

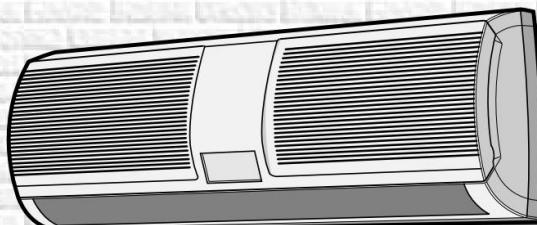
SHARP®**Room Air Conditioner Household**

Model

No. Indoor unit

Outdoor unit

AYL V B.Y. AYL V B.Y.

AY-L28VB AU-L28VBY**Instruction Manual**

● Digital display function

Notify outdoor temperature.

● You can choose from two dehumidification modes.

Dehumidification & powerful

● Reduces the smell of the air when the air conditioner starts

Speech bubble 1 minute delay start

(Automatic airflow)

Thank you very much for your purchase. Please read this instruction

manual carefully and use the product correctly.

Before use, be sure to

read the "Safety Precautions". Be sure to keep this instruction manual,

along with the warranty and installation instructions, in a place where you can easily access them at any time.

Table of Contents

Page

Safety Precautions

2.

Before you use it

Names of parts

6

Preparation before

operation For proper use

9 11

How to use

Operate -

12

Change temperature, airflow and direction

14

Convenient driving

Timer reservation • On

16

time • Off timer • One-

16

touch off timer **Powerful**

17

operation In these cases • Emergency

18

operation

19

•

20

20

Care and maintenance

Care

21

Instructions

23

for Use Optional Parts

24

When in trouble

Warranty and after-sales service

25

Customer consultation list Is

26

it broken? ѕ

28

Specifications

32

Safety Precautions Safety Precautions Safety Precautions

This instruction manual and product use various pictorial symbols to ensure safe use. If you ignore the symbols and handle the product incorrectly, the following problems may occur. 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 something you must not do.



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 indicates that the product must be grounded.



This indicates that you must unplug the power cord from the outlet.

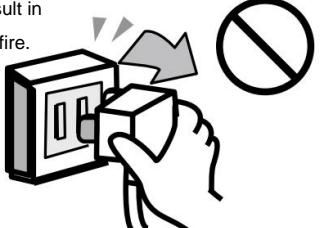
● After reading, be sure to store it in a place where users can see it at any time.



WARNING

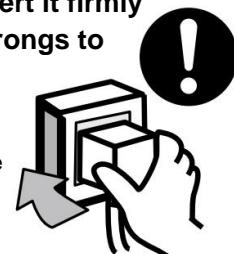
● Do not shut off the power by plugging it in.

Doing so may result in electric shock or fire.



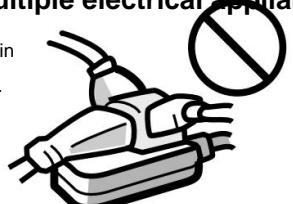
● Check that there is no dust on the power plug, and insert it firmly to the base of the prongs to prevent wobbling.

Dust or improper connections may cause electric shock or fire.
It will be.



● 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.



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

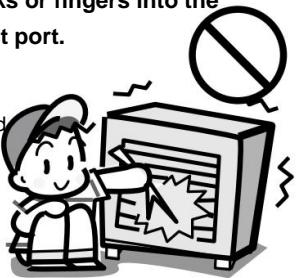
Doing so may cause the power cord to break. Using a damaged cord may result in electric shock or fire.



**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.



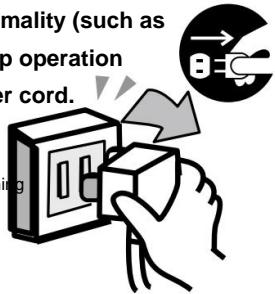
- Do not expose your skin to cold air for a long time or cool it too much.

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 result in electric shock or fire. This can cause problems.



*Please contact the store where you purchased the product or Sharp Customer Service Center. (Pages 26 and 27)

Safety**Note:**

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

This may cause a deterioration in quality.



- Do not operate with wet hands.

It may cause electric shock. There is.



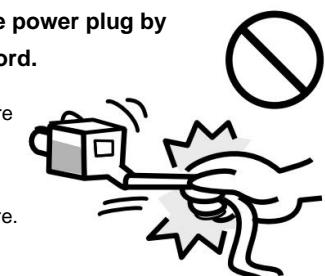
- When operating with a combustion appliance, ventilate frequently.

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.



Safety Precautions

Note:

Do not wash the air conditioner

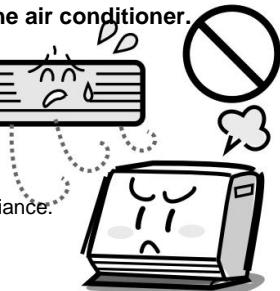
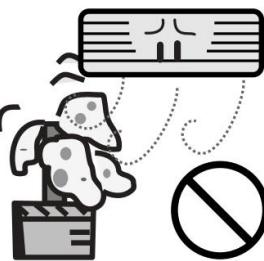
directly with water or place a vase or other container filled with water on it.

Electric leakage may cause electric shock or fire.



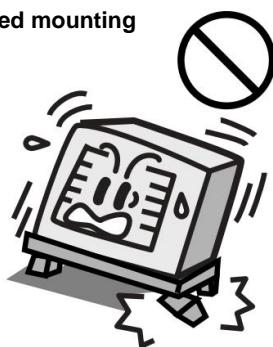
Do not place animals or plants in direct contact with the air conditioner.

This may cause adverse effects on plants and animals.



Do not use damaged mounting bases, etc.

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



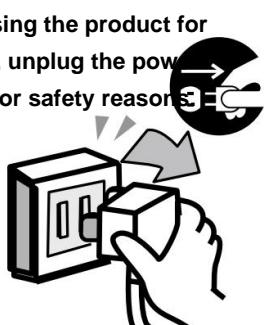
Do not stand on or place objects on the outdoor unit.

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



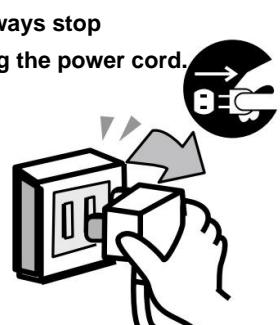
If you will not be using the product for a long period of time, unplug the power plug from the outlet for safety reasons.

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.



Set picture Attached hair To t 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:

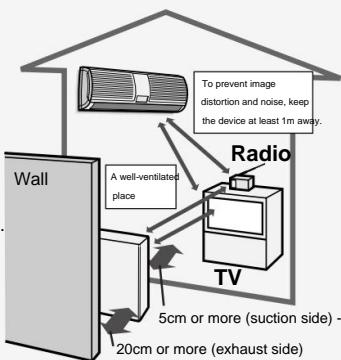
Installation location

Avoid installing in the following locations. - Places with a lot

- salt, such as coastal areas. - Places with a lot of sulfuric gases, 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.

*Please make sure to drain the water from the air conditioner in a place 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 select a location with the following

- features:** - A location that can adequately support 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 objects near the outdoor unit's air outlet. This can cause a decrease in functionality and increased noise. - If you hear any abnormal noises while using the unit, consult the store where you purchased it.

Relocation/Disposal

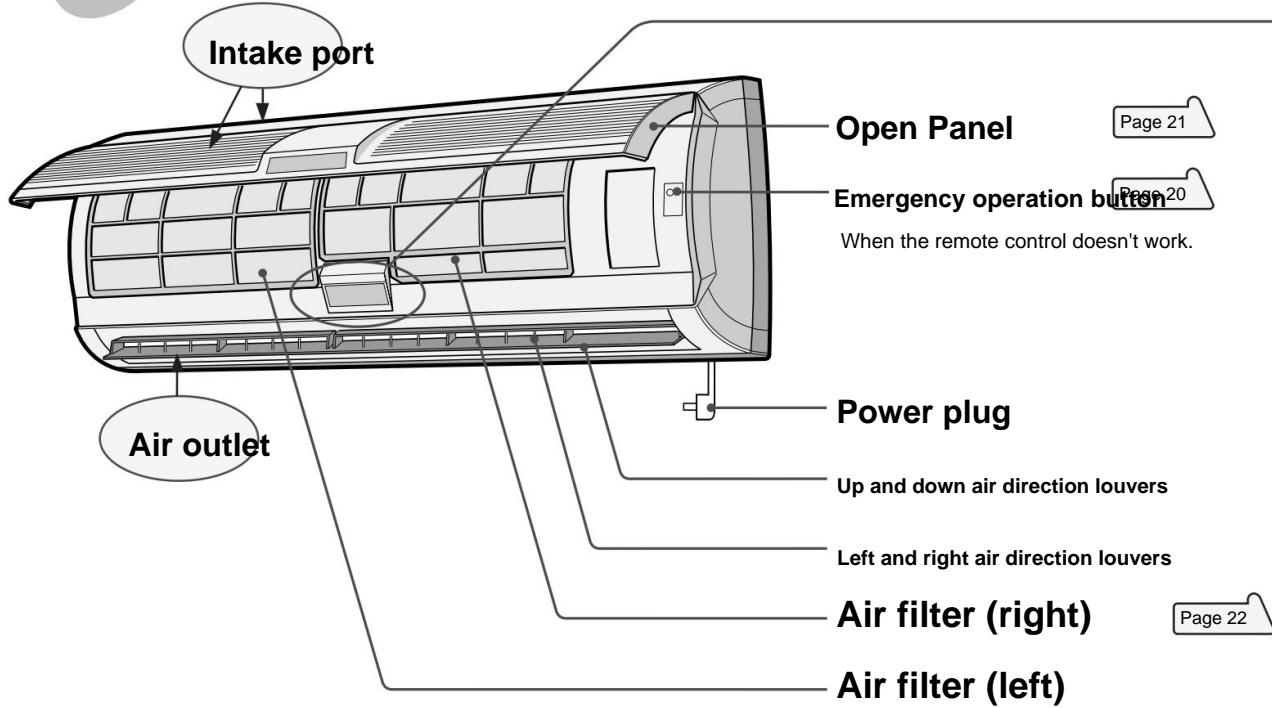
When removing or reinstalling an air conditioner, specialized techniques are required, such as for recovering the refrigerant. Please consult with the store where you purchased the product (or the Sharp Customer Service Center) (pages 26 this case, you will be charged the actual cost of relocation or disposal).

