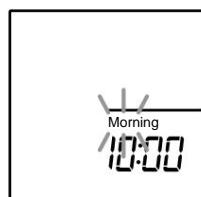
Remote control display



- The "AM" or "PM" indicator will flash.

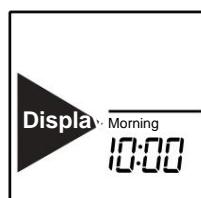
**2 Press Next or Back to  
set the time.**

- The time changes in 1-minute increments.
- Press and hold to fast forward.



**3 Press the clock**

(Current time setting completed)



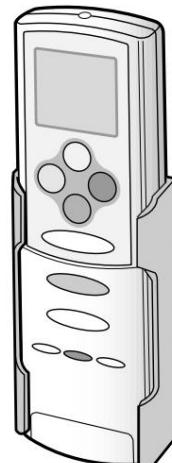
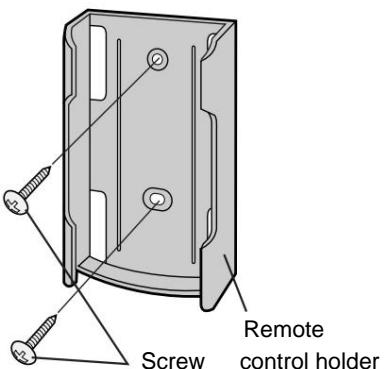
- The "AM" or "PM" indicator will light up.

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

## When hanging the remote control on a wall, etc.

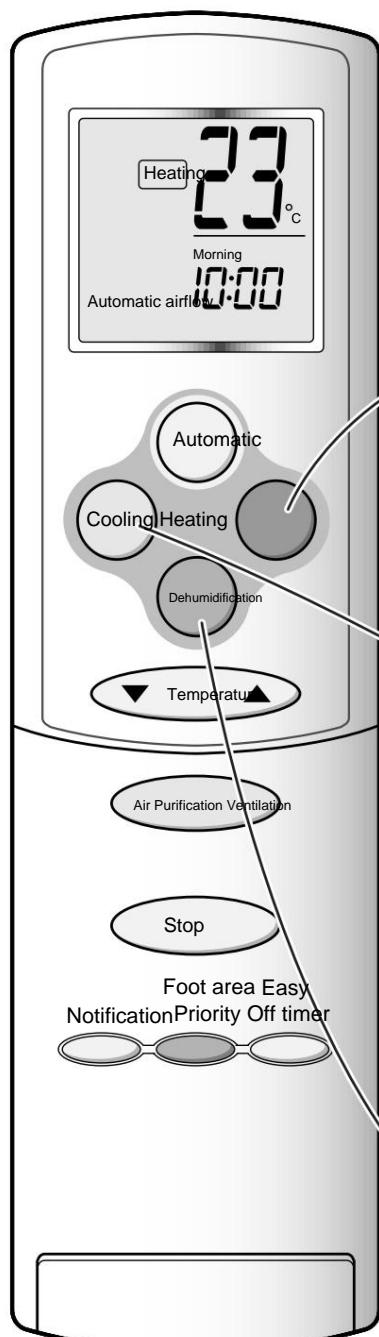
Press the buttons on the remote control (such as the "Auto" or "Stop" button) and attach the remote control holder to a position where you can hear the receiving sound from the main unit.

Secure with the two included screws.



# 暖房・冷房・除湿運転

Heating, cooling and dehumidification can be operated with one touch. The air quality unit's humidification, dehumidification and air purification ventilation can also be used in combination.



## Heating operation

The "humidity" button allows you to operate the unit in heating (humidified heating) mode while humidifying, or in heating mode while dehumidifying.

## Cooling operation

By pressing the "Humidity" button, you can operate the unit in both dehumidifying and cooling mode (dehumidifying and cooling mode).

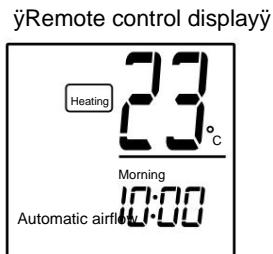
## Heating operation

**Press** Heating



(Displayed on the LCD screen of the unit) -

- Humidification/dehumidification and air purification ventilation of the air quality unit can be used in combination. (Page 17)



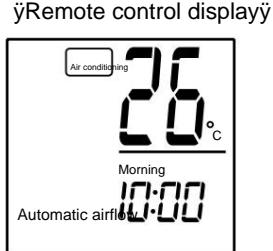
## Cooling operation

**Press** the cooling button



(Displayed on the LCD screen of the unit) - The

- Humidification and air purification ventilation functions of the air quality unit can be used in combination. (Page 17)



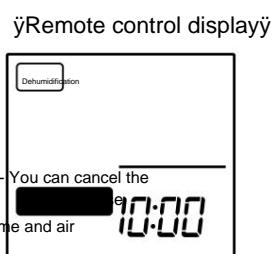
## Dehumidification operation

**Press** the dehumidifier



(Displayed on the LCD of the main unit) Morning

- If the air quality unit dehumidification, or combine it with automatic air purification ventilation. (Page 17)





### **Dehumidification operation**

The dehumidification function is a combination of the air conditioner's dehumidification and the air quality unit's dehumidification.



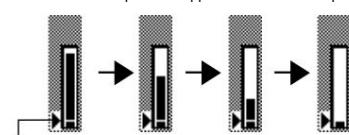
>Main unit LCD display

(Example) Cooling operation



You can also turn off the LCD light on the unit using the remote control. (Page 35)

"Difference between room temperature and set temperature" The display will change as follows as the temperature approaches the set temperature.



Set temperature (when heating, the set temperature will be higher)

- When in heating or cooling mode, the set temperature and room temperature are displayed in sequence, and the room temperature and the "difference between room temperature and set temperature" are displayed during operation. (However, when the humidification and dehumidification of the air quality unit are used in combination, the room temperature, humidity, and cleanliness are displayed, and when the air purification and ventilation are used in combination, the room temperature, humidity, and cleanliness are displayed.) (Page 10) ● When in dehumidification mode, the room temperature, humidity, and cleanliness are displayed. (However, when the combined use of the dehumidification and air purification and ventilation of the air quality unit is canceled, the cleanliness display disappears.) • The light on the main unit's LCD lights up orange (when heating), blue (when cooling), or purple (when dehumidifying) depending on the operation. When the room temperature is almost at the set temperature during heating or cooling, and when the room humidity is at an appropriate humidity during dehumidification, the light color becomes fainter.

### **When you want to stop**

Press the "Stop" button. (The LCD display on the unit will disappear.)



### **When you want to stop**

Press the "Stop" button. (The LCD display on the unit will disappear.)



### **Note**

- When the unit is in heating, cooling, or dehumidifying mode, open the cover of the remote control and press the "Humidity" button to use the air quality unit for both humidification and dehumidification as follows.

When heating → Use humidifier together Use dehumidifier together Cancel use

Cooling time → Use dehumidifier in combination Cancel use of dehumidifier in combination

When dehumidifying → Cancel combined use of dehumidification Combined use of dehumidification (double dehumidification) (air conditioner dehumidification only) (air conditioner and air quality unit combined)

- When the air purification unit is humidifying or dehumidifying, continuous ventilation is also performed at the same time, so "Air purification ventilation" is also displayed on the remote control. (However, the main unit's LCD display will show either "Humidification/Ventilation" or "Dehumidification/Ventilation.")

- When you press the "Air Purification Ventilation" button during heating, cooling, or dehumidification operation, the following air purification ventilation can be used at the same time. (Humidification and dehumidification cannot be performed at the same time.)

Automatic ventilation Continuous ventilation Strong ventilation Cancel combination  
(Check the LCD display on the unit)

- When the unit is in heating, cooling, or dehumidification mode, pressing the button for the same mode again will stop the mode. Also, when the unit is in a different mode, pressing the button for another mode will switch the mode to that mode.

heating

cooling

Dehumidification

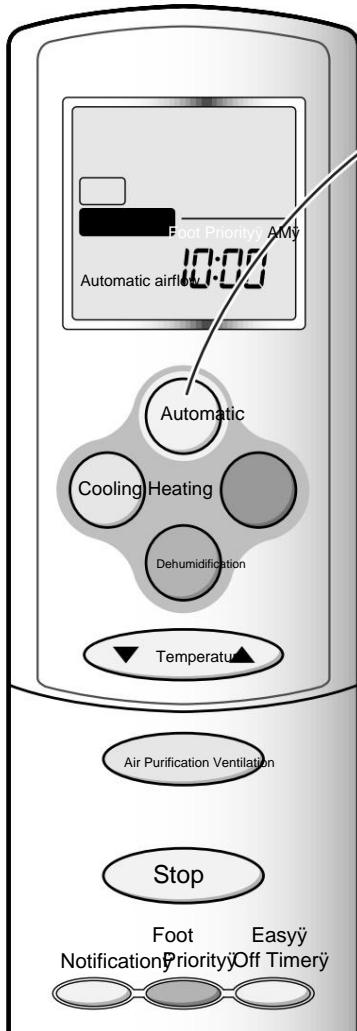
### **When you want to stop**

Press the "Stop" button. (The LCD display on the unit will disappear.)



# 自動運転

The air conditioner automatically selects the operation mode and temperature and operates accordingly. The air quality unit automatically performs humidification/ventilation, dehumidification/ventilation, and foot priority operation.



## Press Auto

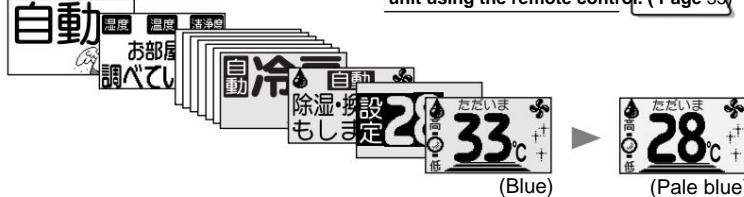
(Displayed on the LCD of the main unit)

●The remote control does not display the humidification/ventilation or dehumidification/ventilation details of the air quality unit.

### >Main unit LCD display

(Example) Automatic (dehumidifying and cooling) operation

You can also turn off the LCD light on the unit using the remote control. (Page 35)



●When operation starts, the operation type, set temperature, and room temperature are displayed in order, and the room temperature, humidity, and cleanliness are always displayed during

●Operation. (Page 10) •The light on the main unit's LCD will first turn yellow, and then turn orange (when heating), blue (when cooling), or purple (when dehumidifying) depending on the operation type. •When

●The room temperature is almost at the set temperature, the light on the main unit's LCD will turn pale, indicating that the set temperature has been reached.

## When you want to stop

●Press the "Stop" button. ♪ Beep♪ (The LCD display on the main unit will disappear)

## If driving, please self

The sensors monitor the temperature, humidity, cleanliness of the room, and the temperature of the floor.

The air conditioner selects the operation mode (heating, cooling, dehumidification) and the set temperature, and simultaneously performs humidification and ventilation or dehumidification and ventilation using the air quality unit. In addition, foot priority operation is also performed automatically. (Page 19)

Winter: Heating + humidification and ventilation by the air quality unit. Summer:

Cooling + dehumidification and ventilation by the air quality unit. Rainy season:

Dehumidification + dehumidification and ventilation by the air quality unit (double dehumidification).

●The sensor allows the unit to operate optimally according to the season and room conditions.

quality unit. -

●Press the "Humidity" button during automatic operation to cancel the combined humidification/ventilation or dehumidification/ventilation of the air quality unit. - Note - (Press the "Humidity" button again to resume combined use.) - Press the

●"Air purification/ventilation" button during automatic operation to combine the following air purification/ventilation

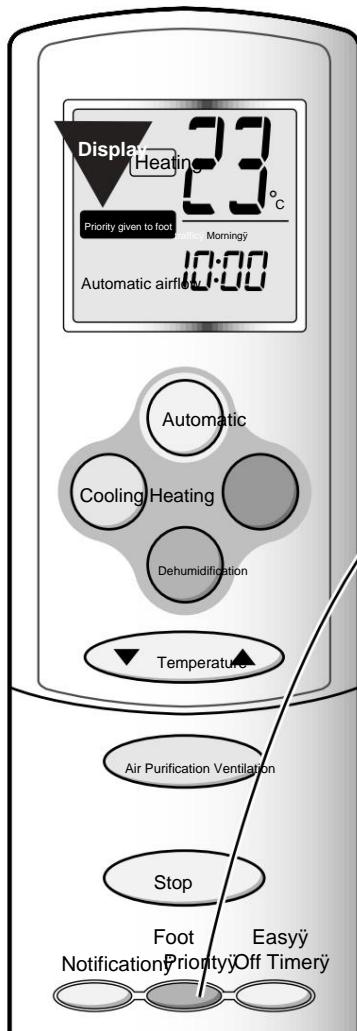
→ functions. - **Automatic ventilation** **Continuous ventilation** **Strong ventilation**  
Cancel combined use - (Check the LCD display on the unit)

(Humidification and dehumidification cannot be performed at the same time)

●If you press the "Auto" button again during automatic operation, it will stop.

