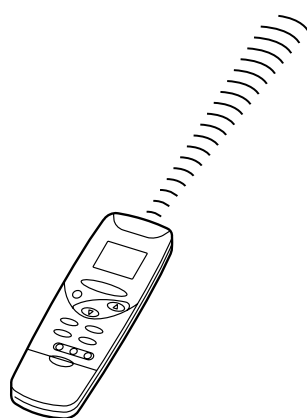
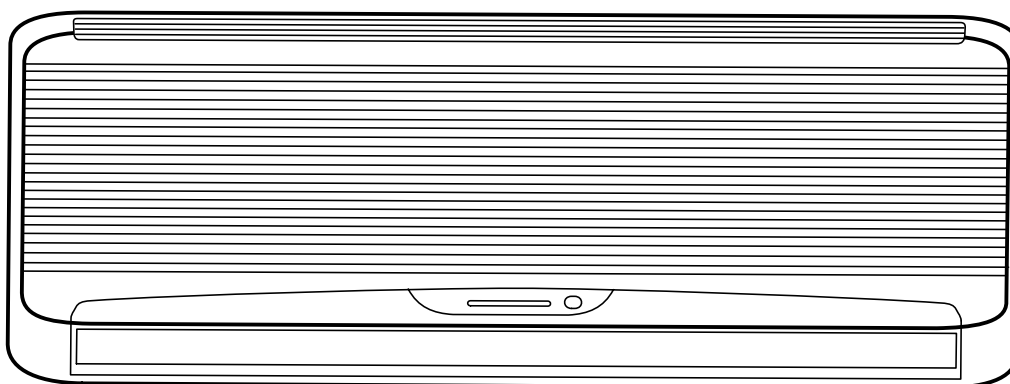




**OPERATING INSTRUCTIONS • NOTICE D'UTILISATION
BEDIENUNGSANLEITUNG • ISTRUZIONI D'USO
INSTRUCCIONES DE USO**

This air conditioner uses the new refrigerant R410A.



**MCAF94MR5IAA
MCAF124MR5IAA
MCAF184MR5IAA
MCAF244MR5IAA**

**Save These Instructions! • Conserver ce mode d'emploi
Bewahren Sie bitte diese Bedienungsanleitung auf
Conservate queste istruzioni • Guarde estas instrucciones**

**Split air conditioner system • Climatiseurs split
Split-klimagerät • Condizionatore d'aria split system**

Acondicionador de aire de consola partida sistema split

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Features

This air conditioner is equipped with cooling, heating, and drying functions. Details on these functions are provided below; refer to these descriptions when using the air conditioner.

- **Microprocessor Controlled Operation**
The interior compartment of the remote control unit contains several features to facilitate automatic operation, easy logically displayed for easy use.
- **Simple One-touch Wireless Remote Control**
The remote control unit has several features to facilitate automatic operation.
- **24-Hour ON or OFF Timer**
This timer can be set to automatically turn the unit on or off at 10 minutes intervals within a 24 hour period.
- **1-Hour OFF Timer**
This timer can be set to automatically turn off the unit at any time after one hour.
- **ECONOMY Mode**
Pressing this button changes the setting of the room temperature thermostat, allowing you to set the temperature at whatever level that you find comfortable.
- **Automatic and 3-step Fan Speed**
Auto/High/Medium/Low
- **Air Sweep Control**
This function moves a flap up and down in the air outlet, directing air in a sweeping motion around the room and providing comfort in every corner.
- **High Power Cooling**
When a cooling or drying operation is to be performed, the air conditioner operates for 15 minutes in the high power mode.
- **Odor Reduction Mode**
When a cooling or drying operation is to commence, the indoor fan motor is shut down for 40 seconds to minimize the odors which are produced when operation starts up.
- **Mold Inhibiting Mode**
Upon completion of a cooling or drying operation, the indoor fan motor operates in the fan mode for 30 seconds to prevent condensation inside the indoor unit and inhibit the growth of mold.
- **Anti-Mold Filter**
This unit is equipped with an anti-mold filter that inhibits the growth of mold and bacteria.
- **Air Clean Filter**
An air filter that uses antibacterial filter to eliminate unpleasant odors and clean the air.

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Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet.

Model No. _____ Serial No. _____

Date of purchase _____

Dealer's address _____

Phone number _____

DECLARATION OF CONFORMITY

This product is marked «**CE**» as it satisfies EEC Directive No. 89/336/EEC, 73/23/EEC and 93/68/EEC.

This declaration will become void in case of mis-usage and/or from non observance though partial of Manufacturer's installation and/or operating instructions.

Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:



WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



CAUTION

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

Installation Location

- We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit.
- Before installation, check that the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate.



WARNING

- Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.
- Do not install the air conditioner where excessively high heat-generating objects are placed.

Avoid: To protect the air conditioner from heavy corrosion, avoid installing the outdoor unit where salty sea water can splash directly onto it or in sulphurous air near a spa.

Electrical Requirements

1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring.
3. Wiring must be done by a qualified electrician.

Safety Instructions

- Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.
- This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual.



WARNING

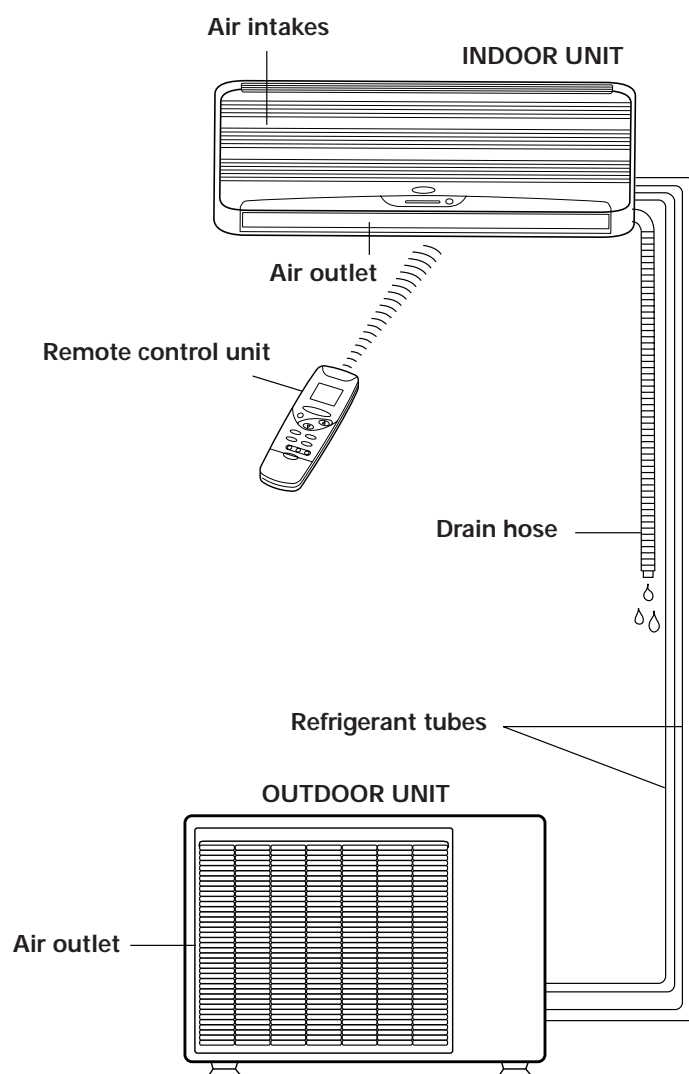
- Never use or store gasoline or other flammable vapor or liquid near the air conditioner – it is very dangerous.
- This air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.



CAUTION

- Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.
- Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed.
- Do not let children play with the air conditioner.
- Do not cool or heat the room too much if babies or invalids are present.