Safety

Names of each part

The inside indicates the page with the main explanation.

Indoor unit



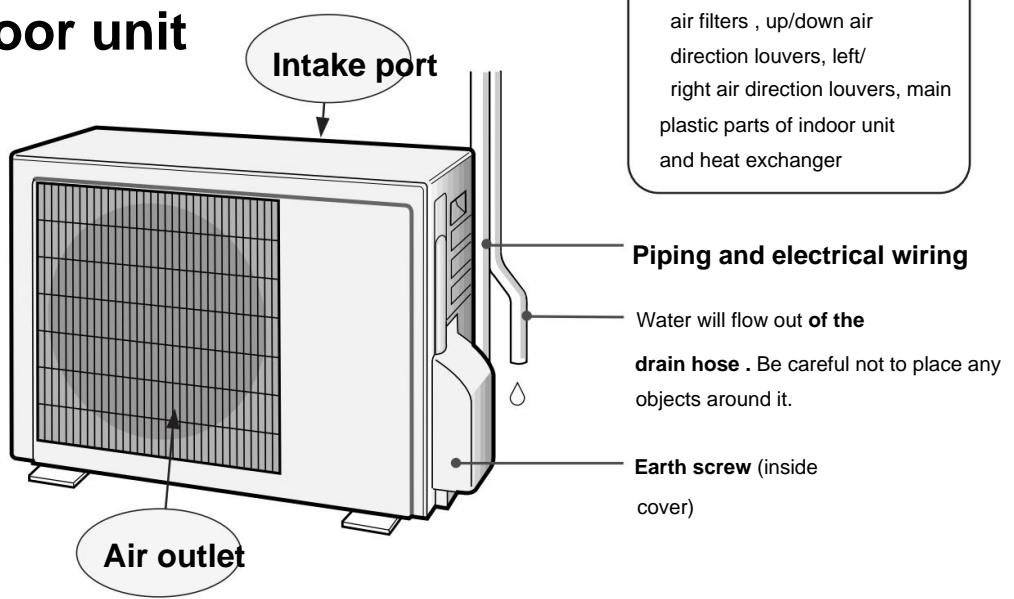
Up and down air direction louvers
Left and right air direction louvers

Air filter (right)
Air filter (left)

Page 22

The left and right shapes are different.

Outdoor unit

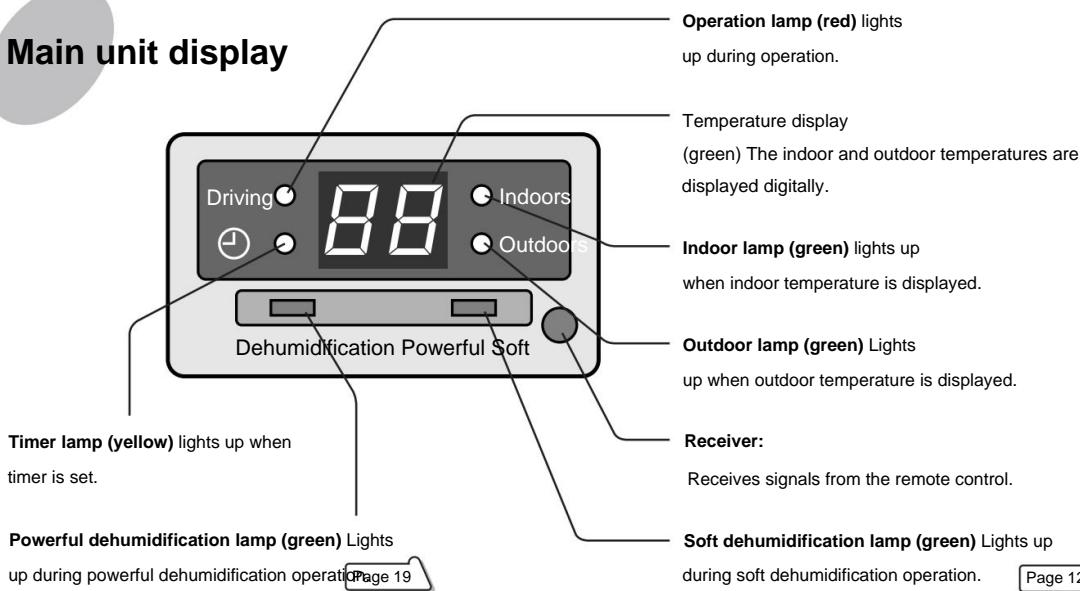


Piping and electrical wiring

Water will flow out of the drain hose . Be careful not to place any objects around it.

Earth screw (inside cover)

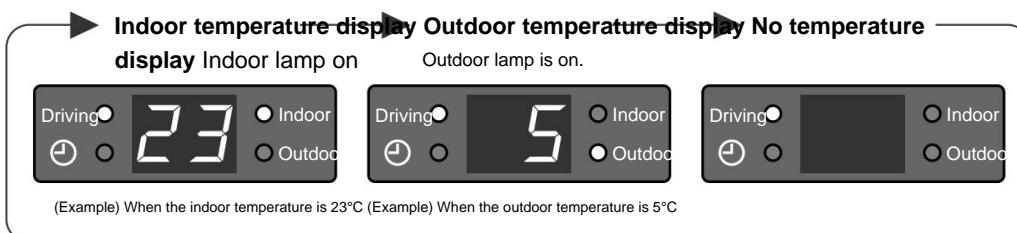
Main unit display



Names

About temperature display

When you press the "Notification" button on the remote control, the indoor and outdoor temperatures will be displayed on the unit's display. Each time you press the "Notification" button, the temperature display will change as follows:



The displayed indoor and outdoor temperatures are approximate and may differ from the actual temperatures.