# 足もと優先運転

- When the unit is in heating, cooling, or dehumidification mode, "foot priority" operation prevents the feet from feeling cold during heating, and prevents cold air around the feet during cooling or dehumidification.
- When the unit is in automatic mode, "foot priority" operation is automatically performed at the same time.



During heating, cooling, or dehumidification operation



Your feet

take priority

**Press**

ÿ Main unit LCD display

(Example) When the heating is in operation and foot priority is set.



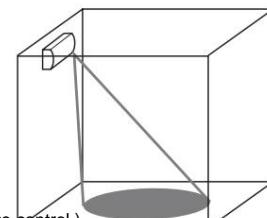
ÿ When you want to cancel

● Press the "Foot Priority" button again.

Beep ♪

## About foot priority driving

When foot priority is enabled, the infrared sensor is activated to check the temperature of the floor in the room and monitor the temperature at your feet. If the temperature at your feet drops, during heating, the temperature of the air being blown out is increased to prevent your feet from feeling cold, and during cooling and dehumidification, the temperature of the air being blown out is increased to soften the cold feeling and prevent your feet from feeling cold. (When foot priority is enabled, the temperature at your feet is prioritized over the temperature in the room, so the room temperature may differ slightly from the temperature set on the remote control.)



● When foot priority operation is enabled, the airflow direction is automatic, blowing air diagonally during heating and horizontally during cooling and dehumidification. (You can change the

airflow direction, but foot priority operation will not work properly.) ● Once set, foot priority operation will continue from next time

● onwards. (However, this will be canceled if you change the operation.) ● Errors may occur depending on the floor and operating conditions, and foot

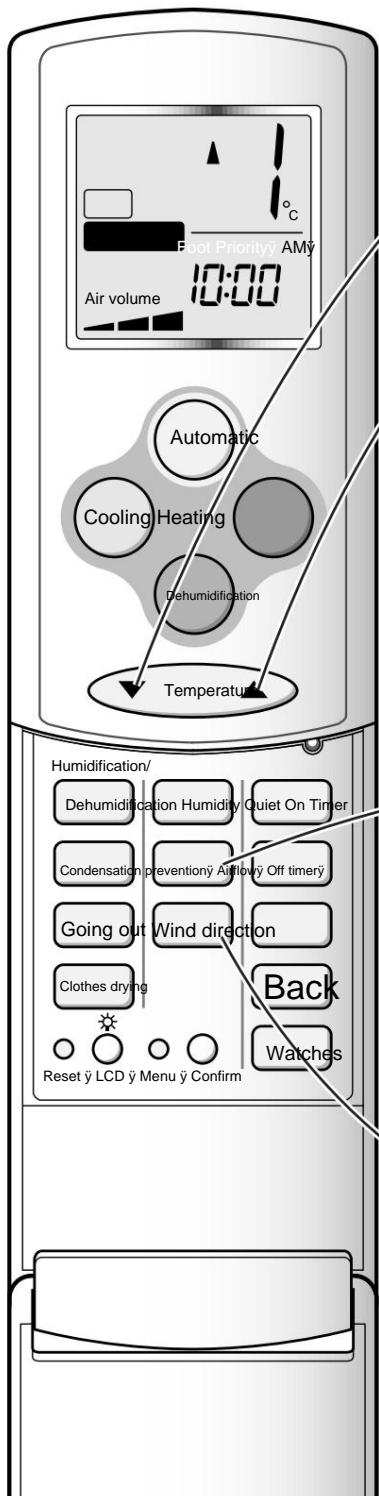
● priority operation may not work properly. ● The sensitivity of the infrared sensor can be adjusted depending on the installation height of

● the air conditioner. Pages 36-37

Auto

# 温度・風量・風向を変える

## Change the temperature



**Press**

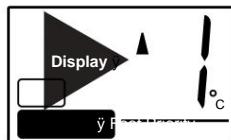
(Decreases by 1°C)

**Press**

(Increases by 1°C)

**Automatic/**

**Dehumidification mode** (Remote control display) (Main unit



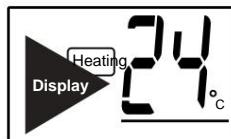
1°C Temperature increased by  
(Example) (Setting 23°C)



(Yellow)

● After about 4 seconds, the room temperature display will return.

**Heating and cooling time**



(Yellow)

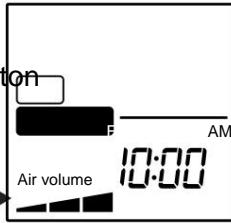
● After about 4 seconds, the room temperature display will return.

## Change the airflow Change

Open the cover.

**Press** the airflow button

{Remote control display} {Main unit LCD display}



(Yellow)

● After about 4 seconds, the room temperature display will return.

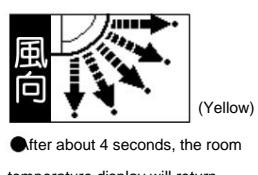
## Change the direction of the wind up and down

Open the cover.

**Press** the wind direction

{Remote control display} {Main unit LCD display}

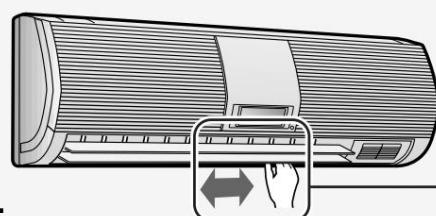
It is not displayed on the remote control.  
Please check the display.



(Yellow)

● After about 4 seconds, the room temperature display will return.

## Change the direction of the wind from left to left to right



It can be adjusted by hand.

The temperature set on the remote control controls the temperature in the room where people relax. The room temperature displayed on the main unit's LCD is the temperature around the air conditioner, and the higher the air conditioner is installed, the higher the displayed temperature may be slightly higher than the set temperature.

When

● Adjustable range: 2°C lower

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

temperature

● When dehumidifying and the outside temperature is low, the room

may not rise even if you increase the set temperature.

● When you set the temperature once in heating or cooling operation, the unit will operate at the same temperature the next time.

Temperature setting range:

18°C to 32°C

#### Recommended

#### temperature settings :

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

● Each time you press the button, the display changes as follows:

{Remote control display}

→ Automatic airflow → → → →

Main unit LCD display



● When dehumidifying, it is automatic and cannot be switched.

#### When the air volume is set to automatic...

##### When heating or

**cooling**, the fan is strong until the room reaches the set temperature, and then the fan becomes weaker when the temperature is reached. Also, when cooling, the fan will **not blow air for about one minute at the start of operation to prepare for blowing cold air and to reduce odors that come with the air.**

##### When

**dehumidifying**, the airflow is very weak.

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

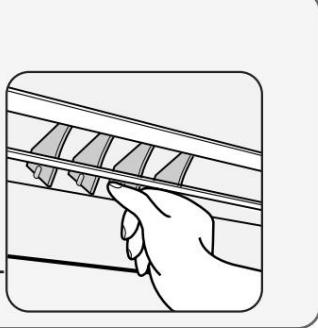
→ Automatic Wind Direction (1) → (2) → (3) → (4) → (5) Swing

Display on LCD

Heating mode



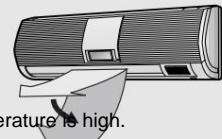
When cooling or dehumidifying



#### When the wind direction is set to automatic...

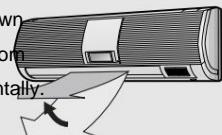
##### When

**heating**, the air blows out horizontally when the temperature is low, and downwards when the temperature is high.



##### When

**cooling** starts, the air is blown diagonally, and when the room is cooled, it is blown horizontally.



##### When

**dehumidifying**, air is blown out horizontally.

Please

To adjust the up and down airflow direction, use the remote control.

● Adjusting by hand may cause incorrect operation. \*If you turn the unit downwards with your

hand and operate it in cooling or dehumidifying mode for a long time, the area around the louvers may become damaged.

Dew may form on the surface and fall off.

# 空清換気の単独運転

The air quality unit operates air purification ventilation (automatic ventilation, continuous ventilation, strong ventilation) independently.

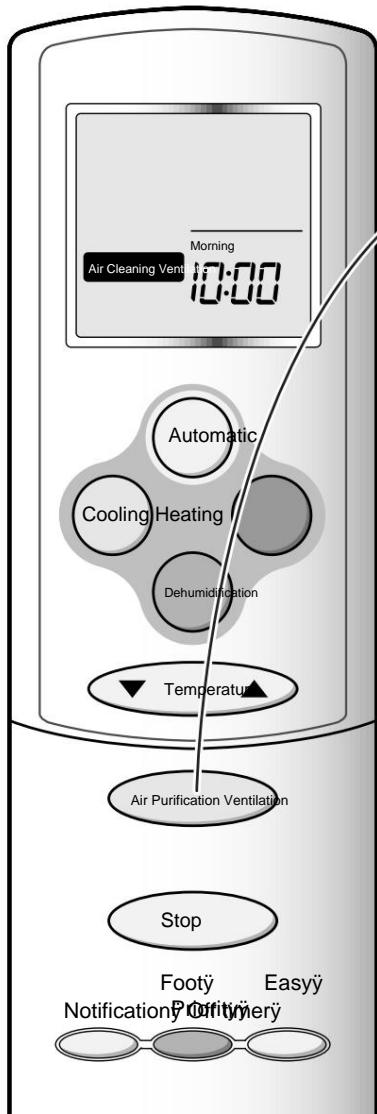


## Sensor automatic ventilation

When the air in the room becomes dirty, it automatically ventilates, and when it becomes clean, it automatically stops.

## Continuous ventilation<sup>・</sup> Strong ventilation<sup>・</sup>

Always ventilate. Always ventilate strongly.



When the air conditioner is stopped

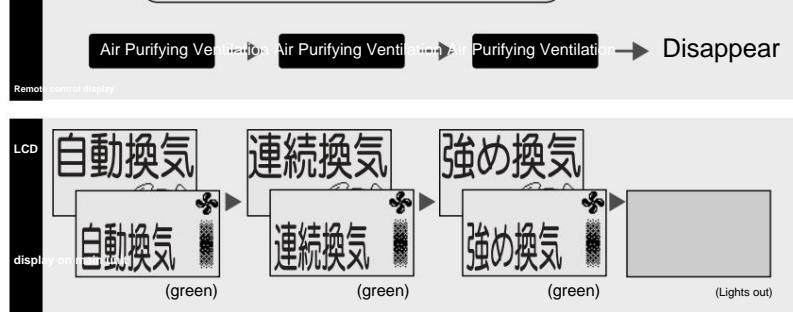
Press Air Purification Ventilation and select your preferred ventilation.

Each time you press it, the operation changes in the following order:

### Sensor

→ Automatic ventilation → Continuous ventilation → Strong ventilation → Stop

Three types of air purification ventilation can be selected.



Displayed when air purification ventilation is operating

Independently. •Check the details of air purification ventilation on the LCD display of the main unit. Also, the cleanliness of the room is displayed in three stages. (Cleanliness display)

•Ventilation is automatically stopped during automatic ventilation, the color of the light on the LCD display of the main unit becomes dim.

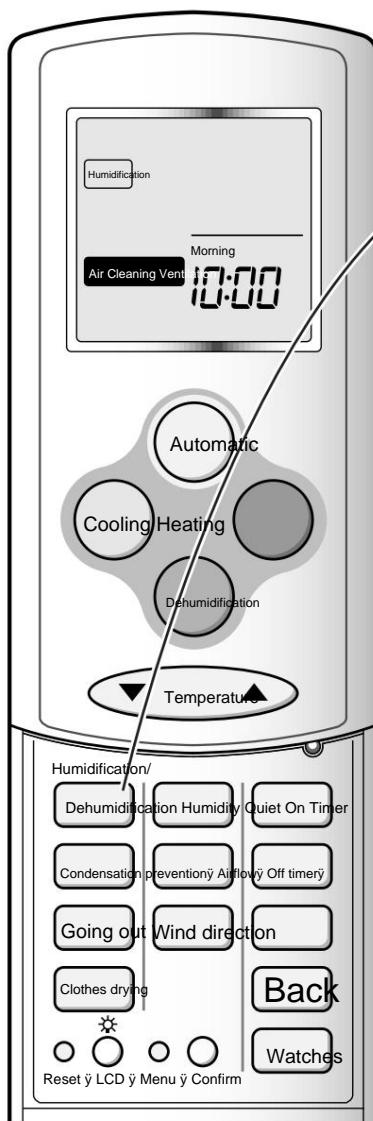
## Note

- When the air purifying ventilation is in standalone operation, you cannot change the temperature, air volume, or direction, or schedule.
- It is on timer. •If you press the "Humidity" button while the air purifying ventilation is in standalone operation (automatic ventilation, continuous ventilation, or strong ventilation), the air purifying ventilation will be canceled and the operation will switch to humidification/dehumidification. However, since continuous ventilation is also performed simultaneously during humidification/
- Dehumidification, the "Air purifying ventilation" display on the remote control will not disappear. •When in automatic ventilation, continuous ventilation, or strong ventilation operation, the indoor unit operates in gentle breeze mode (with the air direction
- (horizontal) to detect air pollution and to clean the room evenly. •When the air purifying ventilation is in operation, the operating noise will be higher. If the noise bothers you, use the "Quiet" button for quiet operation, or run the air purifying ventilation for only the required time. (Quiet operation slightly reduces ventilation capacity.) •When in quiet operation, the cleanliness display on the main unit's LCD will disappear.