Names of Parts



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NOTE

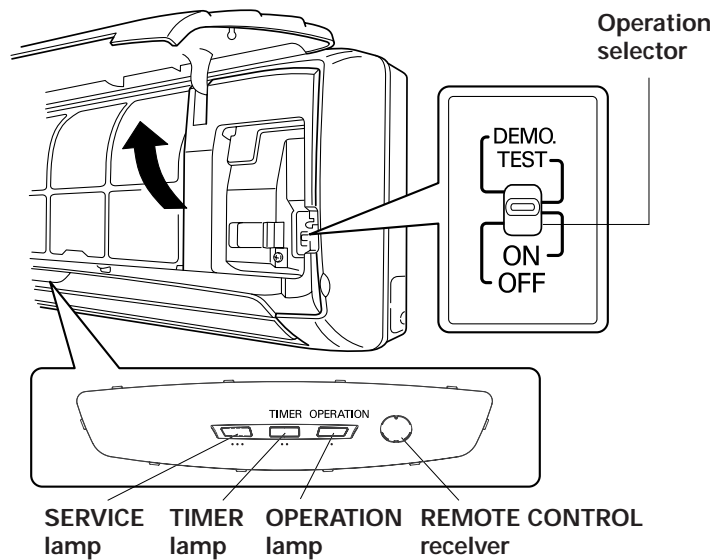
This illustration is based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner which you have selected.

This air conditioner consists of an indoor unit and an outdoor unit. You can control the air conditioner with the remote control unit.

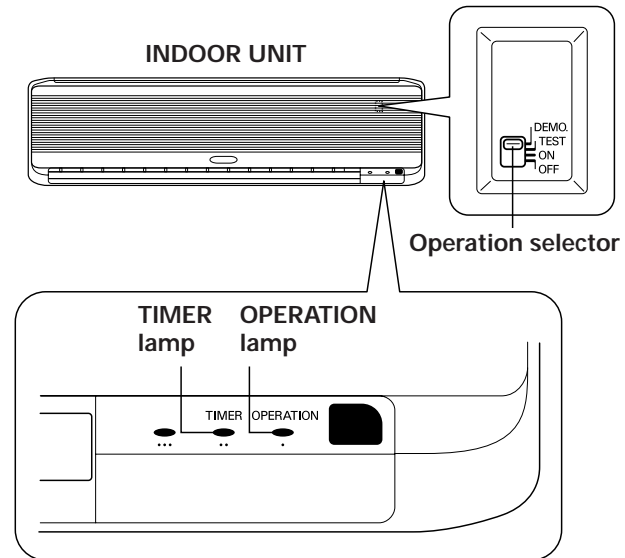
Air Intake	Air from the room is drawn into this section and passes through air filters which remove dust.
Air Outlet	Conditioned air is blown out of the air conditioner through the air outlet.
Remote Control Unit	The wireless remote control unit controls power ON/OFF, operation mode selection, temperature, fan speed, timer setting, and air sweeping.
Refrigerant Tubes	The indoor and outdoor units are connected by copper tubes through which refrigerant gas flows.
Drain Hose	Moisture in the room condenses and drains off through this hose.
Outdoor (Condensing) Unit	The outdoor unit contains the compressor, fan motor, heat exchanger coil, and other electrical components.

Unit Display and Operation Selector

MCAF94/124/184
INDOOR UNIT





MCAF244



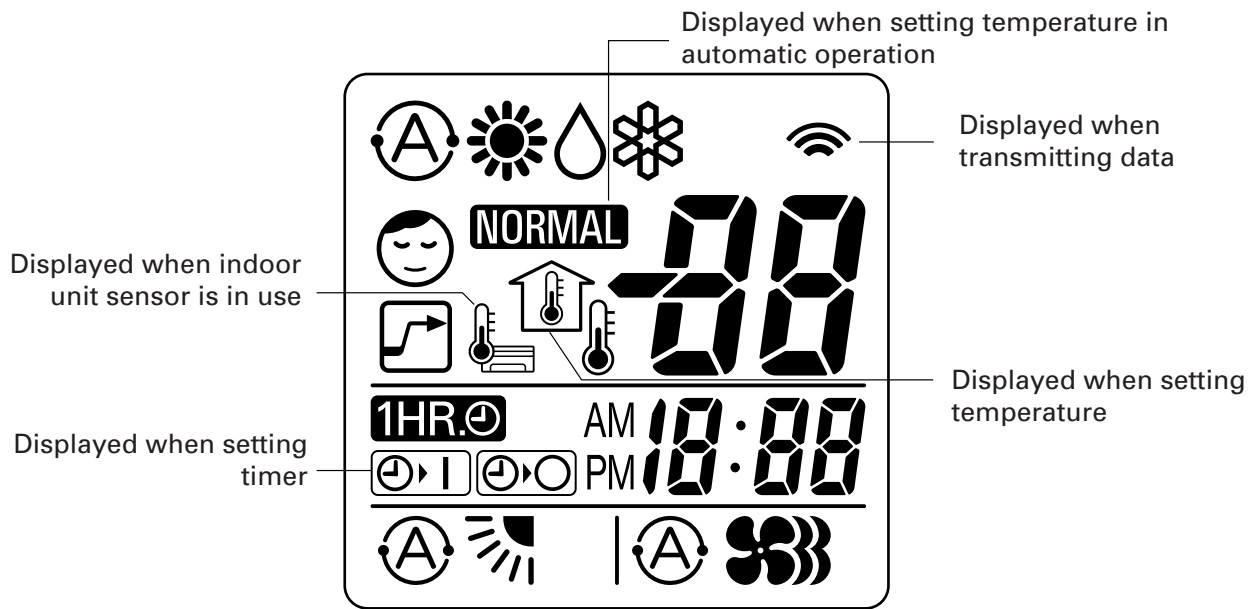
IMPORTANT

Avoid using radio equipment such as mobile phone near (within 1 m) the remote control receiver. Some radio equipment may cause malfunction of the unit.

If the trouble happens, disconnect power and restart the air conditioner after a few minutes.

REMOTE CONTROL receiver	This section picks up infrared signals from the remote control unit (transmitter).
Operation selector ON position	This position is for operating the air conditioner with the wireless remote control unit. Set the selector normally in this position.
OFF position	Switch the selector to the OFF position if you are not going to use the air conditioner for a few days or longer.
 WARNING	The OFF position does not disconnect the power. Use the main power switch to turn off power completely.
TEST position	This position is used only when servicing the air conditioner.
 CAUTION	Do not set at the TEST position for normal operation.
DEMO position	This position is used only when setting address of the remote control unit.
OPERATION lamp	This lamp lights when the system is in the continuous AUTO (red, orange or green), HEAT (red), DRY (orange) and COOL (green) mode.
TIMER lamp	This lamp lights when the system is being controlled by the timer.
SERVICE lamp	When a fault occurs in the air conditioner, this lamp turns on or flashes in combination with the other two lamps to indicate the type of fault.

Remote Control Unit (Display)



EG

Symbols

(1) Operation mode

AUTO	
HEAT.....	
DOUBLE SENSOR DRY	
COOL	

(2) Confirmation of transmission



(3) Set temperature 16-30 °C

When set to 28 °C.....
Current temperature indication



(4) Timer

ON Timer	
OFF Timer	
1-hour OFF Timer	

(5) ECONOMY



(6) High power operation



(7) Flap indication

Auto. flap indication.....



Flap angle indication



Sweep indication.....