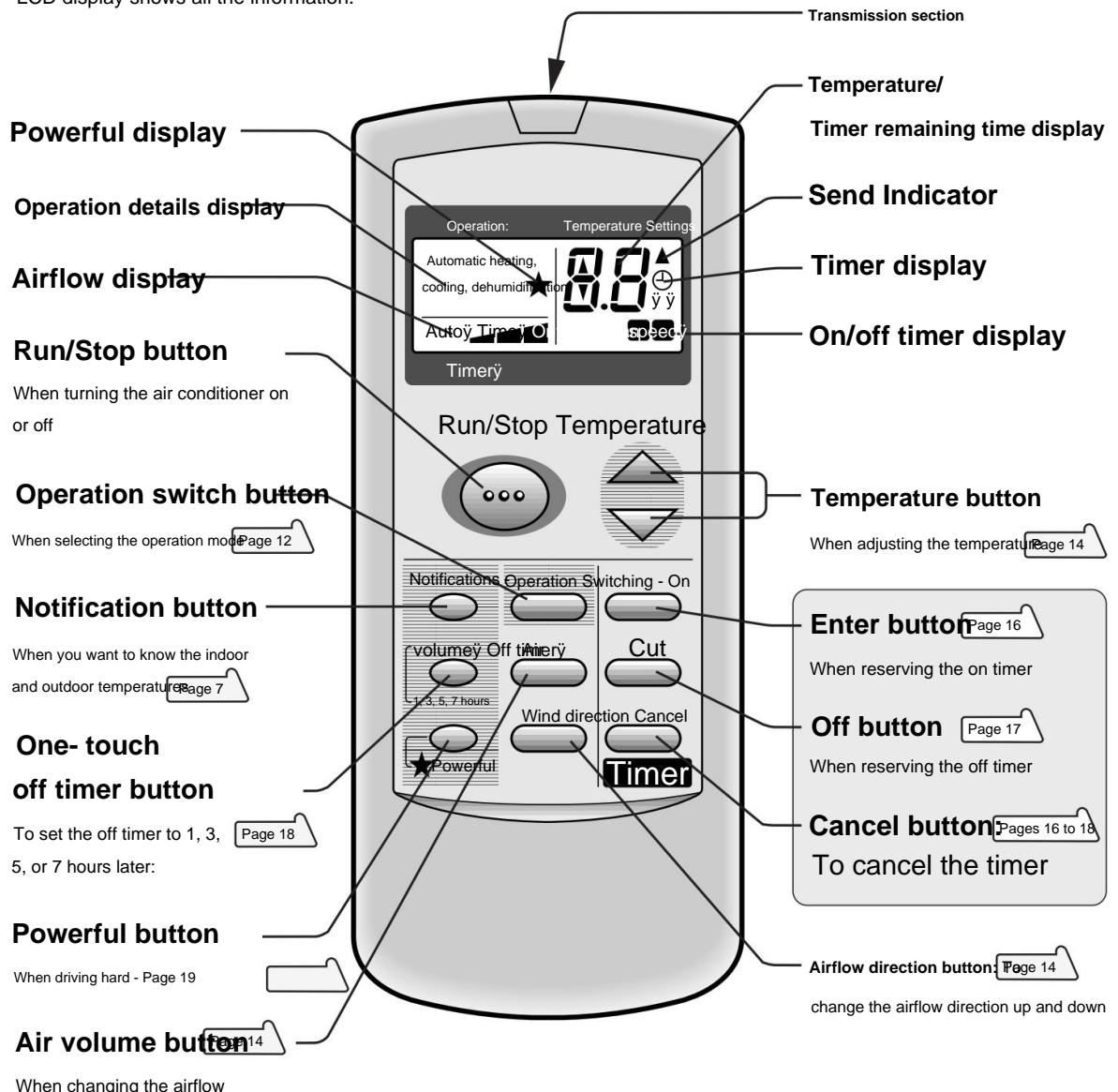
Note

- When the unit is stopped, the outdoor temperature will not be displayed. Press the "Notification" button to display only the indoor temperature. Page 30
- Temperature display range: Indoor temperature: 0 to 40°C (displays “” when lower than 0°C, and “” when higher than 40°C) Page 30
- Outdoor temperature: -9 to 40°C (displays “” when lower than -9°C, and “” when higher than 40°C) Page 30
- One minute after operation starts, the outdoor temperature display will be “” (this is because detection is in progress). Page 30
- When operation is stopped, if you press the "Notification" button within one hour after operation has stopped, the indoor temperature just before operation stopped will be displayed. After one hour, the indoor temperature at that time will be displayed. Page 30
- When the temperature display is flashing, it indicates a malfunction. Page 30

Names of each part

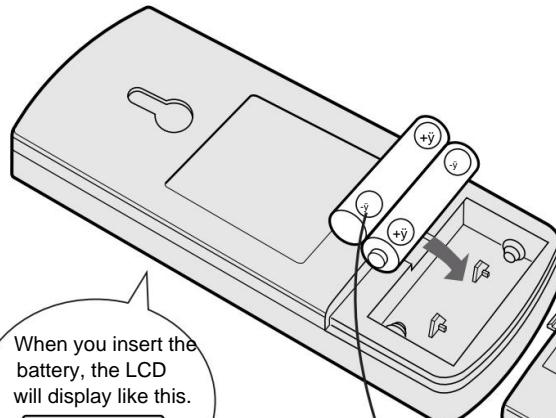
Remote control

For the purpose of explanation, the LCD display shows all the information.



Preparation before driving

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



1 Open the cover.

2. Insert + and - correctly.
Close the cover.

• If the device does not function properly after battery replacement, remove the battery, wait 30 seconds or more, and then reinsert it.

Names

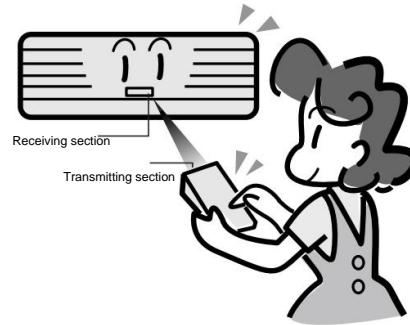
About the battery

- The battery life is about one year, but if the display on the remote control becomes faint or the signal is not received, replace the battery.
 - Incorrect use of the battery may cause leakage or explosion, so please be careful of the following points.
 - ÿ When replacing, use two new batteries of the same type. ÿ If you will not be using the product for a long period of time, remove the batteries to prevent damage caused by leakage.
- * The included battery is provided for initial use and may wear out within one year.

Preparation before driving

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 about 7m. •Make sure there is nothing blocking the signal. Please.
- When a signal is received, the unit will emit a "beep" or "beep beep" sound.



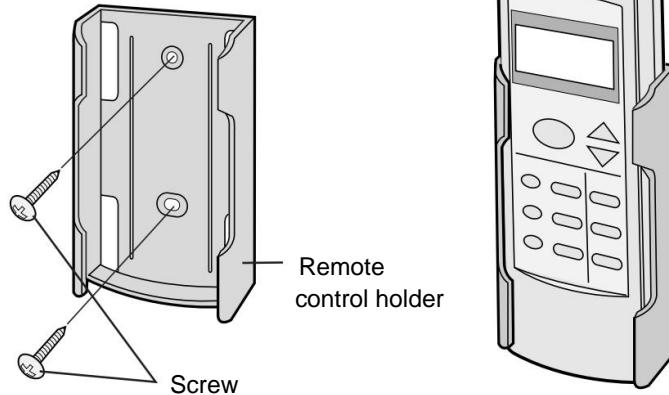
Please

- Do not subject the remote control to shock. Also, do not wet it, expose it to direct sunlight, or place it near a stove, as this may cause it to malfunction. - In a room with electronic instant-on or inverter fluorescent lights, the signal may not be received. If this occurs, consult your retailer. - If other air conditioners receive the remote control signal, consult your retailer.

When hanging the remote control on a wall

Press the "ON/OFF" button on the remote control and attach the remote control holder to a position where you can hear the receiving sound from the main unit.

Secure with the two included screws.



Up Haha Two Engage Data But Tat To

Curtains and blinds on the windows.

Let in sunlight during the winter day



Curtains and bras at night.

Indoor heat leakage in India

Let's prevent this.

In summer, it is recommended to avoid direct sunlight.

Approximately 5% energy saving effect

There is a result.

Clean the filter regularly.

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.

The indoor temperature is moderate.

Be careful not to heat or cool it too much.

Adjust the temperature frequently.

When cooling, the temperature is 1° higher.



2° lower when heating.

That's about 10%.

Save on electricity bills.

I'm coming.

In addition, when cooling, the room temperature

The temperature difference between inside and outside is about

The best temperature is within 5 to 6 degrees Celsius.

It is suitable.

The values listed may vary depending on the usage environment.

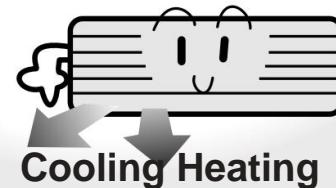
So please think of it as a guideline.

Adjust the wind direction well.

The up and down airflow louvers are "for heating".

"Facing downwards" "Facing horizontally when cooling"

It is effective to do so.



Enable the timer.

Forgot to turn off the air conditioner

It's a waste of electricity.

Use a timer to

Drive only as long as you need

Let's do it.



Around the outdoor unit Without blocking

Outdoor unit

Do not put anything in the air outlet.

If you place it and cover it,

The ability is reduced,

Electricity bills are also wasted.

It will be.



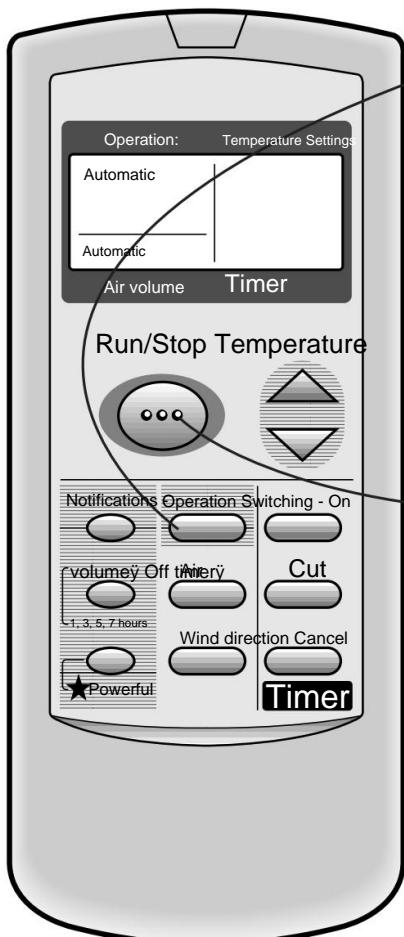
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Preparation
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To

Operate (Auto, Heating, Cooling, Dehumidification)

Soft

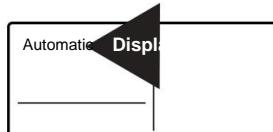
You can choose between automatic, heating, cooling, and dehumidification (soft dehumidification).