# 加湿・除湿の単独運転

The air quality unit operates independently for humidification and dehumidification.

Air



## Humidification

Humidifies the air and keeps the humidity in the room at a comfortable level.

## Dehumidification

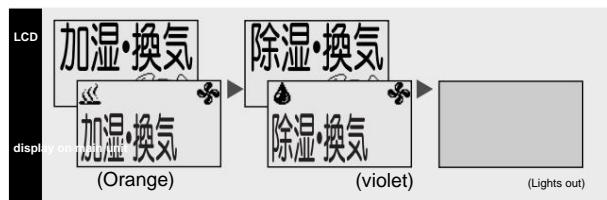
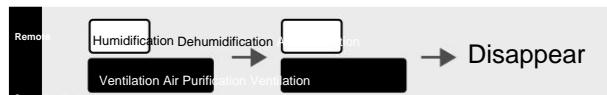
Removes moisture without lowering the room temperature.

When the air conditioner is not operating, open the cover.

### Press Humidity to select Humidify or Dehumidify.

● Each time you press it, the operation changes in the following order:

→ **Humidification Dehumidification Stop**



● Displayed when humidification or dehumidification is in independent

● Operation. • When the humidity is above 60% during humidification, or below 45% during dehumidification, the color of the light on the main unit's LCD becomes dim.

ÿ When you want to stop, press Beep.



● Press the "Stop" button. Or, select "Stop" with the "Humidity" button. ÿ (The LCD display on the main unit will disappear.)

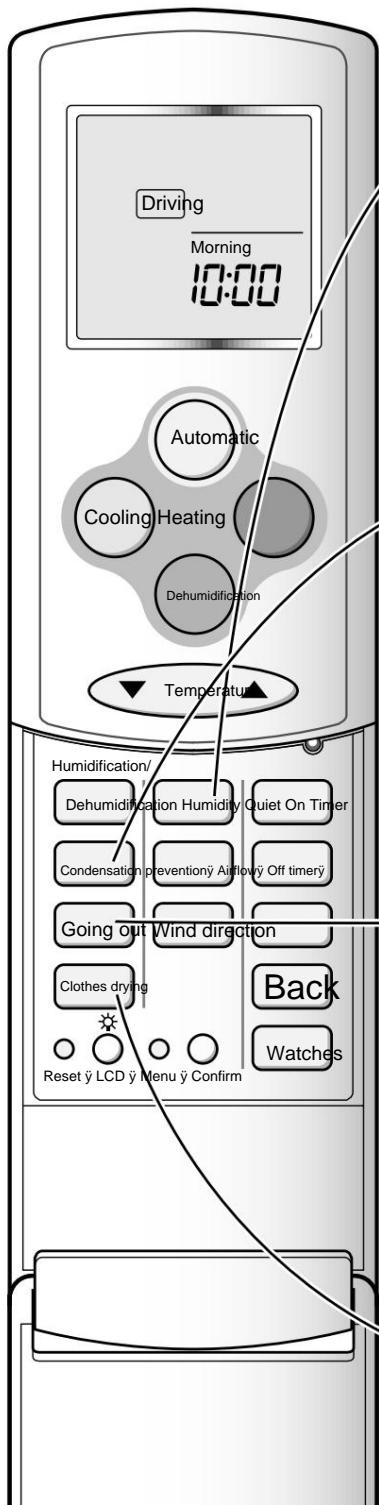
## Note

- When the humidifier or dehumidifier is operating alone, you cannot change the temperature, air volume or direction, or schedule the on timer.
- If you press the "Air Purifying Ventilation" button while the humidifier or dehumidifier is operating alone, the humidifier and dehumidifier will be canceled and the unit will switch to air purifying.
- Ventilation alone. - When the dehumidifier is operating alone in summer or winter, the room temperature may naturally change due to the influence of the outside air. - When the unit is operating alone in humidifying or dehumidifying, continuous ventilation is also performed at the same time, so "Air Purifying Ventilation" will also be displayed on the remote control. (However, the LCD display on the unit will show "Humidifying/Ventilation" or "Dehumidifying/Ventilation.") - When dehumidifying, the ventilation capacity is smaller than when humidifying.

# 便利な使いかた



**Open the cover and operate it.**



## Quiet operation

### While driving

**Press** the Quiet button

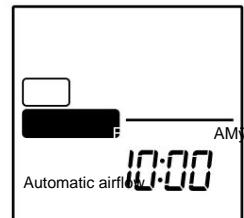
ÿ When you want to cancel

• Press the "Silent" button again.

...Reduces indoor operating noise. (Example)

Automatic (Dehumidifying)

Cooling) {Remote control display}



## Condensation prevention operation

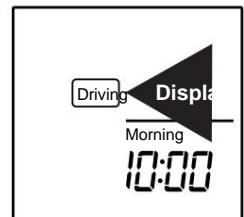
...For when you're worried about condensation, such as when you cook hotpot in the winter.

**Press** the condensation prevention button

ÿ When you want to stop

• Press the "Stop" button. Or, press the "Prevent Condensation" button again. (The LCD display on the unit will disappear.)

<Remote control display>



## Going out driving

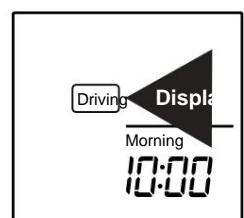
...When you want to ventilate a closed room while you're out.

**Press** the Go Out button

ÿ When you want to stop

• Press the "Stop" button. Or, press the "Go Out" button again. (The LCD display on the main unit will disappear.)

<Remote control display>



## Clothes drying operation

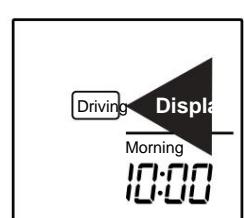
Effectively dry your laundry.

**Press** the clothes dryer

ÿ When you want to stop

• Press the "Stop" button. Or, press the "Clothes Drying" button again. (The LCD display on the main unit will disappear.)

<Remote control display>



\* If you press the "Condensation Prevention", "Go Out", or "Clothes Drying" button during another operation, the operation up to that point will be canceled and the respective operation will start.

**During**

**operation:** Display on the main unit LCD



- During quiet operation, 'y' is displayed.

**Note**

- If you press the "Quiet" button during heating, cooling, dehumidification, or automatic operation, the air volume display on the remote control will change to "Auto" and you will not be able to change the air volume during quiet operation. • When quiet operation is activated, the air volume will be a gentle breeze and the capacity will be lower than normal. • Quiet operation is not possible during condensation prevention operation, outing operation, or clothes drying operation.

**Room****Main unit LCD display**

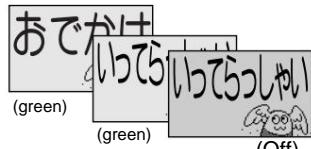
- Displayed when condensation prevention is in operation. - The light color becomes dim when condensation prevention is stopped (standby).

**About condensation prevention operation**

In winter, condensation occurs when water vapor in the air in a room turns into droplets and forms on low-temperature surfaces such as windows and walls. Condensation prevention operation sucks in room air, removes moisture from the air, and returns dry air to the room, lowering humidity and preventing condensation. Operation automatically stops (standby) depending on the humidity level in the room.

**Note**

- Dew prevention operation cannot remove water droplets that have already formed on windows, etc. - If "Dew prevention recommended" is displayed on the unit's LCD when heating operation is stopped, dew prevention operation is recommended. - During dew prevention operation, you cannot change the temperature, airflow, or direction, or set the on timer. No.

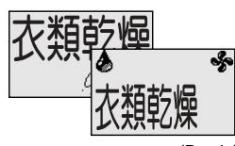
**Main unit LCD display**

- When driving, 'y' will be displayed.

**About driving out**

The air purification unit will ventilate for about 2 hours after operation starts. After that, automatic ventilation will be performed, and if the humidity is high, the air purification unit will dehumidify.

- During the outing operation, you **cannot** change the temperature, air volume, or direction, or schedule the on timer. • During the outing operation, the light on the main unit's LCD screen will turn off.

**Main unit LCD display**

- Displayed while the clothes drying machine is in operation.

**About the clothes drying operation:**

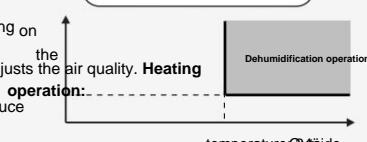
The air conditioner automatically selects the operation type (heating or dehumidification) depending on

room temperature and outside temperature when the operation starts, and adjusts the air quality. Heating

27°C The unit simultaneously performs dehumidification and ventilation to reduce

the humidity in the room. Approximately 4 hours

after the clothes drying operation starts, the unit automatically switches to fan operation. (However, when the unit is in heating operation, the unit will perform dehumidification operation 30 minutes before switching to fan operation.)

**Guideline for operation details****Note**

- During the clothes drying operation, you cannot change the temperature or air volume, or set the on timer. - If you use the off timer, the clothes drying operation will continue until the scheduled time. (It will not operate as a fan.)
- Depending on the type and amount of clothes, they may not dry completely. If this occurs, use the off timer to extend the clothes drying cycle. • Hanging clothes so that they are exposed to the wind will dry them more efficiently.

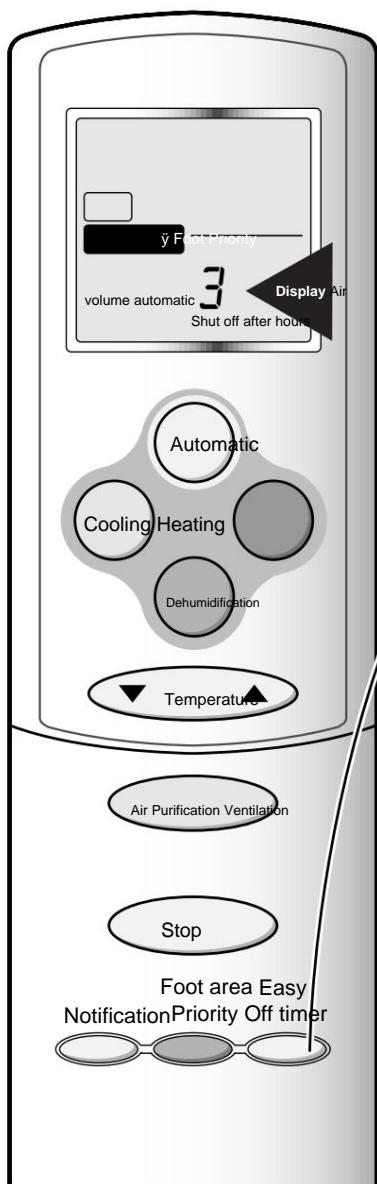
# タイマー予約

Please set the current time  
before operating.

Page 15

Set the timer to turn off after 1, 3, 5 or 7 hours.

**Easy off timer** You can easily schedule.



Example: If you want to stop after 3 hours:

**While**

**driving,  
press the "Easy**

**Off Timer" to select the time.**

● Each time you press it, it changes in the following order:

Remote control display

→ 1 → 3 → 5 → 7 → Cancellation  
time expires time expires time expires time expires time expires time

● If you set it to "Cancel", the timer will be cancelled, but operation will continue. • If you press the "Easy Off

● Timer again after 5 seconds or more have passed since making a reservation, the first time it will be set to "Cancel", and if you press it again, it will change to 1 hour off 3 hours off 5 hours off 7 hours off.



Main unit LCD display

(Example) shows that the unit is in automatic  
3時間切り予約完了 (yellow) → ただいまの (dehumidifying and cooling) operation . After about 4 seconds, the display returns to the room temperature display and then appears.

## When you want to cancel the simple off time

Press the "Easy Off Timer" button.