(8) Fan speed

Automatic operation



HIGH



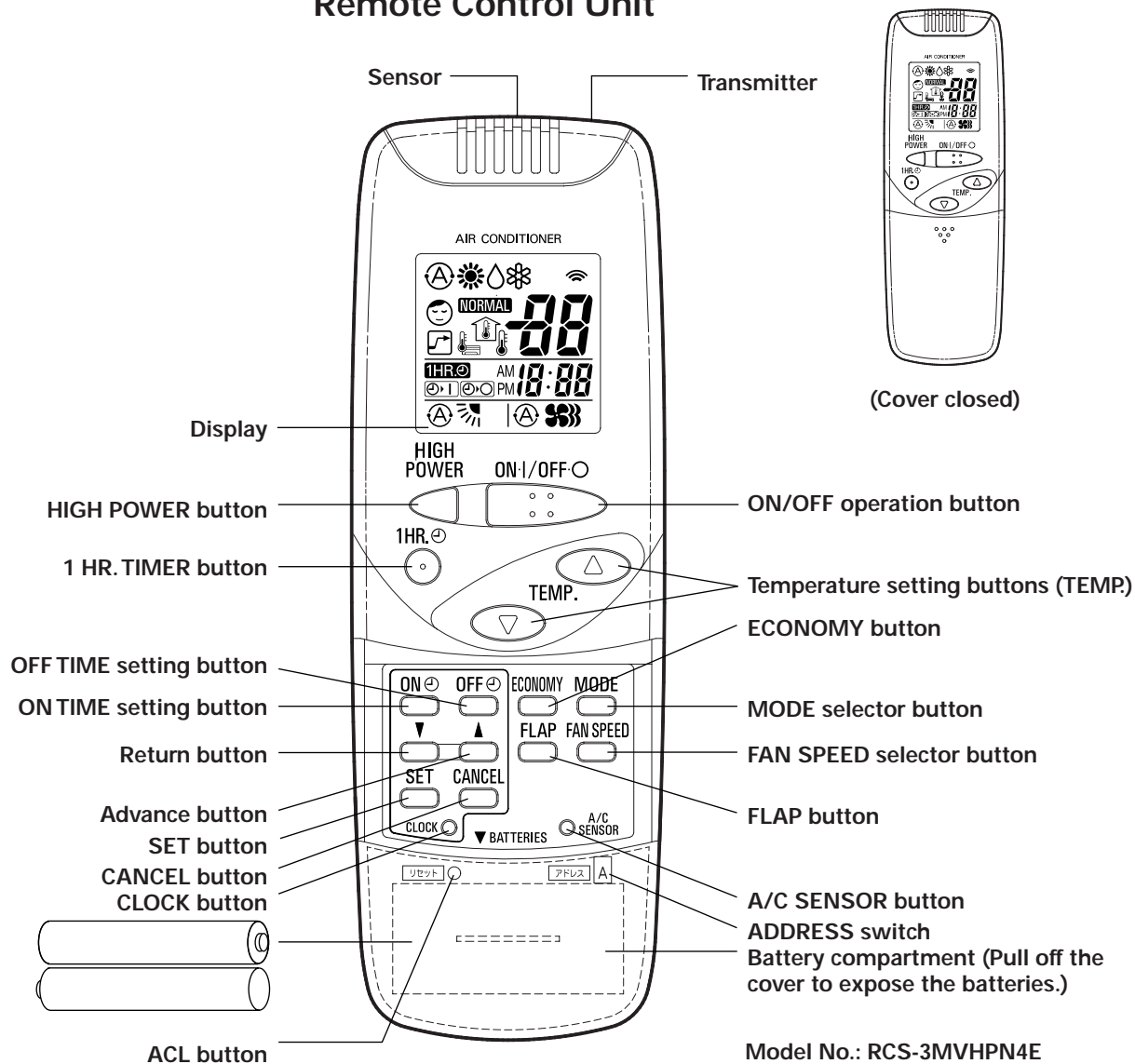
MEDIUM.....



LOW







Remote Control Unit












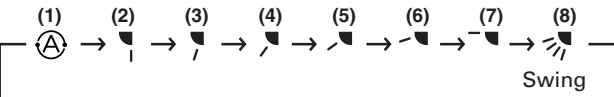






NOTE

The illustration above pictures the remote control unit after the cover has been lowered and removed.


Transmitter	When you press the buttons on the remote control unit, the  mark appears in the display to transmit the setting changes to the receiver in the air conditioner.
Sensor	A temperature sensor inside the remote control unit senses the room temperature.
Display	Information on the operating conditions is displayed while the remote control unit is switched on. If the unit is turned off, only the mode that was set previously is still displayed.
HIGH POWER button	 : When you press this button, the current operation mode is set to the HIGH POWER mode, and the unit is operated in this mode for 15 minutes.
ON/OFF operation button	This button is for turning the air conditioner on and off.
1 HR. TIMER button (1-HOUR OFF TIMER)	1HR. : When you press this button, regardless of whether the unit is operating or stopping, the unit operates for one hour and then shuts down.
Temperature setting buttons (TEMP)	Press the  button to increase the set temperature. Press the  button to reduce the set temperature. For details, see Automatic operation and Manual operation.

Remote Control Unit (continued)

<p>ONTIME/OFF TIME setting buttons</p>	<p>No display : The timer does not operate.</p> <p> : The air conditioner stops at the set time.</p> <p> : The air conditioner starts at the set time.</p> <p> : The air conditioner stops and starts, or starts and stops, at the set times every day. For details, see "Setting the Timer"</p>
<p>ECONOMY button</p>	<p>For details, see "ECONOMY Mode". When you press this button in the HEAT, DRY or COOL mode, the  mark appears in the display, and the remote control unit will automatically adjust the set temperature to save energy.</p>
<p>MODE selector button (AUTO)</p> <p>(HEAT)</p> <p>(DRY)</p> <p>(COOL)</p>	<p>Use this button to select AUTO, HEAT, DRY or COOL mode.</p> <p> : When this setting is selected, the air conditioner calculates the difference between the outdoor temperature and the room temperature and automatically switches to the "COOL", "DRY" or "HEAT" mode as appropriate.</p> <p> : The air conditioner makes the room warmer.</p> <p> : The air conditioner reduces the humidity in the room.</p> <p> : The air conditioner makes the room cooler.</p>
<p>FLAP button</p> <p>NOTE</p>	<p>Press this button either to select the setting of the airflow direction to the auto. flap in each mode or one of the six possible positions manually or to select the sweep function which moves the flap up and down automatically.</p> <p> : Auto flap setting: If selected in a heating operation, the flap is set to position (3) in the following chart. If selected in a cooling or dry operation, the flap is set at position (7) in the following chart.</p> <p> : The airflow direction can be set manually. (six positions)</p> <p> : The flap moves up and down automatically.</p> <p>When you press the FLAP button, the air flow direction will be changed one by one as follows.</p> <div style="text-align: center;">  </div>
<p>FAN SPEED selector button</p>	<p> : The air conditioner automatically decides the fan speeds.</p> <p> : High fan speed</p> <p> : Medium fan speed</p> <p> : Low fan speed</p>
<p>ACL button (ALL CLEAR)</p>	<p>Puts the remote control unit into pre-operation status. Always press this button after replacing the batteries.</p>

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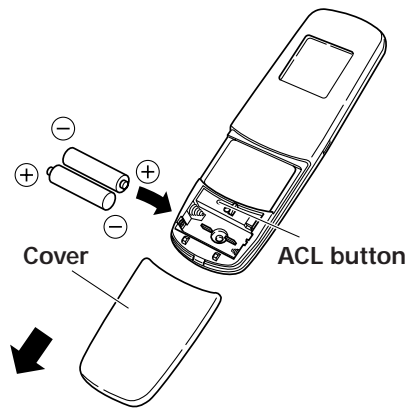
Remote Control Unit (continued)