Once you have set it, you can operate it the same way by simply pressing the "ON/OFF" button next time.



1

Press the operation switch to select the operation mode.



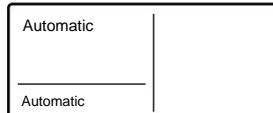
Each time you press



The display will change in this order.

2

Press Start/Stop .



(The operation lamp (red) on the main unit is lit.)

- When the dehumidification (soft dehumidification) operation is in progress, the soft dehumidification lamp (green) on the main unit is lit.



When you want to stop



- Press the "ON/OFF" button again. (The operation lamp (red) on the main unit will turn off.)

(Example) When the indoor temperature is 23°C,

press the "Notification" button on the remote control while the unit is operating .

The indoor and outdoor temperatures will be displayed on the temperature display of the unit. (The outdoor temperature will not be displayed when the unit is stopped.)

Page 7



The recommended temperature settings are 20-24°C for heating and 25-28°C for cooling. Please check the room temperature and adjust it accordingly to avoid overheating or overcooling the room.



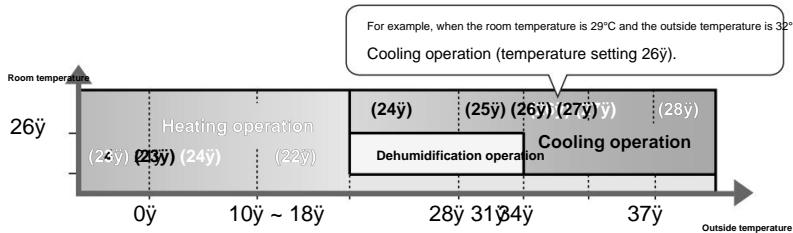
About autonomous driving

The operation type (heating, cooling, dehumidification) and temperature are determined by the room temperature and the outside temperature when the operation starts.

The air conditioner will automatically select and operate in a way that makes the room comfortable.

If the outside temperature changes while driving, the temperature will be reselected (outside temperature adaptive control).

Operation details and temperature guideline



• The number in parentheses is the base temperature selected by the air conditioner. Press the "Temperature" button to set the temperature.

The temperature can also be adjusted within a range of $\pm 2^\circ\text{C}$. [Page 14](#)

• Dehumidification operation is a very weak cooling operation.

Regarding airflow during cooling operation

When cooling is in operation, with the automatic airflow setting, the airflow at the start of operation is slower for about 1 minute.

This is to prepare for the cold wind and to prevent the air coming out with the wind.

To reduce room odors and cigarette odors that have adhered to the inside of the unit.

It is.

About the gentle dehumidification operation

The operation prioritizes removing moisture without lowering the room temperature too much. [Page 24](#)

(When you press the "Powerful" button during soft dehumidification operation, the powerful dehumidification operation will start.

can.)

[Page 19](#)

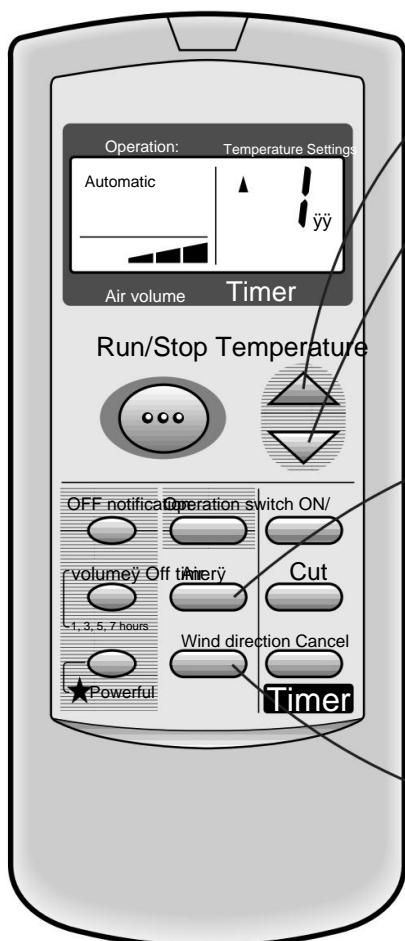
luck

Transfer

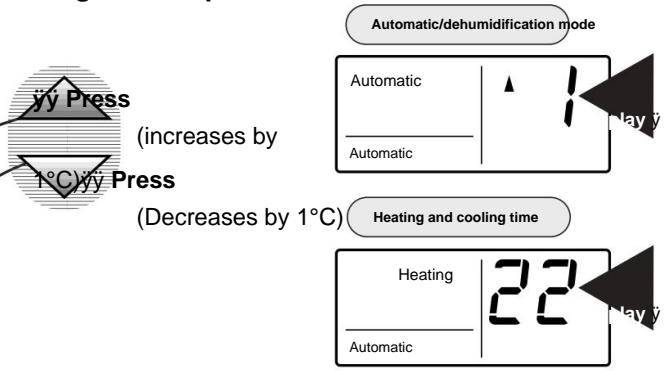
vinegar

R

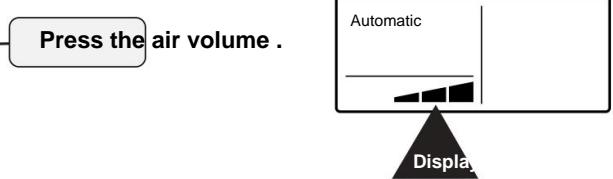
Change the temperature, air volume and direction



Change the temperature



Change the airflow Change

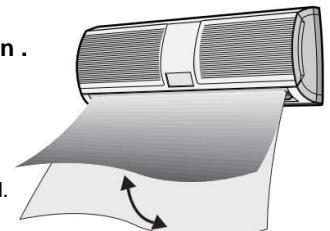


Change the direction of the wind up and down

Make it a swing

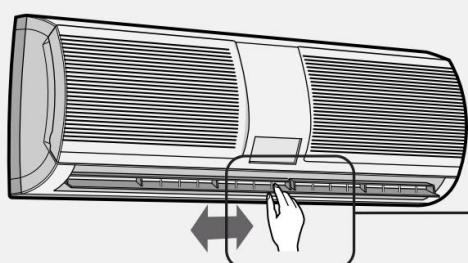
Push the wind direction .

- The up and down air direction louvers move up and down at a constant speed.



Change the direction of the wind from left to right

It can be adjusted by hand.



Adjustable range: 2°C

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

● Temperature setting range:

18°C to 32°C

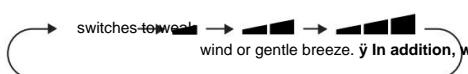
Note

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

Recommended temperature settings :

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

- Each time you press it, the display changes as follows: → Strong wind until the room



temperature reaches the set temperature, then → Automatic → The wind strength automatically

→ In addition, when cooling, the wind will be delayed for about one minute when starting operation to prepare for blowing cold air and to reduce odors that come with the wind.

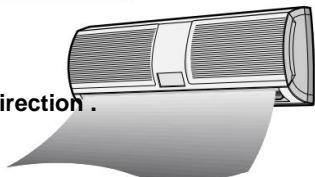
- When dehumidifying, the air volume is fixed at automatic.

When the airflow is set to automatic

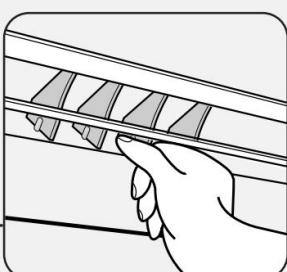
Temperature
•

Air
volume
•

Change o

Stop it at the position you like.**During the swing****Push the wind direction .**

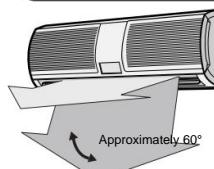
- It can be adjusted within a range of 120 degrees.



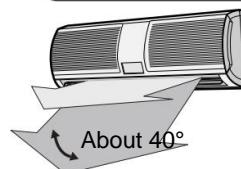
120°

Up and down airflow adjustment range

The up and down airflow direction can be stopped within the range shown in the diagram below.

When heating

Approximately 60°

When cooling/dehumidifying

About 40°

However, the swing range is approximately 60 degrees.

Please

When adjusting the up/down airflow direction, please use

the remote control. Adjusting it by hand may cause it to

- move incorrectly. If you point it downwards with your hand and run it in cooling or dehumidifying mode for a long period of time, dew may form around the louvers and fall.