## Note

● The remaining time of the timer is not displayed on the main unit's LCD. Please check the remaining time on the remote control. ● (The remaining time is displayed by decrementing in the order of 7 5 3 1) ● When the air

● purifying ventilation, humidifying, or dehumidifying single operation, condensation prevention operation, or clothes drying operation is in progress, press the "Notification" button to display the room temperature on the main unit's LCD, and you will see the display and be

● able to check the timer reservation. ● When stopped, you can also start heating, cooling, dehumidifying, and automatic operation by pressing the "Easy off timer" button. ● (The operation contents (heating, cooling, dehumidifying, automatic) will be the same as b)

## When you want to change the time of the Easy Off Timer

Press the "Easy Off Timer" button again and select the time you want to turn it off. (Pressing it the first time will cancel it.)

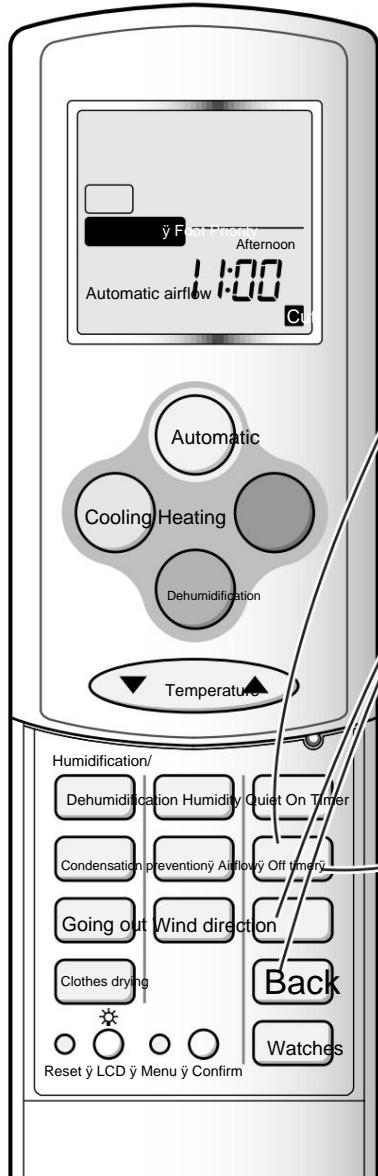
## When you want to stop driving

Press the "Stop" button.



Select the time you want to stop driving.

You can set the off timer.



**For example**, if you want to stop the machine at

11:00 PM, open the cover.

Remote control display

**1 Press the OFF timer button**

until "OFF" flashes.



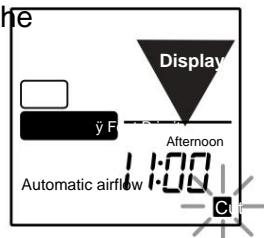
**2**

control, **press Next or Back** to set the

time you want to reserve.

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

On the remote



**3**

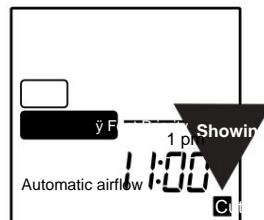
While "OFF" is flashing



**Press the off timer (reservation complete)**

- The "OFF" light will turn on on the remote control.
- (Displayed on the main LCD screen)

Remote control display



{Display on the unit's LCD}

(Example) "Auto (Dehumidifying/Cooling)"



After about 4 seconds, the display will return to the room temperature and then show".

### When you want to cancel the off timer

On timer  
Off timer  
Go ahead.  
Back  
Watches

When the off timer is set, the remote control display will

**Press the Off Timer button .**

- The off timer display will disappear.



### Note

- During the timer setting, you can start the operation with the "Heating", "Cooling", "Dehumidification" or "Auto" button, or stop it with the "Stop" button. (The timer is not canceled.) •If you want to set the timer for the same time every day, set it each time. •The timer setting time is not displayed on the LCD screen of the unit. If you want to know the setting time, check it on the remote control. •When the air purifying ventilation, humidification or dehumidification is operating alone, in the condensation prevention operation, the outing operation or the clothes drying operation, if you press the "Notification" button to display the room temperature on the LCD screen of the unit, it will be displayed and you can check the timer setting. To check the current time, press the "Clock" button. The current time is displayed for 5 seconds.

### If you want to change the reservation time:

**Press the OFF TIMER button to cancel the OFF TIMER, then make the reservation again from the beginning.**

Timer

-  
•  
Off

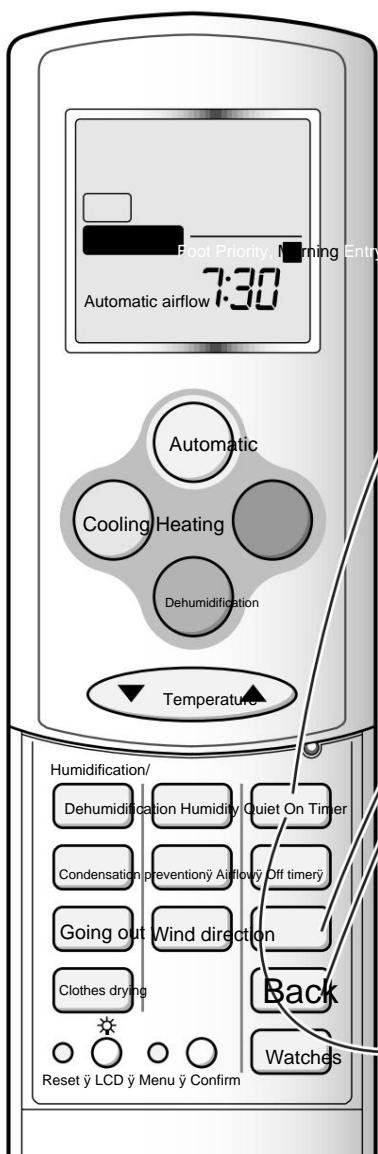
timer

# タイマー予約

Please set the current time  
before operating. (Page 15)

To ensure the room temperature is at your desired time,

On timer: Operation starts early (up to 60 minutes before).



Example: If you want the room temperature to be at your desired value at 7:30 a.m.

**Open the cover.**

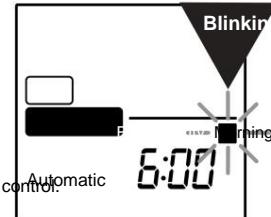
**1**

**Press the ON TIMER button**

**until "ON" flashes.**

● The "ON" light will flash. The reservation details are displayed on the remote control.

Remote control display



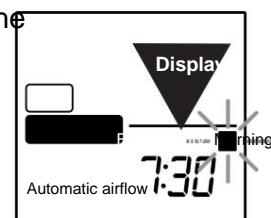
**2**

**On the remote control, press Next or Back to set the time you want to reserve.**

● The time changes in 10-minute increments.

● Press and hold to fast forward the time.

On the remote



**Adjust the timer settings to your liking**

(please adjust while checking the LCD display on the unit).

**1. Adjust the operation settings with the**

**"Heating", "Cooling",**

**"Dehumidification" and "Auto" buttons . 2. Adjust the temperature, air volume and direction with the "Temperature" button.**

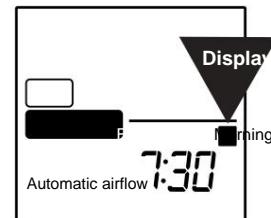
**3**

**While "ON" is flashing**

**Press the on timer (reservation complete)**



Remote control display



## Note

You can change the temperature, air volume and direction while the timer is on. However, the temperature and air volume can be changed during automatic and dehumidification operation (when the air conditioner is stopped). The air volume cannot be changed. • While the timer is on,

You can start the operation with the "Heating", "Cooling", "Dehumidification" or "Auto" button, or stop it with the "Stop" button. (The timer is not canceled.) • Air purifying ventilation, humidifying or dehumidifying independent operation, condensation prevention operation, outing operation or

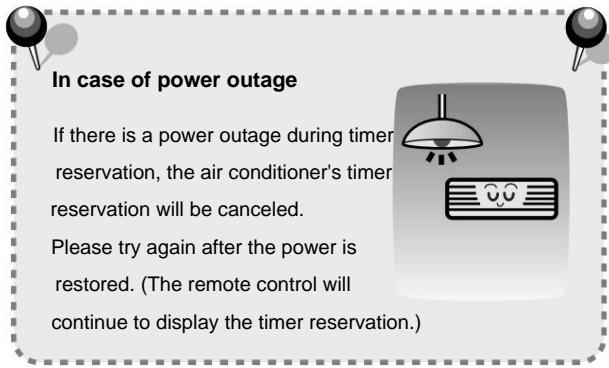
Clothes drying operation cannot be started with the timer. Also, if you press the "Air purifying ventilation", "Humidity", "Condensation prevention", "Outing" or "Clothes drying" button while the timer is on (the air conditioner is stopped), the timer will be canceled and the respective operation will start. • If you want to make a timer reservation for the same time every day, make a reservation each time (reserving the same time as the previous time). • The timer reservation time is not displayed on the LCD of the main unit. If you want to know the reservation time,

Check it on the remote control. • If you want to check the current time, press the "Clock" button. The current time will be displayed for 5 seconds. • During the early driving time leading up to the reserved

time, the driving speed will be reduced slightly to make the driving quieter. •

•

•



Main unit LCD display

(Example 1) Air conditioner is stopped.

入タイマー  
予約完了 → 入タイマー  
予約中  
(yellow) (Light)

- (off) - "Timer on reservation in progress" will be displayed until the timer-on reservation operation starts. **Press the "Notification" button to turn on the LCD light.**

(Example 2) during automatic (dehumidifying)  
入タイマー  
予約完了 → 26°C  
(yellow)

After about 4 seconds, the display will return to the room temperature display and will be displayed.

### When you want to cancel the on timer

While the timer is on,

Remote control display

Press the ON TIMER button .

- The on timer display will disappear.

### If you want to change the reservation time:

ON TIMER button to cancel the ON TIMER, then make the reservation again from the beginning.

### If you want to make a reservation at the same time as last time

ON TIMER button to make "ON" flash, check the reservation then press . time, and

## Combination of timers Combination of timers

### On and off timers

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

Remote control display

#### 1 Set timer to off at 11:00 PM. Schedule

11:00 PM Page 27

#### 2 Set the timer to start at 7:30am.

Page 28

- The timer will start from the earliest scheduled time relative to the current time.

- The remote control will display the time of the timer that will (PM ON). When the timer that has been programmed first operates, the time of the later timer will be displayed. ( indicates the order in which the timers operate) You can also combine ON and OFF.

### Easy off timer and on timer

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

Remote control display

#### 1 Setting the 3-hour off timer

Page 26

#### 2 after hours Set timer to turn on at

Schedule a time

Page 28

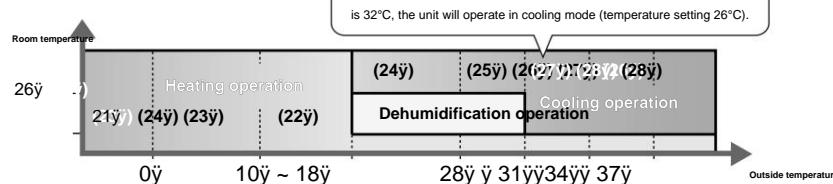
- When timers are combined, the Easy Off Timer takes priority over the On Timer and Off Timer. ●When the Easy Off Timer is finished, the remote control will display the time of the On Timer or Off Timer.

# 知っておいていただきたいこと

## About autonomous driving

- The air conditioner automatically selects the operation mode (heating, cooling, dehumidification) and the set temperature according to the room temperature and outdoor temperature when the operation starts. During heating, the air quality unit humidifies and ventilates, and during cooling and dehumidification, the air quality unit dehumidifies and ventilates at the same time, to operate in a way that makes the room comfortable. Foot priority
- Operation is also performed at the same time. • If the outdoor temperature changes during operation, the set temperature is reselected.
- Outdoor temperature adaptive control) • When the set temperature is displayed on the main unit's LCD and changes, this is due to outdoor temperature adaptive control. •

### Operation details and temperature guideline



- The temperature in parentheses is the base temperature selected by the air conditioner. The base temperature can be changed by  $\pm 1^{\circ}\text{C}$  depending on humidity and the temperature at your feet, providing comfortable and energy-saving operation. If you change the temperature setting with the "Temperature" button, the air conditioner will remember the changed temperature and automatically adjust the temperature the next time it is operated. • Dehumidification in automatic operation is a very weak cooling operation. Even if you start operation in dehumidification operation, if the room temperature or outside temperature becomes high, it will reselect to cooling
- Operation. • When operating in heating operation in the middle of the night or cooling operation in the early morning or middle of the night, the operation will be slightly suppressed for quiet and economical operation. Also, when the air volume is automatic in cooling operation, the air volume will be reduced when the room temperature approaches the set temperature, and operation close to dehumidification will be performed for quiet and low humidity.