ADDRESS switch	<ul style="list-style-type: none"> • Change the address switch to prevent mixing of signals from remote control units when two Sanyo air conditioners are installed next to each other. Normally, the address switch is set to A. When switching the address, take the steps listed below. Contact your dealer where you made the purchase if 3 or more Sanyo air conditioners are to be operated. ① Break off the address switching tabs on the remote control unit, and set the address switch to B. ② Insert batteries into the remote control unit, press the ACL button, and attach the cover. ③ Open the intake grille of the indoor unit, and set the operation knob to the DEMO position. ④ Press the ON/OFF operation button on the remote control unit, and check that a receiving tone (beep) is heard from the indoor unit. ⑤ Set the operation selector to the ON position, and close the intake grille. ⑥ Operate the remote control unit, and check that a receiving tone (beep) is heard from the indoor unit. <ul style="list-style-type: none"> • Normally, the tabs on the remote control unit should not be bent.
A/C SENSOR button	<p>When you press this button (use a small-tipped object such as a ballpoint pen), the  mark will appear at the display. And the room temperature is detected by the sensor which is built into the indoor unit and the air conditioner is controlled accordingly.</p> <p style="text-align: right;">NOTE</p> <p>If the remote control is located near a heat source, such as a space heater or in direct sunlight, press the A/C SENSOR button to switch to the sensor on the indoor unit.</p>

NOTE The remote control unit sends the temperature signal to the air conditioner regularly at five minute intervals. If the signal from the remote control unit stops for more than ten minutes due to the loss of the remote control unit or other trouble, the air conditioner will switch to the temperature sensor which is built into the indoor unit and control the room temperature. In these cases, the temperature around the remote control unit may differ from the temperature detected at the air conditioner's position.

Using the Remote Control Unit

How to Install Batteries



1. Slide the cover in the direction indicated by the arrow and remove it.
2. Install two AAA alkaline batteries. Make sure the batteries point in the direction marked in the battery compartment.
3. Use a thin object such as the tip of a pen to press the ACL button.

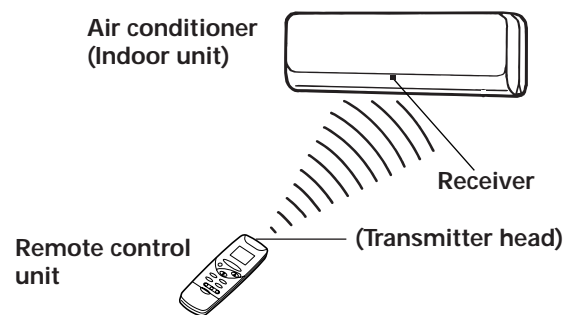
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NOTE

- The batteries last about six months, depending on how much you use the remote control unit. Replace the batteries when the remote control unit's display fails to indicate, or when the remote control cannot be used to change the air conditioner's settings.
- Use two fresh leak-proof type-AAA alkaline batteries.
- In replacing batteries, follow the instructions as mentioned in the sub-section "How to Install Batteries".
- If you do not use the remote control unit more than 1 month, take out the batteries.

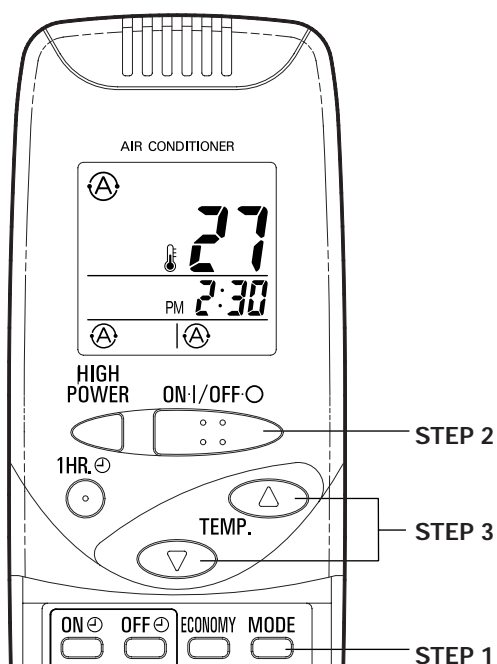
How to Use the Remote Control Unit

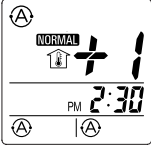
When using the remote control unit, always point the unit's transmitter head directly at the air conditioner's receiver.



Operation with the Remote Control Unit

1. Automatic Operation



STEP 1	Press the MODE selector button and select A (AUTO).								
STEP 2	Press the ON/OFF button and switch the air conditioner ON.								
STEP 3	<p>Press the temperature setting buttons (TEMP.).</p> <p>The air conditioner starts operating after automatically selecting the type of operation—whether heating, drying (dehumidifying) or cooling—that suits the conditions in the room, and automatically adjusting the temperature, fan speed and airflow direction.</p> <p>Standard temperature settings during automatic operation</p> <table border="1"> <thead> <tr> <th>Type of operation</th> <th>Standard temperature setting</th> </tr> </thead> <tbody> <tr> <td>Heating</td> <td>24 °C</td> </tr> <tr> <td>Drying</td> <td>20 °C to 26 °C range (The exact temperature depends on the prevailing temperature when the unit starts operating.)</td> </tr> <tr> <td>Cooling</td> <td>27 °C</td> </tr> </tbody> </table> <p>Each time one of the temperature setting buttons (TEMP.) is pressed, the temperature is changed by 1 °C.</p> <div style="display: flex; align-items: flex-start;">  <p>The temperature can be changed from +4 °C (higher) to -4 °C (lower) from the standard temperature setting. (The upper limit during cooling is 30 °C.)</p> </div>	Type of operation	Standard temperature setting	Heating	24 °C	Drying	20 °C to 26 °C range (The exact temperature depends on the prevailing temperature when the unit starts operating.)	Cooling	27 °C
Type of operation	Standard temperature setting								
Heating	24 °C								
Drying	20 °C to 26 °C range (The exact temperature depends on the prevailing temperature when the unit starts operating.)								
Cooling	27 °C								

Operation with the Remote Control Unit (continued)

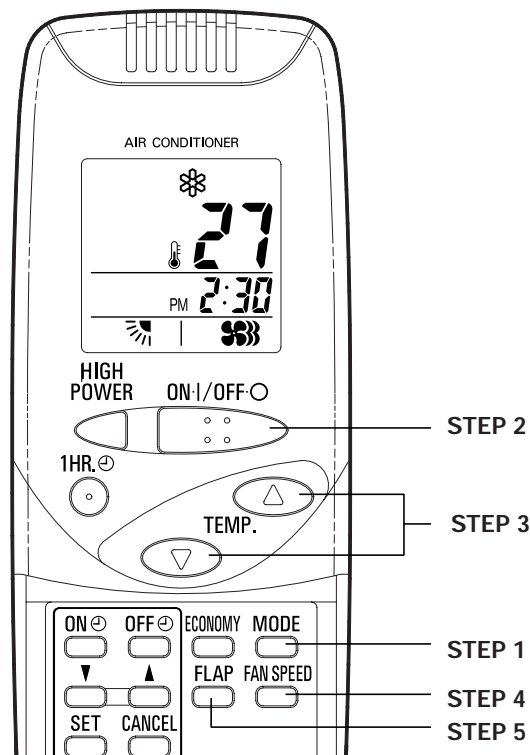
As shown in the figure below, the automatic selection of the operating modes is determined by the indoor temperature and outside air temperature.

		Indoor temperature			Temperature setting (standard)
		Approx. 15°C	Approx. 22°C	Approx. 27°C	
Outside air temperature	Approx. 22°C	Cooling operation			27°C
	Approx. 20°C				Drying operation
	Approx. 18°C	Heating operation			

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- When multiple indoor units are used and units in other rooms are already operating, they will be set to the same type of operation as the operating indoor units.
- The temperature, airflow direction and fan speed are set automatically but the airflow direction and fan speed can be changed to suit your individual preference. It will take a few seconds for the fan speed to be switched.

2. Manual Operation



NOTE

Check that the circuit breaker on the power panel is turned on and that the operation selector of the indoor unit is in the ON position.