Note

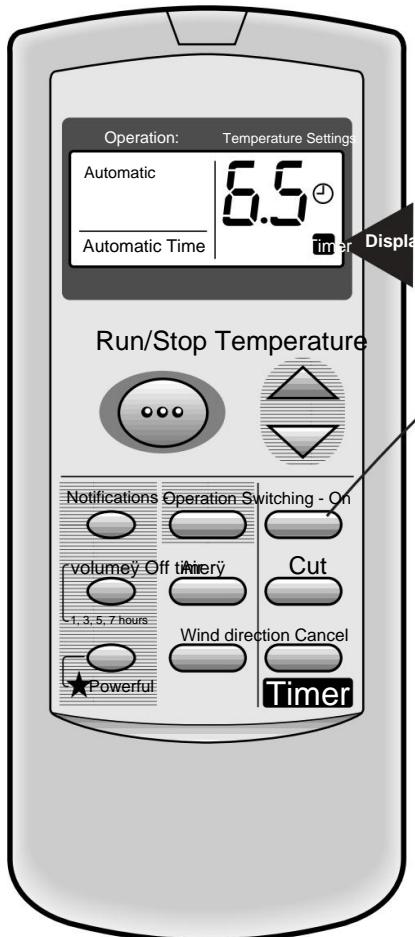
Regarding up and down wind direction

- The airflow direction cannot be changed for about 20 seconds after operation starts.
- When the temperature of the air blown out is low, such as when starting heating operation, the airflow will be horizontal.

Timer reservation

On timer

The operation will start early (up to 60 minutes before) so that the room temperature you want will be reached at the reserved time .



Example: If you want the room to reach the desired temperature in 6.5 hours:

Press 1 and select the setting you want to make.

Match the time



(The timer lamp (yellow) on the unit is lit.)

Each time you press

→ 0.5 1.0 1.5 → 11 12 → →

→ Press and hold to fast

forward. →

Customize your booking to your liking.

1. Press the "operation switch" button to adjust the operation. 2. Adjust the temperature and airflow. The temperature will be displayed for 5 seconds, then the timer will start. The display will return to "Automatic operation" or "Dehumidification operation". The temperature cannot be changed until operation has started.

Note

- The On and Off timers can be programmed up to 12 hours in advance. (Times can be programmed in 0.5 hour (30 minute) increments up to 9.5 hours in advance, and in 1 hour increments from 10 to 12 hours in advance) - The timer time display on the remote control shows the remaining time as time passes. -
- The On and Off timers cannot be used at the same time. - If you programme the One-touch Off timer, you cannot use the On and Off timers. - If you programme the One-touch Off timer while programming the On and Off timers, the On and Off timers will be cancelled. - Once you have programmed the On or Off timer, the next time you programme it, the same time will be set as the previous time.

Off timer

You can reserve the time when you want to stop driving.



Example: If you want to stop after 2.5 hours:

1

Press OFF and set the time you want to set.

Beep

(The timer lamp (yellow) on the unit is lit.)

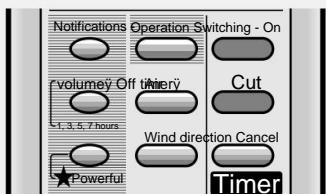
Each time you press

→ 0.5 → 1.0 → 1.5 → 1.1 → 1.2 → →

Press and hold to
fast forward.

If you want to change your reservation time:

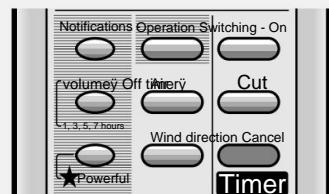
During timer reservation,
press the "ON" or "OFF" button to change the time.



When you want to cancel a reservation

Press the "Cancel" button.
(The timer lamp (yellow) on the main unit will turn off.)

Beep



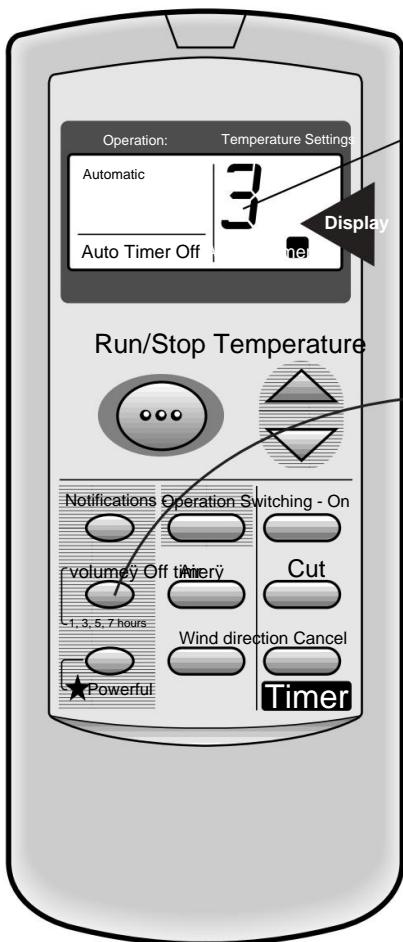
Enter

Off ti

Timer reservation

One-touch off timer

You can easily set the timer to go off after 1, 3, 5, or 7 hours.



Displays the remaining time.
(The remaining time is displayed
in the order of 7→5→3→1.)

Example: If you want to stop after 3 hours:

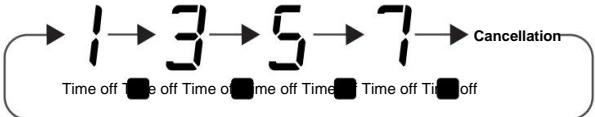
1

While driving

Press the off timer to select the time.

(The timer lamp (yellow) on the unit is lit.)

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



- If you set it to "Cancel", the timer will be cancelled, but it will continue to operate. (The timer lamp (yellow) on the main unit will turn off.)
- If you press the "Off Timer" button (one-touch off timer) again after waiting for more than 5 seconds after making a reservation, the first time it will become "Cancel", and each time you press it subsequently it will change to "after 1→3→5→7 hours".

When you want to cancel the one-touch off timer

Press the "Cancel" button.

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

When you want to change the off timer time

Press the "Off Timer" button (one-touch off timer) 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 "Run/Stop" button.

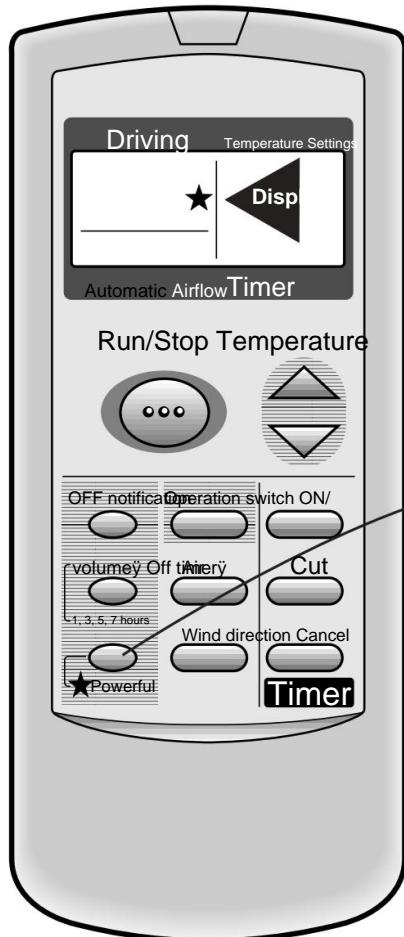
Note

- You can also start operation by pressing the "Off Timer" button (one-touch off timer) while the unit is stopped. (The operation (auto, heating, cooling, dehumidification) will be the same as before it was stopped.)
- If you reserve the one-touch off timer,
- you cannot reserve the on timer or off timer. • If you reserve the one-touch off timer while the on timer or off timer is reserved, the on timer or off timer will be canceled.

Powerful driving

It operates with strong heating, cooling and dehumidification.

When you get home or after a bath,



While driving

Press Powerful

Operation details: Display disappears.

Temperature: Display disappears (cannot be changed).

Air volume: Automatic (cannot be switched). Air direction: Can be changed.

When you switch to powerful operation during dehumidification (soft dehumidification) operation, the soft dehumidification lamp (green) on the main unit will turn off and the powerful dehumidification lamp (green) will turn on.

When you want to cancel

Press the "Powerful" button again.

(Returns to original operation)

About powerful driving

Heating and cooling time

By operating at maximum power, it quickly heats or cools the room. In order to operate at a strong power, the airflow automatically changes to super strong for the first 5 minutes, and then to strong. ♪

Dehumidification (soft dehumidification) time

The room temperature is lowered more than in the dehumidification (soft dehumidification) mode, and the dehumidification capacity is increased.

(Powerful dehumidification mode) Page 24

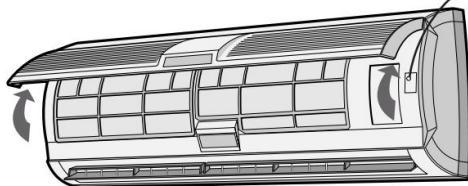
Power

In these cases:

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 and airflow will be set to "Auto".



Open the open panel.

Press the emergency button.

(The operation lamp (red) on the main unit is lit)

When you want to stop

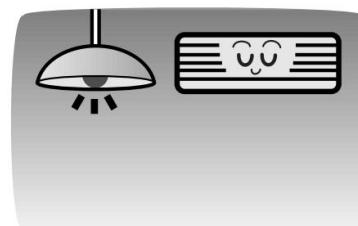
Press the "Emergency Operation" button again. (The operation lamp (red) on the main unit will turn off.)