## About heating operation

- When using the "Humidity" button in conjunction with the humidification of the air quality unit, the humidity in the room is increased while the unit is in heating mode (humidification and heating mode). Also, when using the dehumidification of the air quality unit in conjunction with the unit, the humidity is forcibly reduced while the unit is in heating mode. • Because the unit absorbs heat from the outside air and takes it into the room to heat it (heat pump system), it becomes difficult to heat the room when the outside temperature drops. In such cases, we recommend using the unit in conjunction with another heating appliance. • If frost forms on the outdoor unit, the unit will automatically perform a defrosting operation and stop operation for about 5 to 10 minutes. • Once defrosting is complete, the unit will resume heating mode. • When the room temperature and outside temperature are low (outside temperature below about  $5^{\circ}\text{C}$ ), the compressor may be preheated (consuming about 25 watts of power) to speed up the blowing of warm air when heating mode starts. •

## Regarding cooling operation

- By using the "Humidity" button in conjunction with the dehumidification of the air quality unit, the humidity is forcibly lowered while the unit is operating in cooling mode. Even if you set the temperature a little higher, you can still enjoy a comfortable, body-friendly cooling operation (dehumidifying cooling operation). • When cooling, if the air volume is set to automatic, the airflow at the start of operation is delayed by about one minute. This is to prepare for the cold airflow and to reduce room odors and cigarette odors that may adhere to the inside of the air conditioner and come out with the airflow. •

## About dehumidification operation

While the air conditioner is running in dehumidification mode, the air quality unit also dehumidifies at the same time.  
In summer, it cools the room, and in winter, it warms the room.

## Operating conditions:

- When the temperature is as shown on the right, the protective device may be activated and the unit may not operate. - When the humidity is 80% or higher, dew may form on the air outlet and drip if the unit is operated in cooling or dehumidifying mode for a long period of time.

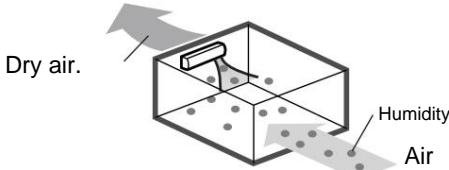
Heating operation	Outside temperature 21°C or higher.
Cooling operation	Outside temperature 43°C or higher Room temperature 21°C or lower.

## About the air quality unit

### Humidification

It humidifies the air by sucking in the air in the room and returning only the moisture in the air to the room. The dry air that has had the moisture removed is released outside, so it also acts as a ventilation system.

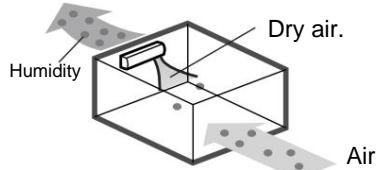
The humidification mode is capable of raising the humidity in a room (8 tatami mats) with a room temperature of 23°C and humidity of 25% to 35% or higher in about one hour. (When the outside temperature is 5°C and humidity is 50%)



### Dehumidification

It draws in air from the room and removes the moisture from it. It releases the removed moisture outside and returns the dry air to the room, thus dehumidifying the air. The room temperature tends to rise slightly during operation. (However, when the outside temperature is low (winter), the room temperature may naturally drop.)

The dehumidification operation has the ability to reduce the humidity in a room (8 tatami mats) with a room temperature of 24°C and humidity of 80% to below 70% in about 1 hour. (When the outside temperature is 24°C and humidity is 80%)



### Air Purifying Ventilation

#### Sensor Automatic Ventilation

The air purifying sensor automatically ventilates the room when the air becomes polluted. When  
● operation starts, ventilation continues for about 5 minutes regardless of air pollution. Also, once ventilation starts, ventilation continues for at least 3 minutes. When operating  
● alone in automatic ventilation, ventilation starts when the room temperature is about 4°C higher than the outside temperature, relieving stuffy discomfort in the room. (However, when the outside temperature is 18°C or higher) The " " display on the main unit's LCD screen moves or stops depending on the ventilation operation. (However, the " " display during other operations (condensation prevention operation, clothes drying operation, etc.) may not match the ventilation operation.)

#### Continuous

**ventilation:** Ventilates the room by sucking in air and forcibly releasing it outside.

The continuous ventilation operation is capable of replacing the air in an 8 tatami room approximately once per hour.

#### Strong ventilation

It has a ventilation capacity about 1.5 times that of continuous ventilation.

## About the air purifier sensor

● The air purifier sensor mainly reacts to cigarette smoke, but 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.  
For this reason, if the air conditioner is turned on for more than five minutes, the unit's LCD screen may display "To keep the air fresh" or "Automatic ventilation recommended" depending on the air condition in the room, even if you are not smoking.  
● When the air purifier ventilation is in operation, if dirty air enters the room, it may detect that the air is very dirty (the cleanliness level display may indicate that the air is very dirty).  
●

## About the "Notice" display

Page 11

● If you press the "Notification" button in the following cases, "Detecting" will be displayed. (This is because the sensor is detecting.)  
• Outdoor temperature "Detecting" ..... For about 1 minute after operation starts  
• Indoor humidity "Detecting"  
• Indoor cleanliness "Detecting" • Immediately ..... About 1 to 5 minutes after starting operation (up to 5 minutes immediately after inserting the power plug)  
after operation starts, until the indoor temperature can be accurately detected (about 2 to 5 minutes), the indoor temperature immediately before operation started will be displayed.  
● When operation is stopped, if you press the "Notification" button within 1 hour after operation has been stopped, the indoor temperature immediately after operation was stopped will be displayed. After 1 hour, the indoor temperature at that time will be displayed.  
● The indoor temperature is displayed in 1°C increments from 0 to 40°C, and if it is lower than 0°C, it will be displayed as "Low" and if it is higher than 40°C, it will be displayed as "High". The outdoor temperature is displayed in 1°C increments from -9 to 40°C, and if it is lower than -9°C, it will be displayed as "Low" and if it is higher than 40°C, it will be displayed as "High". Indoor humidity is displayed in 1% increments from 25% to 75%, and if it is lower than 25%, it is displayed as "low humidity", and if it is higher than 75%, it is displayed as "high humidity".

# お手入れ

## ⚠ Note:

**Before cleaning, stop operation and unplug the power cord.**

Cleaning while the appliance is running may cause injury due to the internal fan rotating at high speed.

**Cleaning the main unit, the main unit LCD display, and the remote control**

### Wipe with a soft cloth.



If the dirt is severe, wring it out thoroughly with hot water or water below 40°C and then wipe it.

- Do not use benzine, thinner, polishing powder, etc. as they may damage the product.

**The open panel can be removed and washed with water.**

### About cleaning the main unit

Please contact Sharp Customer Service. Pages  
38-39

Cleaning with commercially available cleaning agents may cause malfunction.

## Open panel washing

### ⚠ Note:

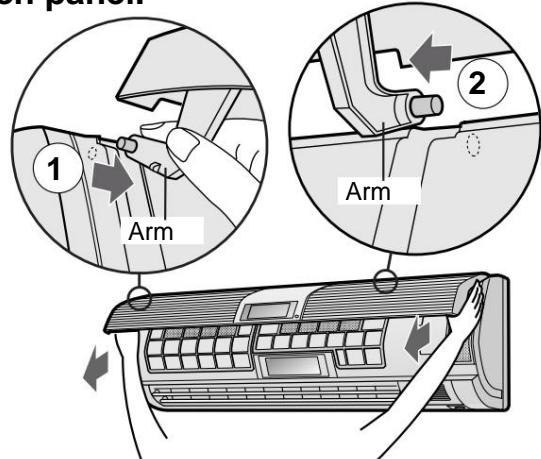
- Be sure to remove the open panel, wash it with water, dry it thoroughly, and then reinstall it. If

moisture remains on the panel, it may cause an electric shock.

- Do not stand on an unstable platform when attaching or detaching the open panel. Do not stand on an unstable platform when attaching or detaching the open panel. This may result in injury, such as falling.

### 1 Remove the open panel.

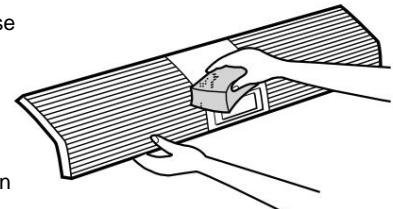
- ① Open the open panel and move the left arm to the right to remove it.
- ② Move the right arm to the left to remove it, then remove the open panel.



### 2 Wash with water.

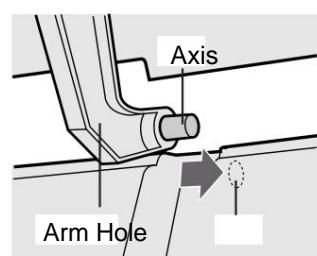
- Wash gently with a soft sponge or cloth and dry thoroughly in the shade. (Do not use scrubbing brushes or the hard surface of a sponge as they may scratch the surface.)

- If the stain is severe, use a neutral kitchen detergent and rinse thoroughly.



### 3 Add an open panel

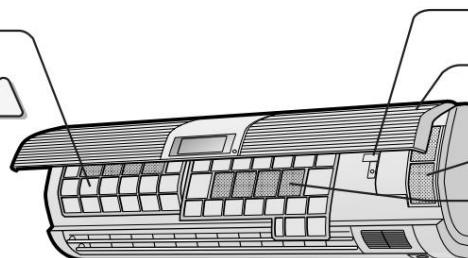
- ① Push the left and right arm shafts of the open panel until they fit into the holes.
- ② Close the open panel.



**Air filter (large)** When the LCD

display on the main unit shows "Filter cleaning recommended", clean it. (Page 12)

The accumulated operating time is displayed approximately every 100 hours. In an average household, cleaning the air filter approximately every 100 hours will be the most energy-efficient, but in dusty locations, it is recommended that you clean it approximately once every two weeks, even if it does not appear on the LCD screen.

**Color sample stickers**

**The open panel** can be removed and washed with water.

**Air filter (small)****Air Purifier Filter**

When the color of the filter becomes

the same as the color sample sticker,

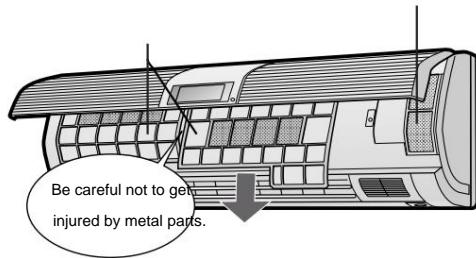
it is time to replace it. The

recommended interval is about 3 to 6 months.

## Cleaning the air filter Replacing the air purifier filter

### 1 Open the open panel and remove the air filters (large and small).

Air filter (small)

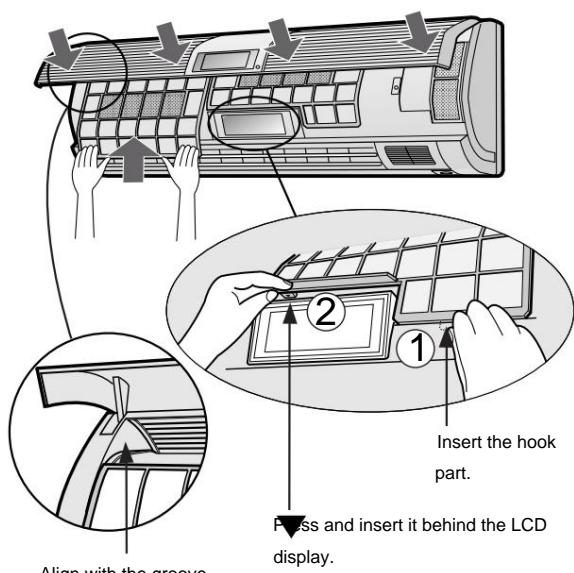


### 2 Remove dirt with a vacuum cleaner

- If it is very dirty, wash it with water and a neutral kitchen detergent and dry it thoroughly in the shade.
- Please remove the air purifier filter before cleaning the air filter.

### 3 Attach the air filters (large and small) and close the open panel.

- Press the arrow part.



Align with the groove.

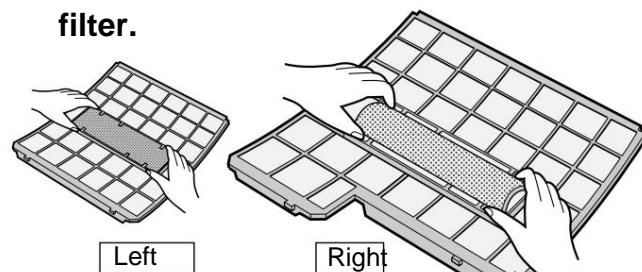
Press and insert it behind the LCD display.

Insert the hook part.

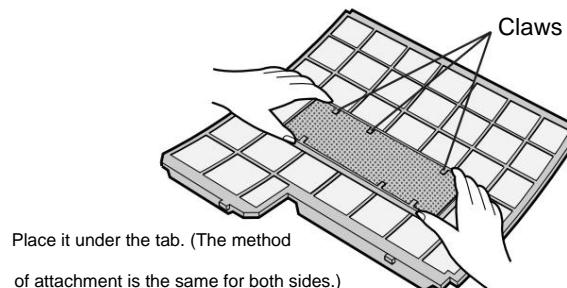
### Open the open panel and remove the large air filter.