Operation with the Remote Control Unit (continued)

STEP 1	<p>Press the MODE selector button and select the desired mode.</p> <p>For heating operation → ☀</p> <p>For dehumidifying operation → 💧</p> <p>For cooling operation → ❄</p>							
STEP 2	To start the air conditioner, press the ON/OFF operation button.							
STEP 3	<p>Press the temperature setting buttons to change the temperature setting to the desired temperature.</p> <p>Adjustable temperature range: 30 °C max. 16 °C min.</p> <p>NOTE</p> <ul style="list-style-type: none"> Room temperature control works to ensure that the temperature stabilizes within a range of ± 2 °C of the temperature setting. For this reason, the value displayed on the remote control unit may differ from the actual temperature setting. Before the temperature stabilizes, this difference may exceed the ± 2 °C range. The operating lamp of the indoor unit lights in one of the colors shown below. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td rowspan="3" style="padding: 5px;">Operating lamp</td> <td style="padding: 5px;">Heating</td> <td style="padding: 5px;">Red</td> </tr> <tr> <td style="padding: 5px;">Drying</td> <td style="padding: 5px;">Orange</td> </tr> <tr> <td style="padding: 5px;">Cooling</td> <td style="padding: 5px;">Green</td> </tr> </table>	Operating lamp	Heating	Red	Drying	Orange	Cooling	Green
Operating lamp	Heating		Red					
	Drying		Orange					
	Cooling	Green						
STEP 4	Set the FAN SPEED selector button to the setting you want. (Refer to "Adjusting the Airflow Direction" on page 23.)							
STEP 5	Press the FLAP button and set the airflow direction as desired. (Refer to "Adjusting the Airflow Direction" on page 23.)							

To stop the air conditioner, press the ON/OFF operation button again.





- After the cooling or drying operation has stopped, the indoor fan runs for about 30 seconds to dry out the inside of the air conditioner. (The operating lamps remain off.) The flap closes after the fan has stopped.
- If the room temperature rises above the temperature setting during a drying operation, the unit performs similar operation to cooling, and when the room temperature approaches the temperature setting, it performs the humidity-priority drying operation.
- The drying operation does not serve to raise the room temperature. (When the outside air temperature is low or when the heat quantity inside the room is low, the room temperature will not rise.)
- A change made to the temperature setting remains stored in the memory even after operation has stopped.
- If the temperature setting is lowered during a drying operation so that the unit has switched to a cooling operation, the outdoor unit shuts down for 3 minutes. (This happens only when one indoor unit is used.)
- When the unit is running in the drying operation mode while the temperature setting is higher than the room temperature, the humidity may not be reduced. In a case like this, select a temperature setting which is lower than the current room temperature, and perform the drying operation.

NOTE

This appliance has a built-in 3-minute time delay circuit to ensure reliable operation. When the operation button is pressed, the compressor will start running within three minutes. In the event of power failure, the unit will stop.

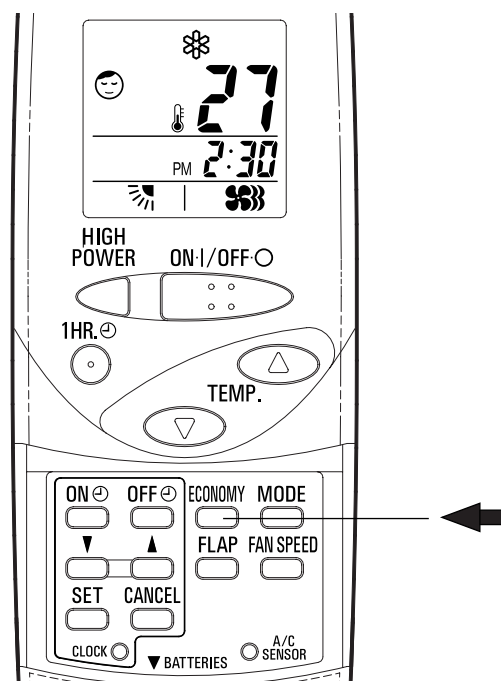
Operation with the Remote Control Unit (continued)

3. Adjusting the Fan Speed

- A. Automatic** Simply set the FAN SPEED selector button to the  position.
- B. Manual** If you want to adjust fan speed manually during operation, just set the FAN SPEED selector button as desired. [, , or ]

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4. ECONOMY Mode



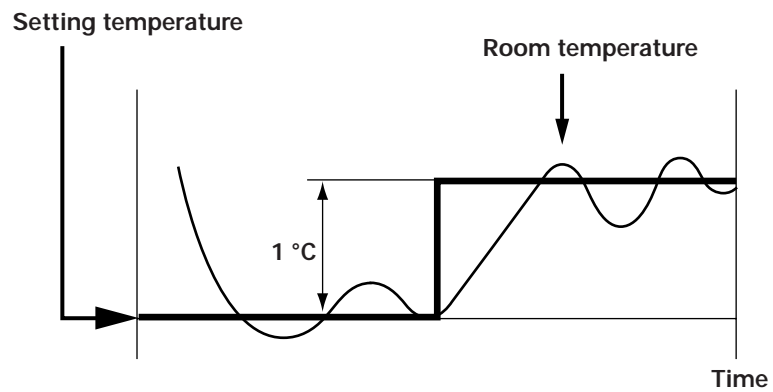
The **ECONOMY Mode** is used for saving energy.
Press the **ECONOMY** button while the air conditioner is operating.
The  mark appears in the display.

To cancel the **ECONOMY** function, press the **ECONOMY** button again.

Operation with the Remote Control Unit (continued)

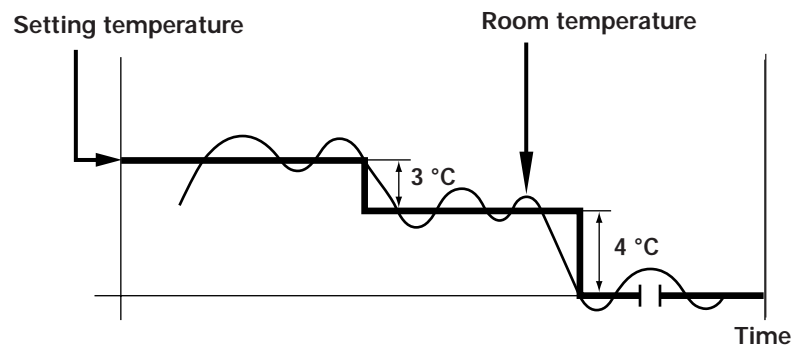
A. In Cooling and DRY Mode: (☼ and △)

When the ECONOMY mode is selected, the air conditioner automatically raises the temperature setting 1 °C when 60 minutes have passed after the selection was made. This enables you to save energy without sacrificing comfort. This function is convenient when gentle cooling is needed.



B. In Heating Mode: (☼)

When the ECONOMY mode is selected, the air conditioner automatically lowers the temperature setting 3 °C when 60 minutes have passed after the selection was made, and then another 4 °C after another 2 hours have passed, regardless of the indoor temperature when ECONOMY was selected. This enables you to save energy without sacrificing comfort. This function is convenient when gentle heating is needed.



NOTE The temperature does not shift in the Auto mode during ECONOMY mode.



Special Remarks

Power failure during operation

- In the event of power failure, the unit will stop. Though the power is resumed, the unit will not restart automatically. Press the ON/OFF operation button and restart the unit again.

Clicking Sound

Clicking sound is heard from the air conditioner

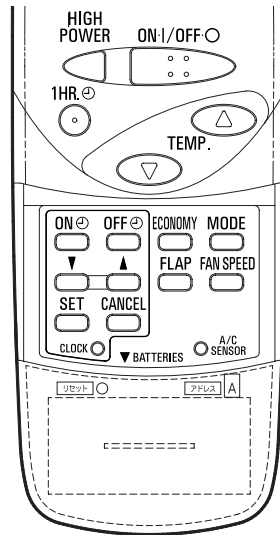
- In heating or cooling operation, any plastic parts may expand or shrink due to a sudden temperature change. In this event, a clicking sound may occur. This is normal, and the sound will soon disappear.