If you press and hold the "Emergency Operation" button for 5 seconds while the air conditioner is operating, it will operate in forced cooling mode. 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.

In case of power outage

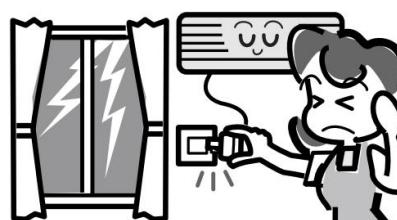
If a power outage occurs during operation, the air conditioner will remain stopped. After power is restored, press the "ON/OFF" button again.

If there is a power outage while the timer is on, the timer will be canceled. Please try again after the power is restored.



When the thunder starts to rumble...

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



Care Instructions

⚠ Note:

Before cleaning, stop operation and unplug the power cord.

Cleaning while the appliance is running may cause the internal fan to rotate at high speed and may result in injury.

Cleaning the unit and 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 26 and 27

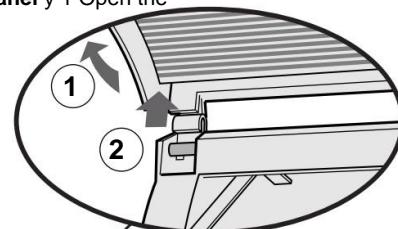
Cleaning with commercially available cleaning agents may cause malfunction.

Open panel washing

⚠ Note:

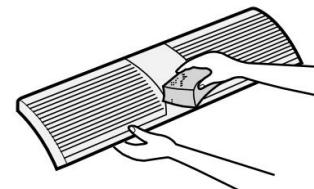
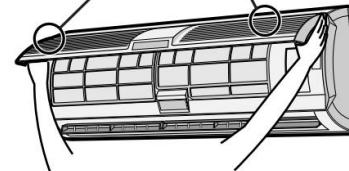
- Be sure to remove the open panel, wash it with water, and dry it thoroughly before attaching it. If moisture remains on the panel, it may cause an electric shock. •Do not stand on an unstable stand
- When attaching or detaching the open panel. Do not stand on an unstable stand when attaching or detaching the open panel. It may cause an injury such as a fall.

- 1 **Removing the open panel** ① Open the open panel about 90 degrees. ② Pull it up and remove it.



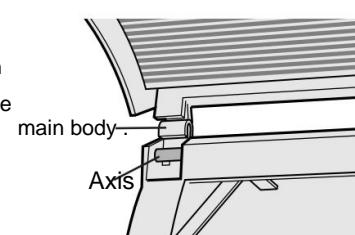
- 2 **Wash with water.**

- Wash gently with a soft sponge or cloth and dry thoroughly in the shade. (Do not use scrubbing brushes or the hard side of a sponge as they may scratch the surface.) •If the surface is very dirty, use a neutral kitchen detergent and rinse thoroughly.



- 3 **Add an open panel**

1. Fit the left and right bearing parts of the open panel onto the shaft of the
2. Close the open panel.



At

times

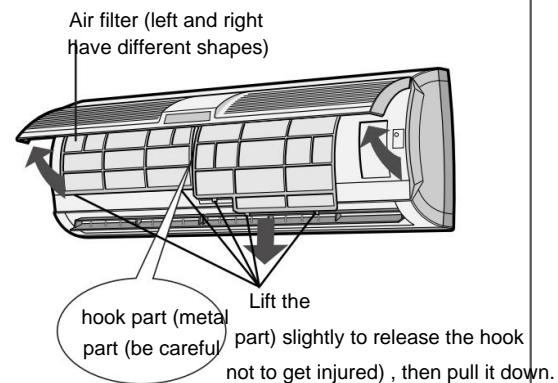
Care

Care Instructions

Cleaning the air filter

The recommended cleaning time is once every two weeks.

1 Open the panel and remove the air filter.

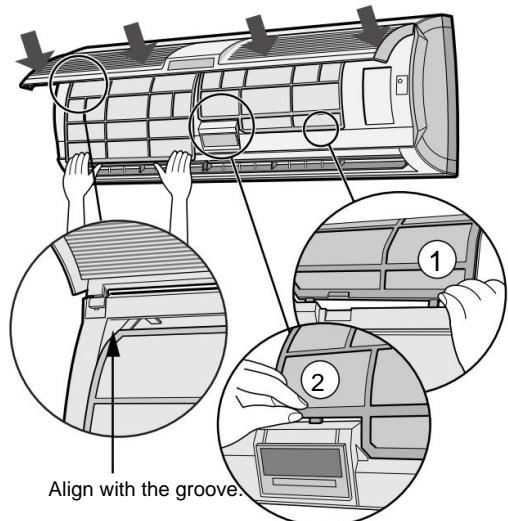


2 Remove dirt with a vacuum cleaner

If it is very dirty, wash it with a mild kitchen detergent and let it dry thoroughly in the shade.

3 Attach the air filter and close the open panel.

●Press the arrows (4 places).



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

Post-season care

Note:

If you do not plan to use the product for a long period of time, unplug the

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

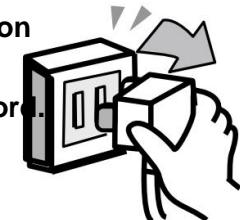
1 Run the fan for about half a day to dry out the inside of the air conditioner.

When the temperature is set to 32°C (when the room temperature is below 31°C) and the unit is in cooling mode, it will blow air.



Prevents mold and odors from forming.

2 Stop operation and unplug the power cord.



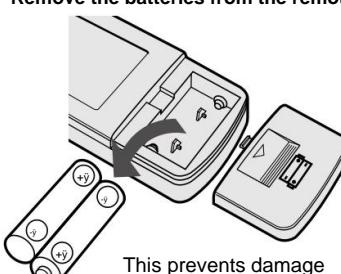
If you are using a circuit dedicated to the air conditioner, please also turn off the safety breaker.

3 Clean the air filter.

Page 22

4 Remove the batteries from the remote control.

Page 9



This prevents damage caused by leakage.

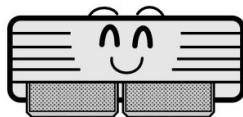
Sold separately.

Pre-season inspection

⚠ Note:

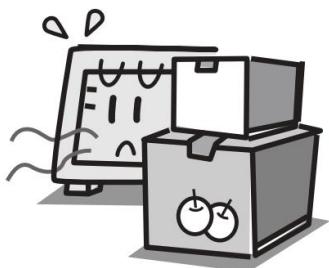
Before the season starts, check to see if the earth wire is loose. If the earth wire is not properly connected, it may cause electric shock.

1 Air filter included.

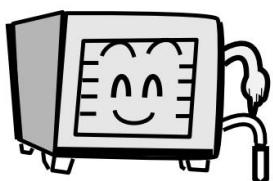


If you operate the unit without it, the inside of the indoor unit will become dirty and may cause a breakdown.

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



3 Is the earth wire disconnected?



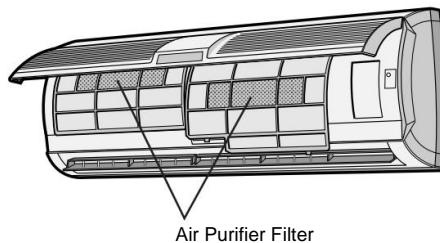
The earth wire may be installed inside the room.

Please purchase it at the store where you purchased it.

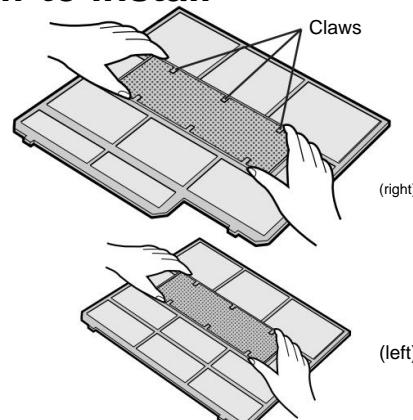
Air Purifier Filter

When installed in an air conditioner, it provides air purification during operation.

Please purchase it at the store where you purchased your air purifier filter. The recommended replacement period is approximately 3 to 6 months.

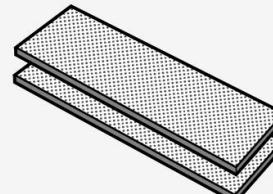


How to install



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

Air Purifier Filter



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

Care /

Envoye Non Knowledge

Afternoon

Knowledge



About dehumidification operation

There are two ways to use the dehumidification function.

Gentle dehumidification operation....Select "Dehumidification" with the "Operation Switch" button, then...
Press the "Run/Stop" button.

It is recommended for dehumidification without lowering the temperature too much, such as during the rainy season.

●When the outside temperature is low, the room temperature is not lowered too much and dehumidification is performed so that it does not feel chilly.

(When the outside temperature is high, the room temperature is lowered slightly to dehumidify.)

Powerful dehumidification operation Press the "Powerful" button during soft dehumidification operation.
Please press .