### 1 Replace the air purifying filter.

#### Remove the air purifying filter.



#### Install a new air purifying filter.



Place it under the tab. (The method of attachment is the same for both sides.)

### 3 Attach the air filter (large) and close the open panel.

Dirty air purifying filters cannot be reused even if they are washed. Please purchase new filters at the store where you purchased the product.

Replacement air purifier filter (set of 2) Model name AZ-J50F Standard price 1,600 yen (excluding tax)

#### If you use it while it is dirty...

- Air purification effect will not be achieved. - Heating and cooling capacity will decrease. - Odors may occur.

# お手入れ

## Post-season care

### ⚠ Note:

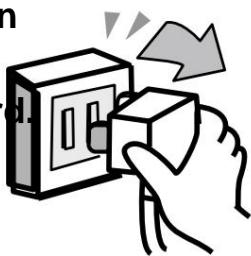
If you will not be using the appliance for a long period of time, unplug the power cord.

Dust may accumulate on the power plug and cause heat generation or fire.

### 1 Run the fan for about half a day to dry out the inside of the air conditioner.

When the temperature is set to 32°C (when the room temperature is below 31°C), the unit will operate in cooling mode and blow air. This prevents mold and odors from forming.

### 2 Stop operation and unplug the power cord.



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

### 3 Clean the air filter.

Page 33

### 4 Remove the batteries from the remote control.

Page 14



This prevents damage caused by leakage.

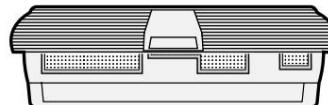
## Pre-season inspection

### ⚠ Note:

Before the season begins, check to see if the ground wire is loose.

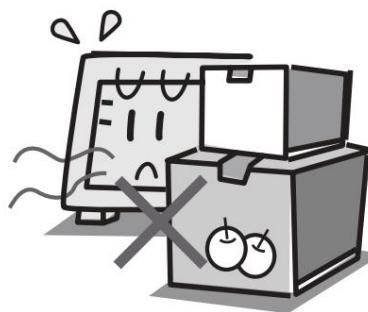
Incomplete earthing may result in electric shock.

### 1 Is there an air filter?

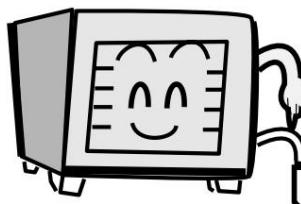


If you operate the unit without it, the inside of the indoor unit will become dirty and may cause a breakdown.

### 2 Are the intake and exhaust ports of the indoor and outdoor units blocked?



### 3 Is the earth wire disconnected?



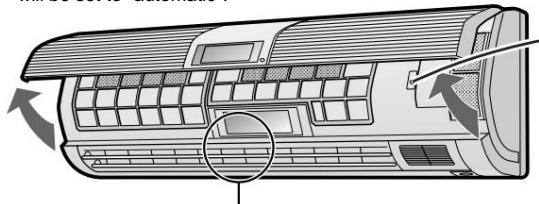
The earth wire may be installed inside the room.

# こんなときは

## Emergency operation (when the remote control cannot be used)

If you lose the remote control or the battery runs out, you can operate the vehicle temporarily.

The operation, temperature setting, air volume and direction will be set to "automatic".



>Main unit LCD display  
● Displays during automatic operation.

### Open the open panel.

Emergency Driving Press

(Displayed on the main LCD screen)

### When you want to stop

Press the "Emergency Operation" button again. (The LCD display on the unit will disappear.)

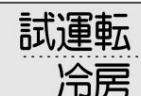
### Note

If you press and hold the "Emergency Operation" button for 5 seconds while the air conditioner is running

Forced cooling operation will be performed. This is an operation that should be performed by a professional technician when relocating or disposing of the air conditioner, so please do not operate it yourself. If you want to perform emergency operation

And "Test run cooling" is displayed on the main unit's LCD, press the "Emergency operation" button to stop operation, and then perform emergency operation again.

Example of main unit LCD display

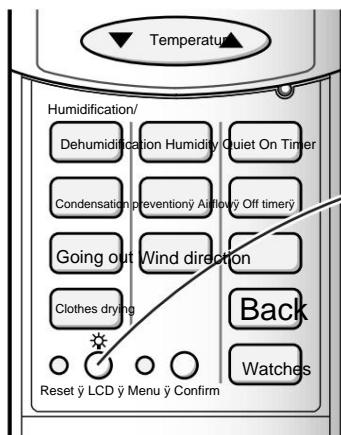


(Blue) -

- is displayed when forced cooling is in operation. - Settings
- can be changed using the remote control during forced operation.

When you want to turn off the LCD light on the main unit When you want to turn off the LCD light on the main unit

You can turn off the LCD light on the unit using the remote control.



(Point the remote control at the main unit when operating.) Do not open the cover while the unit is in operation.



button to turn the LCD off (the LCD light will go off)

### When you want to turn it on...

Press the LCD button again.

Please press.

(The LCD light on the unit will turn on.)

### Note

- If you turn off the light on the main unit's LCD, the sound (beep beep) that is emitted when displaying advice will also turn off. • Once you turn off the light on the main unit's LCD, the light will also turn off the next time you operate the unit.

# こんなときは

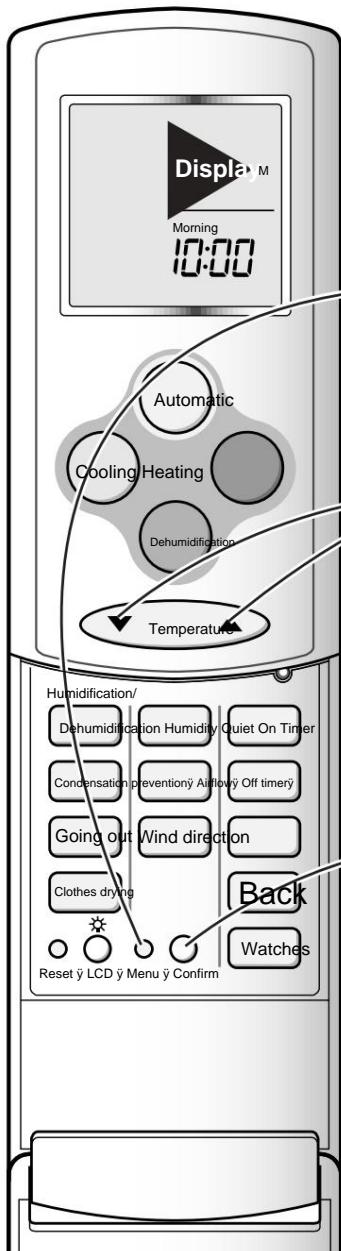
## Other adjustments

While the air conditioner is stopped, you can use the remote control to make the following adjustments.

(Point the remote control at the main unit (receiver) and operate while looking at the LCD screen on the main unit.)



**Open the cover  
and operate it.**



### What can be adjusted?

- (1) Setting advice (2) Adjusting the brightness of the main unit's LCD display
- (3) Changing the electricity rate (4) Adjusting the sensitivity (cleanliness) of the air purifier sensor (5) Adjusting the sensitivity (height) of the infrared sensor

When the air conditioner is stopped, use a pointed object to turn it

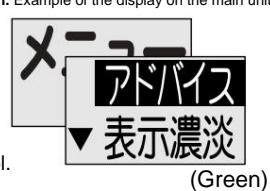
on. Example of the display on the main unit's LCD

1

○ Press  
Menu

(Displayed on the LCD of the main

unit) - "M" is displayed on the remote control.



2

▼ Temperature ▲

Press to select the item you want to adjust.

Example of the LCD display on the  
unit: The following display will be shown.



You can choose from 5 types. (The selected content will be highlighted.)

3

○ Press  
OK .

Next, follow the procedure on page 37.

When making another adjustment next

Please start with the operation of

When you finish

Press the "Menu" button again.

(The "M" on the remote control and the LCD display on the unit will disappear.)

### Note

- The "Menu" button is not accepted during timer reservation. Also, timer reservation is not possible during adjustment. • If no operation is performed for about 1 minute during adjustment, it will automatically end and the adjustment will be confirmed by pressing the "Enter" button.

Any adjustments that are not made will be canceled. (The "M" on the remote control and the LCD display on the unit will disappear.)

- You operate the air conditioner while adjusting the temperature, any adjustments that have not been confirmed with the "Confirm" button will be canceled.

(1)

(2)

(3)

(4)

(5)

At

times

**Advice settings** -You can turn off(Initially set to "Advice given")

- the sound (beep beep) that is made when advice is displayed. (Advice will still be displayed.)
- You can disable the advice function so that advice is not displayed on the main unit's LCD.

display on the main unity **Press to select your desired content**

&lt;Example of the LCD

アドバイスの  
音を消す  
アドバイスなし

Selecting "Mute sound" will mute only the sound (pixillary). Selecting "No advice" will disable the advice (green) function.

(After about 10 seconds, the display will return to the one you selected.)

**Adjustment of the display brightness of the main unit**(Initially set to "Tint 0")

You can adjust the brightness of the LCD display on the main unit.

4

**Press to select your desired strength.**

- ▲ Press to darken the color by one step up to +9. Press
- ▼ to lighten the color by one step up to -9.

(After about 10 seconds, the display will return to the one you selected.)

&lt;Example of the LCD

▲ -1 ▶  
▼

display on the main unit> - Adjust the display to your preferred brightness.

(green)

**Change in electricity rate**

(Initially set at 23 yen/kwh)

You can change the electricity rate (the rate displayed on the LCD screen when calculating the electricity rate).

4



Press the temperature button to change the unit price.

- ▲ Pressing increases the price by 1 yen up to 32 yen.
- ▼ Pressing decreases the price by 1 yen up to 14 yen.

(After about 10 seconds, the display will return to the one you selected.)

&lt;Example of main unit LCD display

▲ 24 円  
▼ kwh  
(green)

The unit price varies depending on the region and the household.

You can get an estimate of the unit price for your household from the monthly "Notice of Electricity Usage" from your power company. Monthly electricity bill (yen) Unit price =  
Monthly electricity usage (kWh)

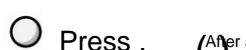
**Air purifier sensor sensitivity (cleanliness) adjustment**(Initially set to "Standard")

When the air purifier sensor reacts too sensitively (when the cleanliness level is always showing a high level of dirt), you can adjust the sensitivity of the air purifier sensor.

4

**Press Temperature** to select your preferred sensitivity.

5



(After about 10 seconds, the display will return to the one you selected.)

&lt;&lt;Example of the LCD display

((高い))  
((標準))  
((低い))  
(green)

On the main unit> Sensitivity can be adjusted to three levels: "Low", "Standard" and "High".

**Infrared sensor sensitivity (height) adjustment**(Initially set to "Standard")

The sensitivity of the infrared sensor can be adjusted by changing the height at which the air conditioner is installed. (Measure the vertical distance from the floor to the position of the infrared sensor.)

**Press Temperature** to select the content that matches the distance.

(After about 10 seconds, the display will return to the one you selected.)

{Example of the display

((高い))  
((標準))  
((低い))  
(green)

On the main unit's LCD } "Standard" is 1.8 to 2.2 m. If it is over 2.2 m, select "High." If it is less than 1.8 m, select "Low."

# 保証とアフターサービス

## Warranty card (attached)

●Please check that the warranty card is filled in with the date of purchase, the name of the store, etc., before receiving it from the store. Please read the warranty card carefully and keep it in a safe place.

●Warranty period: One year from the date of purchase. However, the following parts are covered for five 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.

## Minimum retention period for repair parts

●The minimum retention period for repair parts for room air conditioners is nine years after production is discontinued. This period is based on guidance from the Ministry of International Trade and Industry. ●Repair parts are parts that are necessary to maintain the functionality of the product.

## When requesting repairs, please contact us via on-site repair service.

●Check "Is it broken?" [Using pages 40-43](#). If the problem persists, stop unplug the power cord, and then contact the store where you purchased the product.

## What you would like to communicate

Product name: Room air conditioner Model name: (Model name listed on the warranty card)  
Date of purchase (year, month, and date)  
Problem as detailed as possible Address (please include any nearby landmarks) Name/phone number/desired date of visit

### During the warranty period

Please present the warranty card when requesting repairs. The store will carry out repairs according to the terms of the warranty card.

### If the warranty period has expired

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

### How repair fees work

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

Technical fee:	This is the fee for successfully repairing a broken product.
----------------	--

Parts cost:	The cost of the parts used in the repair.
-------------	---

Travel fee:	This is the fee for sending a technician to the location of the product.
-------------	--

## If you have any questions or would like to inquire about repairs

●If you have any questions or concerns about repairs, please contact the store where you purchased the product or your nearest Sharp customer service center.