Remote Control Unit

- The remote control unit sends the setting condition to the air conditioner regularly at five minute intervals.

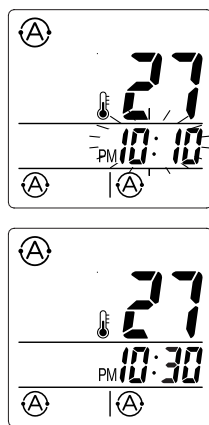
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Setting the Timer



1. How to set the present time

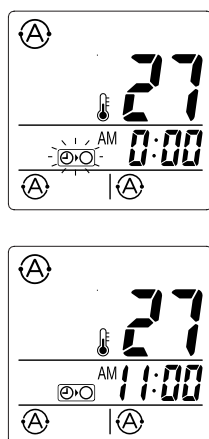
(Example) To set to 10:30 pm.



Operation	Indication
1. Press the CLOCK button three times.	The time indication alone blinks.
2. Press the Advance, Return (▲, ▼) button until PM 10:30 is displayed.	The time can be set in 1-minute increments. Holding down the button advances the time rapidly in 10-minute increments.
3. Press the CLOCK button again.	This completes the setting of the current time.

2. How to set the OFF time

(Example) To stop the air conditioner at 11:00 am.



1. Press the OFFTIME setting button once.	The timer (⊙) indication blinks and present OFF time is shown.
2. Press the Advance, Return (▲, ▼) button until AM 11:00 is displayed.	The time can be set in 10-minute increments. Holding down the button advances the time rapidly in 10-minute increments.
3. Press the SET button.	The timer (⊙) indication stops blinking and the present time is displayed.

Setting the Timer (continued)

NOTE

- The timer can be programmed while the unit is operating or while it is stopped.
- A timer program is canceled after the timer has operated. So the timer should be set every time programming operation is to be performed.
- The airflow direction, fan speed and temperature setting can be changed after a timer program has been set even when the unit is stopped. Even when operation is stopped during an ON timer program, the unit will start operating when the set time is reached provided that the program is not canceled.
- As a safeguard to prevent you forgetting to turn off the air conditioner, the unit's operation will be stopped if the remote control unit has not been operated for at least 25 hours after the ON timer starts.
- When the ON timer is used, the temperature setting may not be reached by the set time depending on the size and conditions in the room.

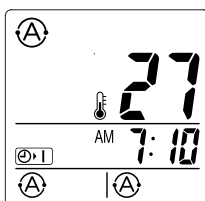
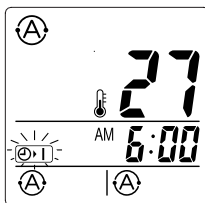
EG

To cancel a timer program

- Press the CANCEL button.
- When either an ON or OFF timer is to be canceled, press the button corresponding to the timer whose program is to be canceled, and then press the CANCEL button.

3. How to set the ON time

(Example) To start operation at 7:10 am.



Operation	Indication
1. Press the ON TIME setting button once.	The timer ⌚ indication blinks and present ON time is shown.
2. Press the Advance, Return (▲, ▼) button until AM 7:10 is displayed.	The time can be set in 10-minute increments. Holding down the button advances the time rapidly in 10-minute increments.
3. Press the SET button.	The timer ⌚ indication stops blinking and the present time is displayed.

NOTE

ON timer (comfort programming)

The unit starts operating automatically to attempt to change the temperature to the desired level by the set time. (The unit operates at the low fan speed from up to 60 minutes prior to the set time.)

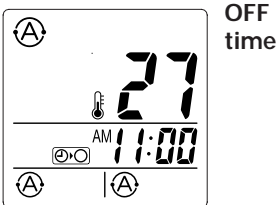
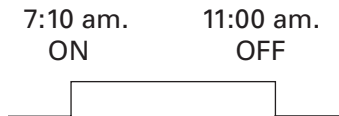
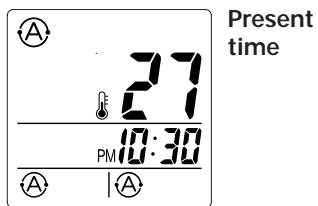
OFF timer

The unit stops operating at the set time.

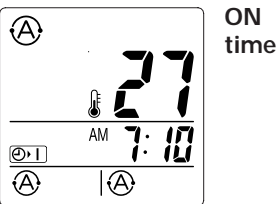
Setting the Timer (continued)

4. How to set DAILY ON/OFF REPEAT timer

(Example) To start operation at 7:10 am. and stop the air conditioner at 11:00 am.



Operation	Indication
1. Set the timer ON/OFF times as shown in 2-1, 2, 3 and 3-1, 2, 3.	The present time 10:30 pm. and are displayed.

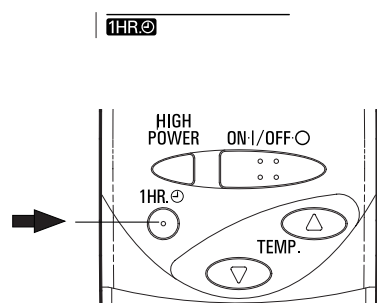


- NOTE**
- The ON/OFF combination timer uses the current time as the reference, and it is activated starting from whichever set time comes first.
 - With the ON/OFF combination timer, the settings are repeated every day.
 - You can check the timer ON/OFF times after you have set them by pressing the ONTIME and OFFTIME setting buttons.



Setting the 1-Hour OFF Timer

1. 1-Hour OFF Timer



This function causes the unit to operate for one hour and then stop, regardless of whether the unit is on or off when this button is pressed. The **1HR** indicator in the display indicates that this function is operating.

Setting the 1-Hour OFF Timer:

Regardless of whether the unit is operating or stopped, press the 1 HR. TIMER button.

1HR appears in the display.

Cancelling the 1-Hour OFF Timer:

Press the ON/OFF operation button to turn the unit off, wait for the unit to stop operating, and then press the ON/OFF operation button again. The 1-Hour Timer function is now cancelled and the unit operates normally.

NOTE

If, while the 1-Hour Timer function is operating, the 1 HR. TIMER button is pressed once to cancel the function and then again, the unit continues to operate for one hour from that point in time and then stops.

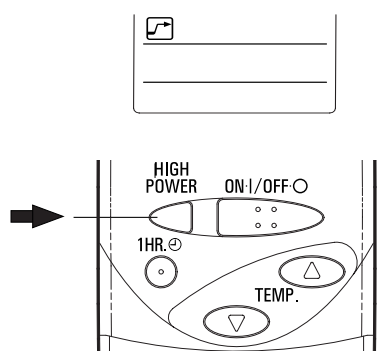
2. Operation together with the DAILY ON/OFF REPEAT Timer

- The 1 Hour OFF Timer setting is given priority over the DAILY ON/OFF REPEAT setting.
- It is not possible to use the OFF Timer and 1-Hour OFF Timer together. Whichever function is set last takes precedence. If the 1 HR. TIMER button is pressed while the TIMER OFF function operates, the OFF Timer is cancelled and the unit will stop operating one hour later.

EG

Setting the HIGH POWER Operation

1. HIGH POWER Operation



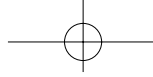
This function causes the unit to operate at HIGH POWER in the present mode of operation for 15 minutes when this button is pressed while the unit is on. The **HP** indicator on the display indicates that this function is operating.

Cancelling the HIGH POWER operation

HIGH POWER operation is canceled by pressing the ON/OFF operation button, HIGH POWER button (when it is pressed again) or MODE selector button, when the OFF time or HIGH POWER time setting is reached or when the ECONOMY mode operation is performed. The 15-minute timer is also cleared.