Recommended for times when you want to lower the temperature and humidity, such as midsummer.

●This mode operates with a greater dehumidifying capacity than the soft dehumidification mode. The room temperature will also drop.

About heating operation

●It absorbs heat from the outside air and brings it into the room to heat it (heat pump system).

When the outside temperature drops, it becomes difficult to warm up. In that case, please use it in conjunction with other heating appliances.

I recommend it.

●When frost forms on the outdoor unit, it will automatically perform defrosting operation for about 5 to 10 minutes.

Operation will stop. Once defrosting is complete, heating operation will resume.

●When the room temperature and outside temperature are low (outside temperature is below 10°C), the warm air blows when heating operation starts.

To speed up the process, the compressor may be preheated (consuming approximately 25 watts of power).

(If the power plug is unplugged, the compressor will not preheat.)

Operating conditions:

●When the temperature is as shown on the right, the protective device is activated.
If this happens, you may not be able to drive.

●If the humidity is over 80%, do not use air conditioning for a long time.

When the dehumidifier is in operation, dew may form on the air outlet.

It may stick and drip.

Heating operation	Outside temperature 21°C or higher.
Cooling operation	Outside temperature 43°C or higher Room temperature below 21°C.
Dehumidification operation	Room temperature below 16°C.

Warranty and after-sales service Please read carefully

Warranty card (attached)

- Please check that the warranty card is filled in with the date of purchase, store name, etc., and receive it from the store. Please read the warranty carefully and keep it in a safe place.
- Warranty period: One year from the date of purchase. However, the following parts are covered for a period of five years: Cooling unit: Compressor, heat exchanger, and 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. Ÿ Repair performance parts are parts that are necessary to maintain the functionality of the product. Ÿ

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 dealer. Please contact our customer service center.

When requesting repairs On-site repairs

- Check for "Is it broken?" If the problem persists, stop using the product, 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 Date of desired visit

If the warranty period has expired

If the product 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 on-site 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

During the warranty period

location of the product. Please present the warranty card when repairing the product. The dealer will repair the product according to the warranty policy.

Knowledge

Customer Service Desk List

For inquiries and requests regarding repairs, handling, and maintenance of Sharp products, please contact the store where you purchased the product.

If you have moved or the product has been gifted and you are unable to contact the retailer listed on the warranty, please contact the following office.

- For inquiries about product failures or purchasing parts, please contact the "Repair Consultation Center".

(Note) The office marked with an asterisk is for consultation regarding "carry-in repairs and parts purchases." Please contact the CS Center for on-site repairs in this area. For

- Opinions and requests regarding products, please contact the "General Consultation Office."

Repair consultation desk

Sharp Engineering Co., Ltd.

Repair consultation desk

Sharp Engineering Co., Ltd.

Area in charge	Office name	Phone number	Location	Area of responsibility	Base name	Telephone number	Location
Osaka CS Center	(06)6795-2800 *Osaka	(06)6643-5331		Kagawa Prefecture CS Center	(087) 823-5513		
1-2-9 Ebisui-nishi, Naniwa-ku, Osaka	*Sakai	(0722)45-4651 1-39 Oimatsucho, Sakai		*Kagawa	(087) 823-4901 6-2-8 Asahi-cho, Takamatsu City Tokushima		
*Osaka TC	(06)6794-5611 3-7-19 Kami-minami, Hirano-ku, Osaka	*South		Prefecture CS Center	(088) 625-4684		
Osaka	(0724)31-1950 1215 Sawa, Kaizuka	*North Osaka (0726)34-4519 5-15-3		*Tokushima	(088) 625-4654 3-11-14 Nakatsuneshima-cho, Tokushima		
Ayukawa, Ibaraki Hyogo CS Center	(06)6795-2899 *Hyogo			City Ehime Prefecture CS Center	(089) 971-4729		
(078)791-1541 3-15-2 Yaeidai, Suma-ku, Kobe	*Kobe	(078)453-4651 1-6-18		* Ehime Prefecture	(089) 971-4563 178-1 Takaoka-cho, Matsuyama City *		
Uozaki Kitamachi, Higashinada Ward, Kobe City				Toyo Prefecture	(089) 36-0845 1-15-29 Yahata, Nihamana City * Minami-jo		
*Hanshin (06)6421-4877 3-2-10 Inadera, Amagasaki City	*Himeji	(0792)66-1819 5-7-7		Prefecture	(089) 25-4722 1-1-20 Nakazawa-cho, Uwajima City		
Aoyama, Himeji City	*Toyoooka	(0796)23-7515 77-1 Shimohata, Kamimachi, Koukaichii		Kochi Prefecture CS Center	(0888)82-4021 *Kochi		
Toyooka City Nara Prefecture CS Center	(06)6795-2899 *Nara	(0743)53-6693		(0888)82-4635 960-1 Takasu, Kochi City Nakamura (0880)35-2138 16-12			
492 Minoshocho, Yamatokoriyama City	*Nara Minami	(0745)65-1492 4-3		Ekimae-cho, Nakamura City Fukuoka Prefecture CS Center	(092)586-1122 *Fukuoka		
Kayahara, Gose City Wakayama Prefecture CS Center	(06)6795-2899 *Wakayama			(092)572-4652 2-12-1 Isoda, Hakata-ku, Fukuoka			
(073)445-4615 2-4-91 Nishikoniwa, Wakayama City				City *Minami Fukuoka	(0942)45-8211 3-7-14 Mii Hatazaki, Kurume City *Northern		
*Nanki (0739)25-3121 441-1 Inarimachi, Tanabe City Shingu	(0735)22-0900			Kyushu (093)592-4677 6-12 Otemachi, Kokurakita-ku, Kitakyushu City			
2-10-22 Hashimoto, Shingu City Tottori Prefecture Tottori							
(0857)27-8831 2-204 Aobamachi, Tottori City Okayama							
Prefecture CS Center	(086)292-1707						
*Okayama: (086)292-1709 828 Yao, Hayashima-cho, Tsukubo-gun	*Tsuyama:			Saga Prefecture CS Center	(092)586-1122 *Saga		
(0868)24-4069 6-8 Numa, Tsuyama-shi Shimane Prefecture CS				(0952)24-9450 2043-2 Hachinohe Gohonmatsugoro, Nabeshima-cho, Saga City Nagasaki			
Center: (0852)24-4811 *Matsue: (0852)24-4810				Prefecture CS Center	(095)844-1870 *Nagasaki		
3-1-10 Nishitsuda, Matsue-shi Hamada: (0855)23-4649 210-1 Kurokawa-cho,				(0957)52-3511 613-3 Kogashima-cho, Omura City Sasebo (0956)32-6666 107-5			
Hamada-shi Hiroshima Prefecture CS Center: (082)874-8071 *Hiroshima:				Shiratake-cho, Sasebo City Oita Prefecture CS Center	(097)536-5548 *Oita		
(082)874-8149 2-13-4 Nishihara, Asaminami-ku,				(097)536-4686 16-20 Nakakasuga-cho, Oita City			
Hiroshima-shi				Kumamoto Prefecture CS Center	(096)366-7070 *Kumamoto (096)364-4777		
CS Center (0824)28-7448 *Higashi Hiroshima				3-15-17 Shinyashiki, Kumamoto City Amakusa			
(0824)28-7490 4-3-30 Yahonmatsu Higashi, Higashi Hiroshima City				(096)923-8711 19-3 Minatomachi, Hondo City			
CS Center: (0849) 51-7644 *Fukuyama (0849) 51-7654							
Kami-kaichi, Tsunogochi, Fukuyama City Yamaguchi Prefecture CS Center: (0839)							
72-0870 *Yamaguchi (0839) 72-0891 4-12 Wakakusa-							
cho, Ogori-machi, Yoshiiki-gun	*Higashiyamaguchi (0833) 44-0923 173-1 Nishi						
Toyo, Kudamatsu City							

Okinawa Sharp Electric Co., Ltd.

Area in charge	Office name	Phone number	Location	Area in charge	Office name	Phone number	Location
Okinawa Prefecture Naha	(098)861-0866 2-10-1 Akebono, Naha City			Okinawa Prefecture, Sakishima	(09807)3-3603 1178-5 Shimosato, Hirara		

General consultation desk

Sharp Corporation

East Japan Consultation Office: (043)297-4649	FAX: (043)299-8280 1-9-2 Nakase, Mihamana-ku, Chiba City, 261-8520
West Japan Consultation Office: (06)6621-4649	FAX: (06)6792-5993 4-3-41 Kami-minami, Hirano-ku, Osaka City, 547-0003

Sharp Engineering Co., Ltd.