## Customer Service Desk L

●If you have any questions regarding repairs, handling, maintenance, etc., please first contact the store where you purchased the product.

●If you need help with moving or gifts, etc.

●For repair consultations ..... [Contact us for repair inquiries](#)  
(Note) \* The offices marked with an asterisk are for consultations regarding "carry-in repairs and parts purchases." Please note that on-site repairs in this area are not available.  
Please contact the CS Center.

●For other inquiries, ..... [General Inquiry Desk](#)

## Repair consultation desk

### Sharp Engineering Co., Ltd.

Hokkaido Region	Center: (011) 641-4690 * Sapporo: (011) 641-4685Kitami: (0157) 36-4649 * Kitami City, Miwa 435 * Obihiro : (0155) 21-6925Tomakomai: (0144) 34-7740 * Muroran: (0143) 45-4649Muroran: (0143) 45-4649 * Kushiro: (0154) 25-4649 * Asahikawa: (0166) 25-4649Asahikawa City Ichijodori 4-10, Hakodate City (0138) 51-4649 Hakodate City Goryokaku-cho 31-17
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### Hokkaido Region

Tohoku Region	Aomori Prefecture Aomori Prefecture (0177) 38-0281 3-3-4 Myoken, Aomori City Hirosaki Prefecture (0172) 27-4649 3-5-1 Toyoda, Hirosaki City Hachinohe City (0178) 44-4649 2-8-16 Konakano,Hachinohe City Akita Prefecture (018) 863-4649 170-56 Okawatari, Kawajiri-cho,Akita City Yokote City (0182) 33-4649 Rokunouchi 5 , Yokote-cho, Yokote City Iwate Prefecture (019) 638-6087 3-1-1 Ryutsu Center Minami, Yahaba-cho, Shiwa-gun Kamaishi City (0193) 23-4649 4-6-43 Kaminakajima City Kaminakajima City Miyagi Prefecture Prefecture : (022) 288-9142: 3-1-27, Oroshimachi Higashi, Wakabayashi Ward, Sendai City Yamagata Prefecture: Yamagata Prefecture(023) 631-4649: 2-7-43 Iida , Yamagata City Sakata Prefecture: (0234) 24-4649: 19-5 Omachi, Sakata City Fukushima Prefecture : Fukushima Prefecture: (024) 945-4649: 33-1 , Araiaka Hachichou, Asaka Town, Koriyama City Aizuwakamatsu Prefecture: (0242) 25-464941-2, Yamamimachi , Aizuwakamatsu City Iwaki Prefecture: (0246) 28-4649: 37-10
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Niigata Prefecture CS Center: (025) 285-1513 , Niigata (025)  
285-3663, 1-7-21, Kamijo-naka, Niigata City, Tochigi Prefecture  
\*Nagaoka (028) 23-1819, 2600, Settaya-machi-kuzure, Nagaoka City, Tochigi Prefecture CS Center: (03) 5692-7722 \*Tochigi  
Prefecture (028) 637-1179 \* 4-2-41 Fudomae, Utsunomiya City  
\*Oyama (0282) 62-5462 5201 Fujioka, Fujioka-cho, Shimotsuga-gun , Gunma Prefecture CS Center (03) 5692-7722 \* Gunma (027)  
252-4706 1-3-7Toiyacho, Maebashi City, Ibaraki Prefecture  
CS Center: (03) 5692-7722 Ibaraki (029)  
241-4930 1963Senbaicho, Mito City \*Minamibaraki (0298) 57-9130  
2857-9 Kurihara, Tsukuba City Saitama Prefecture  
CS Center (03) 5692-7722 \* Saitama Chuo  
(048) 666-7987 2-107-2 Miyaharacho, Omiya City \* Saitama Higashi  
(0489) 78-710346-1 Minami-Ogishima, Koshibaya City, Tokyo  
CS Center (03) 5692-7722 \*Koto (03)  
3626-4642 2-12-3 Ishihara, Sumida-ku, Tokyo \*Jonan (03) 3776-2419  
1-5-15 Minamifagome, Ota-ku, Tokyo \*Johoku (03) 3972-4195 1-33-11  
Higashishinmachi, Itabashi-ku, Tokyo\* Setagaya (03) 3707-3345 3-8-18  
Yoga, Setagaya-ku, Tokyo \* Tabata (03) 5692-7765 2-13-17  
Higashitabat~~K~~ita-ku, Tokyo \*Santama(042) 586-6059 5-5-4 Hinodai,  
Hino-shi, Chiba  
CS Center: (03) 5692-7722 Chiba: (043)  
299-8840 1-9-Nakase, Mihamachi, Chiba City \* Nishi -Chiba: (0473) 68-4766  
295-1 MinoridaMatsudo City \* Higashi -Chiba: (0479) 79-1181  
2779-4 Takaazbilgashi , YokoiChiba City \*Kisarazu: (0438) 37-7912 2-5-22  
Oshienishi, Kisarazu City Kanagawa Prefecture  
CS Center (03) 5692-7722 \*Yokohama  
(045) 753-4647-2-23 Nakahara, Isogo- ku, Yokohama \*Shonan (0463)  
54-4738 1381 Tamura, Hiratsuka \*Sagamihara (0427) 59-4195  
2-2-12 Yokoyama, Sagamihara, Yamanashi  
CS Center: (03) 5692-7722 \*Yamanashi:  
(055) 228-5375~~2~~-1-17 Tomitate, Kofu City

## Kanto region

Tottori Prefecture (0857) 27-8831 2-204 Aoba-cho, Tottori City, Okayama Prefecture  
CS Center (086) 292-1707 \*Okayama (086)  
292-1709 828 Yao, Hayashima-cho, Tsukubo-gun, Shimane Prefecture  
CS Center (0852) 24-4811 \*Matsue (0852)  
24-4810 3-1-10 Nishitsuda, Matsue City, Hiroshima Prefecture  
CS Center: (082) 874-8071 \*Hiroshima  
(082) 874-81492-13-4 Nishihara, Asaminami-ku, Hiroshima  
CS Center: (0824) 28-7448 \*Higashi  
Hiroshima (0824) 28-7490 4-3-30 Yahonmatsu Higashi, Higashi Hiroshima  
CS Center (0849) 51-7644 \*Fukuyama  
(0849) 51-7654 Kami-kaichi, Sunogō-cho, Fukuyama City Yamaguchi Prefecture  
CS Center: (083) 972-0870 \*Yamaguchi:  
(083) 972-0894-12 Wakakusa-cho, Ogori-machi, Yoshiki-gun  
\*Higashiyamaguchi: (0833) 44-0923 173-1 Nishitoyoi, Kudamatsu-shi

**Kagawa Prefecture**: GS Center (087) 823-5513 \*Kagawa  
Prefecture (087) 823-4901 6-2-8 Asahi-cho, Takamatsu City,  
**Tokushima Prefecture**: GS Center (088) 625-4684 Tokushima:  
(088) 625-4654-6-11-14 Nakatsuneshimachō, Tokushima City, Ehime Prefecture  
CS Center (089) 971-4729 \* Ehime  
Prefecture (089) 971-4563 178-1 Takaoka-cho, Matsuyama City,  
**Kochi Prefecture**: GS Center: (0888) 82-4021 \*Kochi City:  
(0888) 82-4636-01 Takasu, Kochi City

Fukuoka Prefecture: GS Center (092) 586-1122 \*Fukuoka 2-12-1  
Isoda, Hakata City, Fukuoka Prefecture (092) 572-4652 \*Minami Fukuoka 3-7-14 Mii  
(0942) 45-8211 Chikushino City, Fukuoka Prefecture (0942) 46-7122 Sogimachi, Kokurakita-ku, Kitakyushu  
Prefecture  
CS Center (092) 586-1122 \* Saga  
Prefecture: 204-8411 \*Hizen Prefecture Onomatsugoro, Nabeshima-cho, Saga City (0952) 24-9450 \*  
CS Center: (095) 844-1870 \* Nagasaki:  
613-3 Kogashia, Hirahata, Oita City, Oita Prefecture (0956) 52-3511 \* Sasebo: 107-5  
(0956) 32-6666 \* Oita Prefecture  
CS Center: (097) 552-9416 \*Oita (097)  
552-2313 3-5-3 Matsubara-cho, Oita City, Kumamoto Prefecture  
CS Center (096) 366-7070 \*Kumamoto  
Prefecture: 3-Annaka Street, Yatsushiro City, Miyazaki Prefecture (096) 364-4777  
Minatomachi, Honda City (0969) 23-8711 Miyazaki Prefecture  
CS Center: (0985) 31-1823 \* Miyazaki  
Prefecture: 4-Myojincho, Miyazaki City (0985) 31-1832 \*  
624-1 Tadeike, Minamicho, Kitamorokata-gun (0986) 52-1311 Kagoshima Prefecture  
CS Center : (099) 253-0250 \*Kagoshima  
Prefecture: 12-1 Kamoike Shinmachi, Kagoshima City (099) 253-4600

Shizuoka Prefecture	S Center (054) 285-9360 * Shizuoka (054) 285-9340-8-44 Magarikane, Shizuoka * Numazu (0559) 22-5249 11-4 Miyamae -cho, Numazu * Hamamatsu (053) 463-4680 1476-2 Uematsu-cho, Hamamatsu, Nagano
CS Center:	(026) 293-6612 *Matsumoto
City	(0263) 27-4694 8-14 Yoshino, Matsumoto City *
Nagano City	(026) 293-6262 6877-1 Higashitazawa, Shinonoi, Shiozaki, Nagano
City, Aichi	<b>Agents:</b> (052) 332-5880 * Nagoya: (052) 332-2623-5 Sanno, Nakagawa-ku, Nagoya * Okazaki: (0564) 24-2343 1-2 #Kakida-cho, Okazaki * Toyohashi: (0532) 53-4647 17-1 Hashiguchi, Shimoji-cho, Toyohashi Gifu CS Center: (052) 332-5880 * Gifu
Prefecture	Prefecture (058) 273-4969 3-12-9 Rokuko Minami, Gifu City * Nohi City (0574) 26-4626 3832-1 Tsuchida Shimokiri, Kani City, Mie Prefecture
CS Center	(052) 332-5880 *Mie Prefecture
	(059) 232-6309#28 Kamachi, Kurimamachiyacho, Tsu City, Toyama
Prefecture	CS Center (076) 269-1875 *Toyama (076) 451-2459 71-1Kinsenji, Toyama City, Ishikawa Prefecture
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	(076) 249-2434096-1 Oyokozaki-cho, Nonouchi-cho, Ishikawa-gun, Fukui Prefecture
CS Center:	(076) 269-1875 *Fukui (0776)
	54-2459 625 Kitayotsuicho, Fukui City

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City, Kyoto	CS Center: (06) 6795-2899 *Kyoto (075) 672-2378 48 Sugata-cho, Kamitoba, Minami-ku, Kyoto *Northern Kinki (0773) 23-91 83-13 Suehiro-cho, Kuchiyama, Osaka
	CS Center (06) 6795-2800 *Osaka (06) 6643-5331 1-2-9 Ebisu-nishi, Naniwa-ku, Osaka *Sakai (0722) 45-4651 1-39 Oimatsu-cho, Sakai *Osaka TC (06) 6794-5611 3-7-19 Kami-minami, Hirano-ku, Osaka *South Osaka (0724) 31-1950 1215 Sawa, Kaizuka *
	North Osaka (0726) 34-4519 5-15-3 Ayukawa, Ibaraki Hyogo
Kinki Region	CS Center (06) 6795-2899 *Hyogo Prefecture (078) 791-1541 3-15-2 Yaeida, Suma-ku, Kobe City *Kobe Prefecture (078) 453-4651-6-18 Uozaki Kita-cho, Higashinada-ku, Kobe City *Hanshin Prefecture (06) 421-4877 3-2-10 Inadera, Amagasaki City *Himeji Prefecture (0792) 66-1819 5-7-7 Aoyama, Himeji City *Toyooka Prefecture (0796) 23-7515 77-1 ShimohataKamimachi, Kokaichi, Toyooka City
Nara Prefecture	CS Center: (06) 6795-2899 *Nara (0743) 53-66902 Minoshocho, Yamatokoriyama City *Nara Minami (0745) 65-14923 Kayahara, Gose City CS Center: (06) 6795-2899 *Wakayama City : (073) 445-4615 2-4-91 NishikonpirWakayama City *Nanki City: (0739) 25-31241-1 Inarimachi, Tanabe City
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## General consultation desk

Sharp Corporation

**East Japan Consultation Office** (043) 297-4649 1-9-2 Nakase, Mihamachi, Chiba City  
FAX: (043) 299-8280 ♪ West Japan

**Consultation Office** (06) 6621-4649 4-3-41 Kami Minami, Hirano-ku, Osaka City  
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Sharp Engineering Co., Ltd.