2. Operation together with the ECONOMY mode

It is not possible to use the HIGH POWER operation and ECONOMY mode operation together. Whichever function is set last takes precedence. If the HIGH POWER button is pressed while the ECONOMY mode is operating, the ECONOMY mode operation is cancelled and the unit will change to the HIGH POWER operation.



Setting the HIGH POWER Operation (continued)

NOTE

Concerning HIGH POWER operations

During a heating operation

- The room is heated for 15 minutes by warm air which has a slightly higher temperature than usual.
- When the HIGH POWER button is pressed during a defrosting operation, the unit enters the HIGH POWER operating mode upon completion of the defrosting operation.

When operating one indoor unit

During a cooling operation

- The room is cooled down for 15 minutes by cooling at a slightly lower temperature than usual, and the fan speed is set to the highest fan speed setting.

During a drying operation

- If the room temperature is higher than the temperature setting, the room is cooled down for 15 minutes by cooling at a slightly lower temperature than usual, and if it is close to the temperature setting, the drying operation is performed, and the fan speed is set to the highest fan speed setting.

When operating multiple indoor units

During a cooling or drying operation

- The room is cooled down for 15 minutes by cooling at a slightly lower temperature than usual, and the fan speed is set to the highest fan speed setting.
- When the unit is used continuously for 15 minutes, the temperature setting has been reached during a cooling or heating operation or the humidity setting has been reached during a drying operation (which is only when one indoor unit is operated), operation will continue for the next 5 minutes at a reduced power level, after which the regular operation is restored.
If the setting is not reached in either case, regular operation is restored immediately.
- After HIGH POWER operation has finished or when a HIGH POWER operation has been canceled on the way and then reinstated, regular operation is performed for about 5 minutes to protect the unit, and then the HIGH POWER operation is performed.
- During HIGH POWER operations, the room temperature may not coincide with the temperature setting.

Tips for Energy Saving

Do not

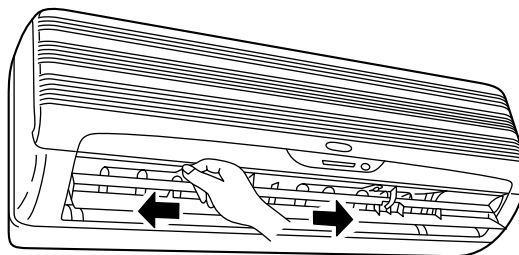
- **Block the air intake and outlet of the unit. If they are obstructed, the unit will not work well, and may be damaged.**
- Let direct sunlight into the room. Use sunshades, blinds or curtains. If the walls and ceiling of the room are warmed by the sun, it will take longer to cool the room.

Do

- **Always try to keep the air filter clean. (Refer to "Care and Cleaning") A clogged filter will impair the performance of the unit.**
- To prevent conditioned air from escaping, keep windows, doors and any other openings closed.

Adjusting the Airflow Direction

1. Horizontal The horizontal airflow can be adjusted by moving the vertical vanes with your hands to the left or right.



EG

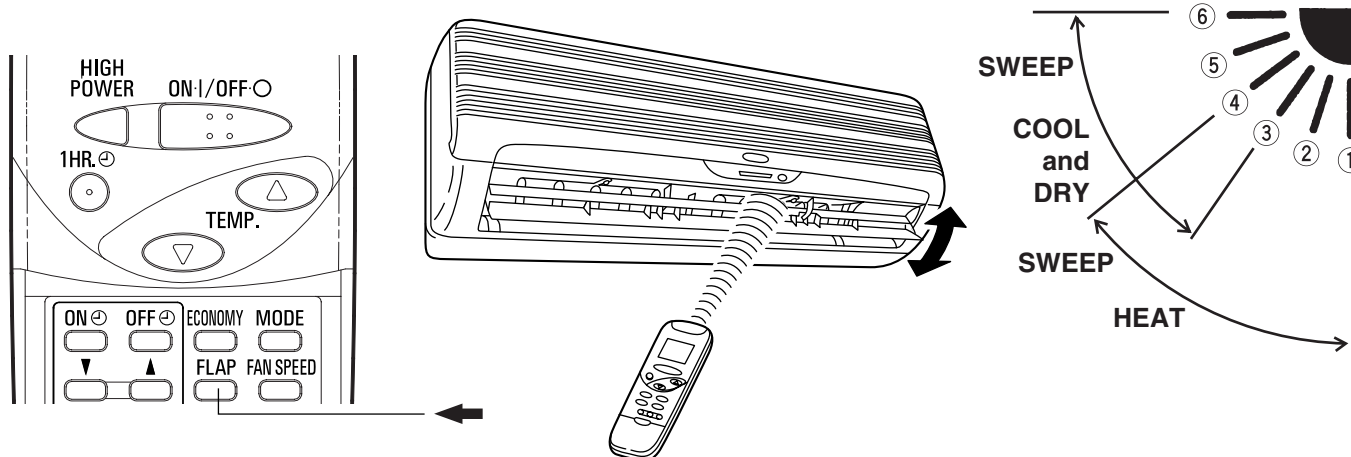


CAUTION

When the humidity is high, the vertical vanes should be in the front position during the cooling or dehumidifying operation. If the vertical vanes are positioned all of the way to the right or left, condensation may begin to form around the air vent and drip down.

2. Vertical

The vertical airflow can be adjusted by moving the flap with the remote control unit. Do not move the flap with your hands. Confirm that the remote control unit has been turned on. Use the FLAP button to set either the sweep function or one of the six airflow direction settings.



A. Sweep function



The flap starts moving up and down to deliver air over the sweep range.

B. Setting the airflow manually



Referring to the above illustration, use the FLAP button to set the airflow direction within the range used during the heating, cooling, or dehumidifying operation.

NOTE

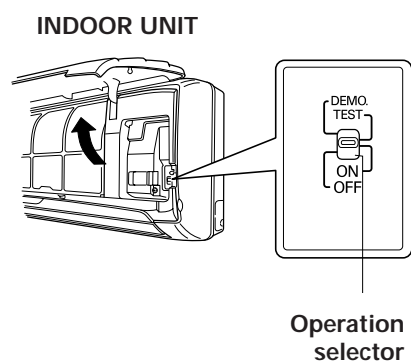
- The flap automatically closes when the unit is off.
- During the heating operation, the fan speed will be very low and the flap will be in the horizontal position (position ⑥) until the air being blown out of the unit begins to warm. Once the air warms up, the flap position and fan speed change to the settings specified with the remote control.



CAUTION

- Use the FLAP button on the remote control to adjust the position of the flap. If you move the flap by hand, the factual flap position and the flap position on the remote control may no longer match. If this should happen, shut off the unit, wait for the flap to close, and then turn on the unit again; the flap position will now be normal again.
- Do not have the flap pointed down during cooling and drying operation. Condensation may begin to form around the air vent and drip down.

Operation without the Remote Control Unit



If you have lost the remote control unit or it has trouble, follow the steps below.

1. When the air conditioner is not running
If you want to turn on the air conditioner, switch the operation selector to the OFF position, and then to the ON position.

NOTE The set temperature and fan speed are automatically set at the last selection before stopping.

2. When the air conditioner is running
If you want to turn off the air conditioner, switch the operation selector to the OFF position.

Care and Cleaning



WARNING

1. For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning.
2. Do not pour water on the indoor unit to clean it. This will damage the internal components and cause an electric shock hazard.

Casing and Grille
(Indoor Unit)

Clean the casing and grille of the indoor unit with a vacuum cleaner brush, or wipe them with a clean, soft cloth.

If these parts are stained, use a clean cloth moistened with a mild liquid detergent. When cleaning the grille, be careful not to force the vanes out of place.