Hokkaido Branch Consumer Consultation Office	(011)642-4649 7-3-17, Nijyonken 1-jo, Nishi-ku, Sapporo	063-0801
Tohoku Branch Consumer Consultation Office	(022)288-9147 3-1-27, Oroshimachi Higashi, Wakabayashi-ku, Sendai	
984-0002 Shutoken Branch Consumer Consultation Office	(03)3893-4649 2-13-17, Higashitabata, Kita-ku, Tokyo	
114-0013 Chubu Branch Consumer Consultation Office	(052)332-4649 3-5-5, Sanno, Nakagawa-ku, Nagoya	
454-8721 Kinki Branch Consumer Consultation Office	(06)6794-7041 3-7-19, Kami-minami, Hirano-ku, Osaka	
547-8510 Chugoku Branch Consumer Consultation Office	(082)874-4649 2-13-4 Nishihara, Asaminami-ku, Hiroshima	
City, 731-0113 Shikoku Branch Consumer Consultation Office	(087) 823-4901 6-2-8 Asahi-cho, Takamatsu	
City, 760-0065 Kyushu Branch Consumer Consultation Office	(092) 572-4655 2-12-1 Isoda, Hakata-ku, Fukuoka City, 816-0081	

Please note that our address and telephone number may change. (9910)

Custom
one

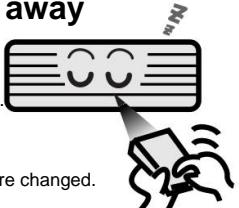
Table

Is it broken? (No, it's fine, it's not broken.)

In these times...

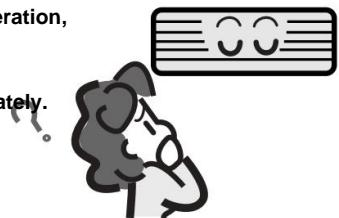
Don't drive right away

- When operation is stopped and then restarted immediately.



- When the operation details are changed.

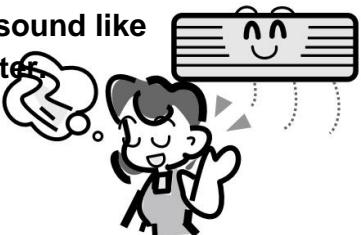
When starting operation,
the wind does not
come out immediately.



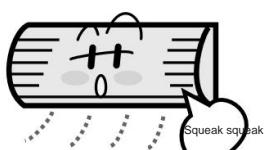
The air coming out of the air
conditioner smells bad.



There is a sound like
flowing water.



There is a
"crack" sound.



This is not a malfunction

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

Cooling operation (auto airflow)

ÿ Preparing to blow cold air. ÿ Please wait for about 1 minute.

During heating

operation, the unit is preparing to blow out warm air. Please wait for about 3 to 5 minutes.

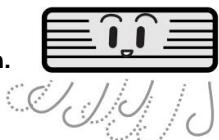
This is because smells such as furniture and cigarette smoke are released into the room.

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

This is the sound of the front panel and other parts expanding and contracting due to temperature changes.

In these times...

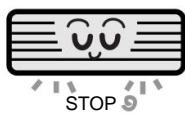
Mist comes out of the air conditioner during cooling/
dehumidification operation.



This is not a malfunction

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

During operation, the unit only blows air or stops.



This is because the room temperature has become lower (higher) than the temperature set on the remote control. When the room temperature rises (falls), operation will start.

There is a "bush" noise.



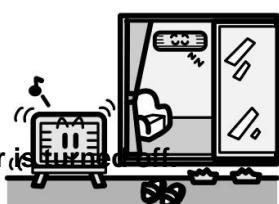
This is the sound that occurs when the flow of refrigerant inside the air conditioner switches, such as during defrosting operation.

During heating operation, steam or water comes out of the outdoor unit.



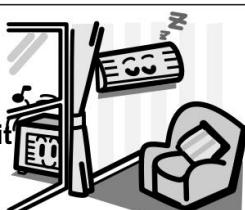
This is because the frost that melts during defrosting operation comes out as steam or water.

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, when the heating is off, the outdoor unit makes noise.



The compressor is preheated (consuming approximately 25 watts of power). This is to speed up the blowing of warm air when heating operation starts when the room temperature and outside temperature are low (outside temperature is approximately 10°C or lower).

Is
it
broken?

broke

Is it broken? (Please check again.)

In these times...

Please check it out.

Reference

Don't drive.



- Check to see if the breaker or fuse is blown.

- Check to see if

- the power plug is unplugged. - Check to

- see if there is a power outage.

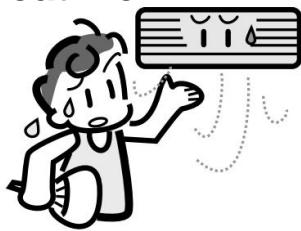
The air conditioner remains stopped.

After turning the power back on, press the "ON/OFF" button again.

→

20

It doesn't cool or heat well.



- Is the air filter dirty? - Are the outdoor unit's air

11-22→

- outlet and air inlet blocked? - Is the temperature control

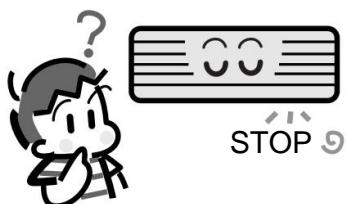
- correct? - Measure the

- temperature difference.

14→

- Operate the unit for about 20 minutes, and if the temperature difference between the indoor unit's air outlet and air inlet is 8°C or more during cooling and 14°C or more during heating, it is normal.

Stopping along the way



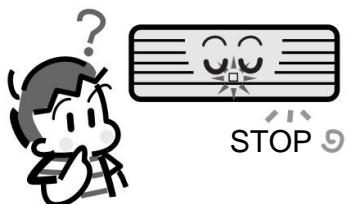
- Has it reached the scheduled time for the off timer?

17→

- Has it reached the stop time for the one-touch off timer?

18

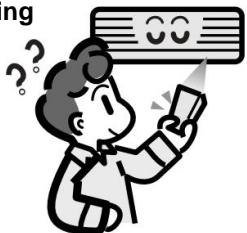
It stops midway. The temperature display is flashing.



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

- Is the air filter dirty? - Are the air outlets and intakes of the indoor and outdoor units blocked?

If it still flashes, contact your dealer and tell them the flashing numbers.

In these times...**Not receiving**

**The remote control
is not working properly.**

**The air volume cannot
be changed.**

**The temperature cannot
be changed.**

**Do not display outdoor
temperature**

Please check it out.

Reference

- 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?

9^y
9^y
10^y

- Remove the battery, wait 30 seconds or more, then reinsert it.

9

- Is the unit in dehumidification mode?
- Is the unit in powerful mode?

15^y
19^y

- Are you driving at high power?

19

- Is the machine stopped or within one minute of starting operation?

7

**WARNING**

If the problem persists, if the lamp is flashing, or if any of the following symptoms occur, immediately stop operation, unplug the power cord, and consult the retailer where you purchased the product. Continuing operation while the problem is occurring may result in breakdowns, electric shock, or fire. (For information about warranties and after-sales service, see page 25.)

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

Is
it

broken

Specifications

Combination of indoor and outdoor units	Indoors	AY-L28VB
	Outdoors	AU-L28VBY
Type Power supply	Separate type, air-cooled, cooling and heating combined (inverter) single-phase	
Capacity (kW)	100V, 50/60Hz 2.8 (0.9-3.2) South-facing Western-style	
cold		room in reinforced concrete apartment 19
Tufts		South-facing Japanese-style
Power consumption (W)	room in wooden building 13 790 (150-1130)	
Operating current (A)	9.0	
Energy consumption efficiency	3.54	
Operating noise (noise) (dB)	Indoors	39
	Outdoors	44
Intermediate capacity (kW)	1.5	
Intermediate power	295	
consumption (W) Standard capacity (kW)	4.0 (0.9-4.8) South-facing	
Warm		Western-style room in reinforced concrete apartment
Tufts		18 South-facing Japanese-style
Standard power (W)	room in wooden building 15 1140 (135-1320)	
Operating current (A)	12.7	
Energy consumption efficiency	3.51	
Operation noise level (dB)	Indoors	40
	Outdoors	44
Intermediate standard capacity (kW)	2.1	
Intermediate standard power	415	
Compressor output (W)	600	
Mass (kg)	Indoor	8
	Outdoor	28
External dimensions (mm)	Indoor	815×201×275
Width x Depth x Height	Outdoor	728×250×530
Accessories	Instruction manual, installation manual, warranty (1 each), remote control, remote control holder (with 2 mounting screws), batteries (2 AAA (R03))	

- 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 2.6 W of power even when the unit is not in operation.



If you use the product for a long period of time, please
Have you noticed any of the following symptoms? The power cord or plug becomes abnormally hot. There is a burning smell, or there is an abnormal sound or vibration during operation. Water leaks from the indoor unit. The earth leakage breaker trips frequently. There are other abnormalities or malfunctions.

To prevent breakdowns or accidents, stop using the product, unplug the power cord from the outlet, and be sure to contact your retailer for repairs. Please contact your retailer for the cost of inspection and repairs.

Even if you do not have the symptoms listed on the left, we recommend that you have your vehicle inspected for safety about five years after purchase. Please consult your dealer regarding the cost of the inspection.

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 Sharp customer service center listed on pages 26 and 27.

株式会社

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