Consumer Consultation Office, Hokkaido Branch: (011) 642-4649; 7-3-17 Nijuyonken 1-jo, Nishi-ku, Sapporo;  
Consumer Consultation Office, Tohoku Branch: (022) 328-1471 (2nd floor), Asahimachi Higashi, Wakabayashi-ku, Sendai;  
Consultation Office, Shutoken Branch: (03) 3893-4649; 2-13-17 Higashitabata, Kita-ku, Tokyo;  
Consumer Consultation Office, Chubu Branch : (052) 332-4649; 3-5-5 Sanno, Nakagawa-ku, Nagoya ;  
Consumer Consultation Office, Kinki Branch: (06) 6794-7041; 3-7-19 Kami Minami, Hirano-ku, Osaka;  
Consumer Consultation Office, Chugoku and Shikoku Branch: (080) 234-0120 (2nd floor), Nishihara, Asaminami-ku, Hiroshima; (082)  
Consultation Office, Shikoku Branch: (087) 823-4901-6-8481 Asamichi, Takamatsu City  
Kyushu Branch Consumer Consultation Office: 2-12-1 Isoda, Hakata Ward, Fukuoka City (092)

# Tooh Engogdod Bulata Meme To

hand  
above

## Curtains and blinds on the windows.

Let in sunlight during the winter day,  
At night, curtains and curtains  
Indoor heat leaks in India  
Let's prevent this.  
Especially in summer, avoid direct sunlight.  
Approximately 5% energy saving effect.  
There is.



## Filters should be cleaned frequently.

### Cleaning

Air Filter  
Dust and other things may accumulate.  
When you do, your ability is low  
The electricity bill was reduced by about  
5 to 10% waste  
It will be 2 weeks.  
Please clean it once a year.  
Remove it.



## Enable the timer.

Forgetting to turn off the air conditioner  
It's a waste of electricity.  
Use a timer to  
Drive only as long as you need to.  
Let's do it.

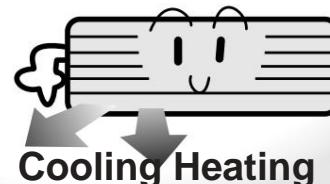


\*To protect the air conditioner, turn it off when thunder starts to rumble.  
Stop operation and unplug the power cord.  
Please.

The values listed vary depending on the usage environment.  
Please consider this as a guideline.

## Adjust the wind direction well.

The up and down airflow louvers are "downward when heating"  
"When cooling, keep it horizontal."  
It's effective.



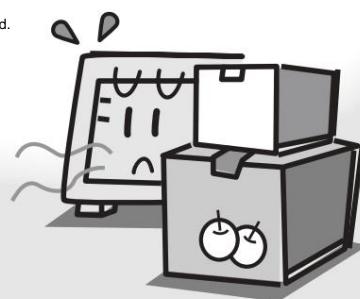
## The indoor temperature is moderate.

Please check the temperature frequently to avoid it becoming too hot or too cold.  
Adjust the temperature. 1°C higher when cooling and 2°C lower when heating.  
About 10% of electricity bills  
You can save money.  
When cooling, the indoor and outdoor temperatures  
The difference is within about 5 to 6 degrees Celsius.  
It's perfect.



## Around the outdoor unit Without blocking

Do not place objects on the air outlet of the outdoor unit.  
If it is blocked, its capabilities will decrease,  
Electricity bills are also wasted.  
It will be.



# 故障かな？ (No, it's okay, it's not broken.)

In these times...

Please check it out.

To

**Don't drive right away**

- When the operation is stopped and then restarted immediately. \*When the operation contents are changed.



This is to protect the air conditioner. Please wait about 90 seconds.

**When starting operation, the wind does not come out immediately.**



**During cooling operation (auto airflow):** 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 3 to 5 minutes.

**The air coming out of the air conditioner smells bad.**



This is because smells such as furniture and cigarette smoke are released into the room.

**It makes a sound like running water.**



This is the sound of gas (refrigerant) flowing inside the air conditioner.

**There is a "crackle" or "bush" sound.**



The "crackle" is the sound of the indoor unit expanding and contracting due to temperature changes causing it to scrape against one another. The "bush" is the sound made when the flow of refrigerant inside the air conditioner switches, such as during defrosting operation.

**When cooling or dehumidifying, mist comes out of the air conditioner.**



This is because the cold air blown out during operation cools the air in the room.

**Even though I don't smoke, the LCD display on the device displays "To keep the air fresh" and "Automatic ventilation recommended."**



This is because the air purifier sensor can react to not only cigarette smoke, but also small amounts of oil smoke and steam from cooking, cosmetics, insecticide sprays, alcohol, etc.

**During dehumidification operation, warm air comes out of the air outlet of the air purification unit.**



This is because the dehumidification is done to prevent the room temperature from dropping.

**During cooling or dehumidification operation, the unit only blows air or stops.**



This is because the room temperature has fallen below the temperature set on the remote control. Operation will start once the room temperature rises.

**No air comes out during heating operation.** Frost has formed on the outdoor unit and defrosting operation is performed automatically. Please wait for about 5 to 10 minutes. Also, when the room temperature reaches the set temperature, operation is stopped for a short time (about 3 to 6 minutes) to control the room temperature.



**During heating operation, steam and water come out of the outdoor unit.**



This is because the frost that melts during defrosting operation comes out as steam and water.

**The outdoor unit does not stop even when the air conditioner is turned off.**



The outdoor unit is cooling. Please wait for about 1 minute.

**In winter, the outdoor unit makes noise when the heating is off.**



The compressor is being preheated (consuming approximately 25 watts of power). This is to speed up the blowing of warm air when the room and outside temperatures are low (outside temperature is approximately 5°C or lower) and heating operation starts.

help

# 故障かな？

(Please check again.)

## In these times...

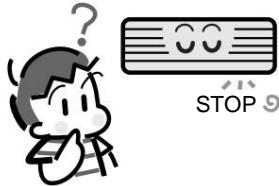
### Don't drive.



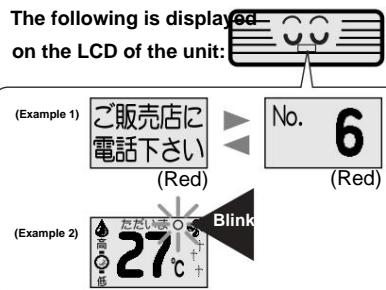
### It doesn't cool or heat well.



### Stopping along the way



### Stopping along the way



### Not receiving



## Please check it out.

Referenc

- Check to see if the breaker or fuse is blown. - Check to see if the power plug is disconnected. - Check to see if there is a power outage. The air conditioner remains off. - Turn the power back on and try again.

-y  
-y  
-y

- Is the air filter dirty? - Are the air outlet and air intake of the outdoor unit blocked?

33y  
40y

- Is the temperature control appropriate?
- Try measuring the temperature difference. Run the unit for about 20 minutes, and if the temperature difference between the air outlet and air inlet of the indoor unit is 8°C or more when cooling, and 14°C or more when heating, then it is normal.

20y  
-y

- Has it reached the stop time of the simple off timer? - Has it reached the scheduled time of the off timer?

26y  
27

- The protective device has been activated. Check the following points, then unplug the power cord, wait 30 seconds, plug it back in, and try operating the unit again.

-y

- Is the air filter dirty? - Are the air outlets and intakes of the indoor and outdoor units blocked? Aren't you okay?

If the number still appears on the LCD screen, please contact the store where you purchased the product and tell them the number.

- Are the batteries in the remote control dead? - Are the batteries facing the wrong way? - Are you pointing the remote control correctly at the air conditioner when you are using it? -
- Are the fluorescent lights old and flickering? - Did you forget to press the "Reset" button when you put the batteries in the remote control?

14y  
14y  
14y  
-y  
14y

**In these times...****The airflow cannot be changed.****Please check it out.**

Reference

- Is the unit in dehumidification mode? 21
- mode, humidifying mode, or dehumidifying mode? 22-23
- condensation prevention mode? 25
- unit in quiet mode? 25
- Is the unit in clothes drying mode? 25
- 
- 

**The temperature cannot be changed.**

- Is the air purifying ventilation, humidification or dehumidification operation? 25
- - Is the condensation prevention function in operation? 25
- Is the outing function in operation? 25
- - Is the clothes drying function in operation? 25

**Does not display outdoor temperature**

- Not when stopped or within about 1 minute of starting operation. 31
- Is that right?

**Does not display indoor humidity and indoor cleanliness.**

- Is the machine stopped, or has it been within 1 to 5 minutes since operation started? 31

**The LCD light on the device doesn't turn on.**

- Use the "LCD" button on the remote control to turn off the LCD display. 35
- 25. Is the air conditioner in operation? 29.
- conditioner stopped?)
- Is the on timer programmed (air
- 

**The clock display on the remote control is flashing.**

- The current time on the remote control has not been set. 14/15
- Did you press
- the "Reset" button on the remote control ? 14
- Is that right?

**I can't set the timer.**

- Have you set the current time? - Press the "Menu" button on the remote control to make other adjustments .
- Aren't you in the middle?

**WARNING**

If the unit still does not work properly, if a number is displayed on the LCD screen, or if the following symptoms occur, first check the number displayed, then immediately stop operation, unplug the power cord, and consult the retailer where you purchased the unit. Continuing to operate the unit while it is malfunctioning may result in breakdown, electric shock, or fire. (See page 38 for warranty and after-sales service)

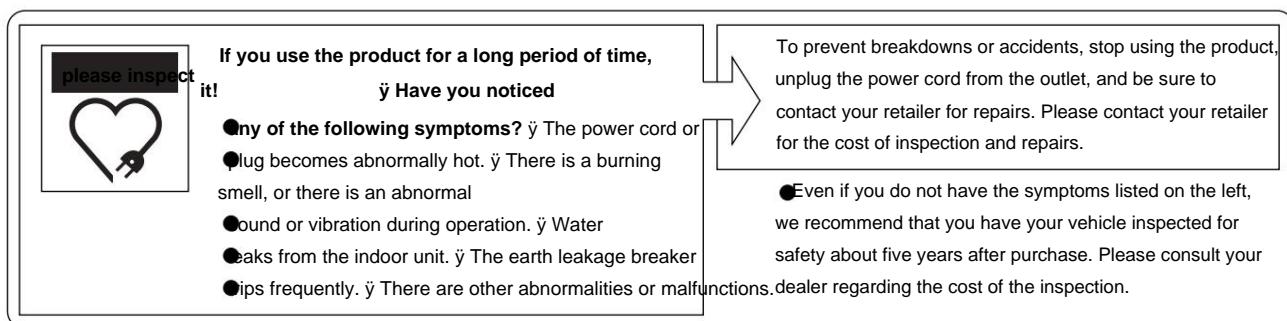
- The breaker or fuse frequently trips.
- The power cord plug becomes abnormally hot.
- Water leaks from the indoor unit.

- A foreign object or water was accidentally put in the machine.
- The operating noise is abnormally loud.

# 仕様

Indoor and outdoor unit combinations,	Indoors	AY-M28SX
	Outdoors	AU-M28SXY
types, power supplies, and capacity		Separate type, air-cooled, cooling and heating combined (inverter) Single phase 100V, 50/60Hz 2.8 (0.6-3.8) South-
(kW)		facing Western-style room
Approximate area (m <sup>2</sup> )	(m <sup>2</sup> )	in reinforced concrete apartment 19 South-facing Japanese-style room in
Power consumption ()	()	wooden building 13 560 (145-1030)
Operating current		5.8
Energy consumption efficiency		5.00
Operating noise (noise) (dB)	Indoor / Outdoor	39 41
Intermediate capacity (kW)		1.5
Intermediate power () W		230 4.0
consumption Standard capacity (kW)		(0.5-7.2) Reinforced
Approximate area (m <sup>2</sup> )	(m <sup>2</sup> )	concrete apartment, south-facing western-style room 18 Wooden south-
Standard power () W		facing Japanese-style room 15
consumption Operating current ()		765 (105)
Energy consumption efficiency		1910 7.8 5.23
Operation noise level (dB)	Indoor / Outdoor	42 43
Intermediate standard capacity (kW)		1.9
Intermediate standard power () W		275
consumption Compressor output ()	(W)	600
Power consumption of electric heating device () W		300 11
Mass (kg)	Indoor Outdoor	40
External dimensions (mm) Width x Depth x Height	Indoor Outdoor	815x250x285 780x265x580
Accessories		Instruction manual, installation manual, warranty (1 each), air purifier filter (2 sheets), remote control, remote control holder (with 2 mounting screws), batteries (AAA (R03) x 2)

- The 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 microcomputer consumes approximately 0.3 watts of power even when the unit is not in operation. - The electric heating device operates during humidification and dehumidification.



To our customers: If you have any questions or would like to inquire about repairs, please contact the store where you purchased the product or the nearest consultation center listed on pages 38 and 39 .

株式会社

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