CAUTION

1. Never use solvents, or harsh chemicals when cleaning the indoor unit. Do not wipe the plastic casing using very hot water.
2. Some metal edges and the fins are sharp and may cause injury if handled improperly; be especially careful when you clean these parts.
3. The internal coil and other components of the outdoor unit must be cleaned every year. Consult your dealer or service center.

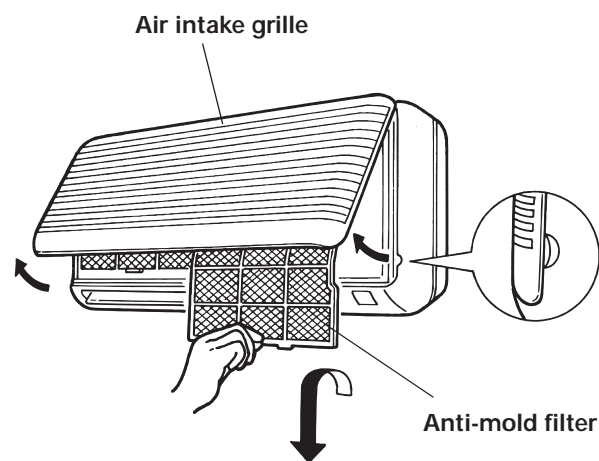
Care and Cleaning (continued)

Anti-Mold Filter

The anti-mold filter behind the air intake grille should be checked and cleaned at least once every two weeks.

How to remove the anti-mold filter

1. Grasp both ends of the air intake grille and pull it out and up.
2. Push the anti-mold filter up slightly, and then pull it down.



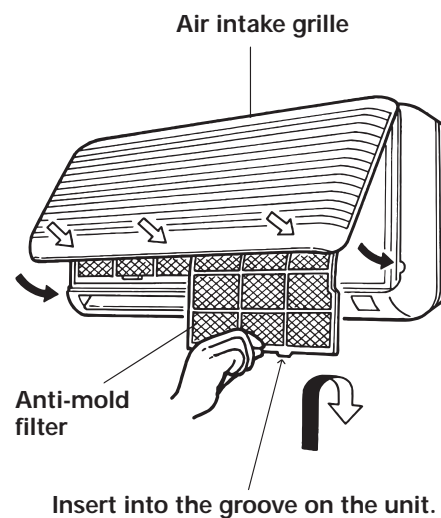
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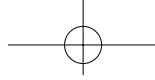
Cleaning

Use a vacuum cleaner to remove light dust. If there is sticky dust on the filter, wash the filter in lukewarm, soapy water, rinse it in clean water, and dry it.

How to replace the anti-mold filter

1. With the "FRONT" mark facing you, slide the anti-mold filter up into the unit and then lower the handle into the groove on the unit.
2. After installing the anti-mold filter, press the locations marked by the arrows (↓) and close the air intake grille.





Care and Cleaning (continued)

Air Cleaning Filter

The air cleaning filter removes dust and dirt from the air, and reduces odors and smoke from tobacco.



WARNING

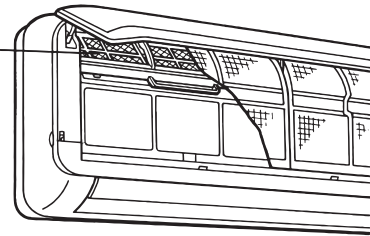
This air cleaning filter cannot remove harmful gases or vapors nor ventilate air in the room. You must open doors or windows frequently when you use gas or oil heating appliances. Otherwise there is a risk of suffocation in extreme cases.

How to install the air cleaning filter

The air cleaning filter needs to be installed behind the anti-mold filter.

1. Remove the anti-mold filter.
2. Install the air cleaning filter in the position shown in the figure.
3. Reinstall the anti-mold filter.

Air cleaning filter



NOTE

- In general, the filter should be replaced once every three months.
- Dirty air clean filters cannot be washed and reused. Purchase a replacement filter at your local dealer.

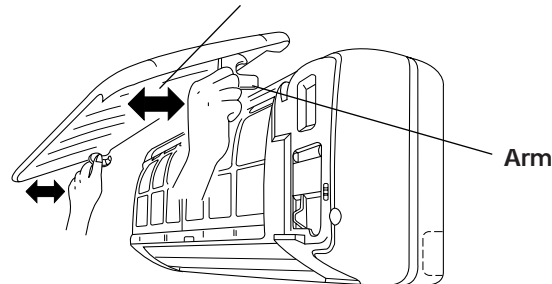
Cleaning the main unit and remote control unit

- Wipe clean using a soft, dry cloth.
- To remove stubborn dirt, moisten a cloth in warm water no hotter than 40 °C, wring thoroughly, and then wipe.
- The air intake grille can be removed in order to wash it with water.

Removing and remounting the air intake grille

- With the air intake grille open all the way, grip both arms with your hands and pull toward you to remove. To remount, hold the air intake grille roughly horizontal and push it in until the arm shafts fit into the indentations in the main unit, then fit the grille into place.

Air intake grille



CAUTION

When using a footstool or the like, be careful not to let it tip over.

Washing the grille with water

- Clean the grille gently using a soft sponge, or the like. Then wipe away any remaining moisture.
- Neutral detergent may be used to remove stubborn dirt. Then rinse thoroughly with water and wipe away any remaining moisture.

Troubleshooting

If your air conditioner does not work properly, first check the following points before requesting service. If it still does not work properly, contact your dealer or service center.

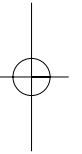
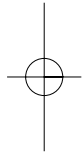
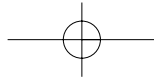
Trouble	Possible Cause	Remedy
Air conditioner does not run at all.	<ol style="list-style-type: none"> 1. Power failure. 2. Leakage circuit breaker tripped. 3. Line voltage is too low. 4. Operation button is OFF. 5. Batteries in remote control unit have run down. 	<ol style="list-style-type: none"> 1. Restore power. 2. Contact service center. 3. Consult your electrician or dealer. 4. Press the button again. 5. Replace batteries.
OPERATION lamp blinks and air conditioner does not operate.	Trouble in wiring system.	Contact service center.
Compressor runs but soon stops.	Obstruction in front of condenser coil.	Remove obstruction.
Poor cooling (or heating) performance.	<ol style="list-style-type: none"> 1. Dirty or clogged air filter. 2. Heat source or many people in room. 3. Doors and/or windows are open. 4. Obstacle near air intake or air discharge port. 5. Thermostat is set too high for cooling (or too low for heating). 6. (Outdoor temperature is too low for heating.) 	<ol style="list-style-type: none"> 1. Clean air filter to improve airflow. 2. Eliminate heat source if possible. 3. Shut them to keep the heat (or cold) out. 4. Remove it to ensure good airflow. 5. Set the temperature lower (or higher). 6. (Consult your dealer or try to use a back-up heater.)
Clicking sound is heard from the air conditioner.	In heating or cooling operation, any plastic parts may expand or shrink due to a sudden temperature change. In this event, a clicking sound may occur.	This is normal, and the sound will soon disappear.
OPERATION lamp lights but outdoor unit will not run.	1. The use of cellular phones near the air conditioner may cause disturbance to its normal operation.	<ol style="list-style-type: none"> 1. Turn off the power then restart the air conditioner after 1 minute. 2. Consult your dealer.

EG

Operating Range

The air conditioner is operable within the temperature ranges as listed below:

	Temperature	Indoor air temperature	Outdoor air temperature
COOLING	Max.	32 °C DB / 23 °C WB	43 °C DB
	Min.	19 °C DB / 14 °C WB	19 °C DB
HEATING	Max.	27 °C DB / 19 °C WB	24 °C DB / 18 °C WB
	Min.	16 °C DB / -WB	- / - 15 °C WB



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R.D. 28 Reyrieux BP 131 - 01601 Trévoux CEDEX France
Tél. 04.74.00.92.92 - Fax 04.74.00.42.00
R.C.S. Bourg-en-Bresse B 759 200 728

