

HITACHI

SPLIT TYPE AIR CONDITIONER

ENGLISH

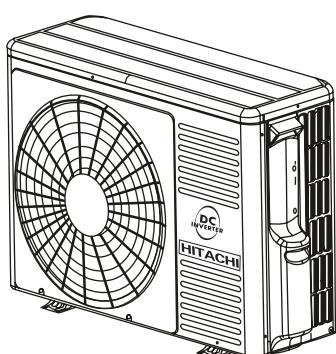
INDOOR UNIT/OUTDOOR UNIT



MODEL

RAS-DX24CHK/RAC-DX24CHK

OUTDOOR UNIT



RAC-DX24CHK

INDOOR UNIT



RAS-DX24CHK



Instruction manual

To obtain the best performance and ensure years of trouble free use, please read this instruction manual completely.

Page 1~24

使用說明書

請詳細閱讀這本使用說明書以了解正確的使用法，使機器長久發揮最高性能。

25~48頁

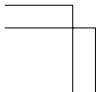
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SAFETY PRECAUTION

- Please read the "Safety Precaution" carefully before operating the unit to ensure correct usage of the unit.
 - Pay special attention to signs of "Warning" and "Caution". The "Warning" section contains matters which, if not observed strictly, may cause death or serious injury. The "Caution" section contains matters which may result in serious consequences if not observed properly. Please observe all instructions strictly to ensure safety.
 - The signs indicate the following meanings.
- | | | | |
|--|---|--|--|
| | Make sure to connect earth line. | | The sign in the figure indicates prohibition |
| | Indicates the instructions that must be followed. | | |
- Please keep this manual after reading.

PRECAUTIONS DURING INSTALLATION

	<ul style="list-style-type: none"> • Do not reconstruct the unit. Water leakage, fault, short circuit or fire may occur if you reconstruct the unit by yourself. 	
	<ul style="list-style-type: none"> • Please ask your sales agent or qualified technician for the installation of your unit. Water leakage, short circuit or fire may occur if you install the unit by yourself. 	
	<ul style="list-style-type: none"> • Please use earth line. Do not place the earth line near water or gas pipes, lightning-conductor, or the earth line of telephone. Improper installation of earth line may cause electric shock. 	
	<ul style="list-style-type: none"> • A circuit breaker should be installed depending on the mounting site of the unit. Without a circuit breaker, the danger of electric shock exists. 	
	<ul style="list-style-type: none"> • Do not install near location where there is flammable gas. The unit may catch fire if flammable gas leaks around it. 	
	<ul style="list-style-type: none"> • Please ensure smooth flow of water when installing the drain hose. 	

PRECAUTIONS DURING SHIFTING OR MAINTENANCE

	<ul style="list-style-type: none"> • Should abnormal situation arises (like burning smell), please stop operating the unit and turn off the circuit breaker. Contact your agent. Fault, short circuit or fire may occur if you continue to operate the unit under abnormal situation. 	
	<ul style="list-style-type: none"> • Please contact your agent for maintenance. Improper self maintenance may cause electric shock and fire. 	
	<ul style="list-style-type: none"> • Please contact your agent if you need to remove and reinstall the unit. Electric shock or fire may occur if you remove and reinstall the unit yourself improperly. 	
	<ul style="list-style-type: none"> • If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. 	

PRECAUTIONS DURING OPERATION

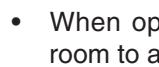
	<ul style="list-style-type: none"> • Avoid an extended period of direct air flow for your health. 	
	<ul style="list-style-type: none"> • Do not put objects like thin rods into the panel of blower and suction side because the high-speed fan inside may cause danger. 	
	<ul style="list-style-type: none"> • Do not use any conductor as fuse wire, this could cause fatal accident. 	
	<ul style="list-style-type: none"> • During thunder storm, disconnect and turn off the circuit breaker. 	

PRECAUTIONS DURING OPERATION

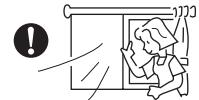
- The product shall be operated under the manufacturer specification and not for any other intended use.



- Do not attempt to operate the unit with wet hands, this could cause fatal accident.



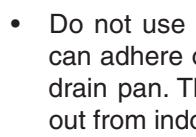
- When operating the unit with burning equipments, regularly ventilate the room to avoid oxygen insufficiency.



- Do not direct the cool air coming out from the air-conditioner panel to face household heating apparatus as this may affect the working of apparatus such as the electric kettle, oven etc.



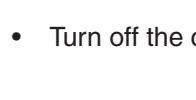
- Do not splash or direct water to the body of the unit when cleaning it as this may cause short circuit.



- Do not use any aerosol or hair sprays near the indoor unit. This chemical can adhere on heat exchanger fin and blocked the evaporation water flow to drain pan. The water will drop on tangential fan and cause water splashing out from indoor unit.



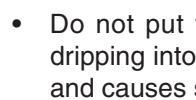
- Please switch off the unit and turn off the circuit breaker during cleaning, the high-speed fan inside the unit may cause danger.



- Turn off the circuit breaker if the unit is not to be operated for a long period.



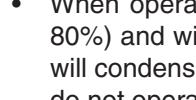
- Do not climb on the outdoor unit or put objects on it.



- Do not put water container (like vase) on the indoor unit to avoid water dripping into the unit. Dripping water will damage the insulator inside the unit and causes short-circuit.



- Do not place plants directly under the air flow as it is bad for the plants.

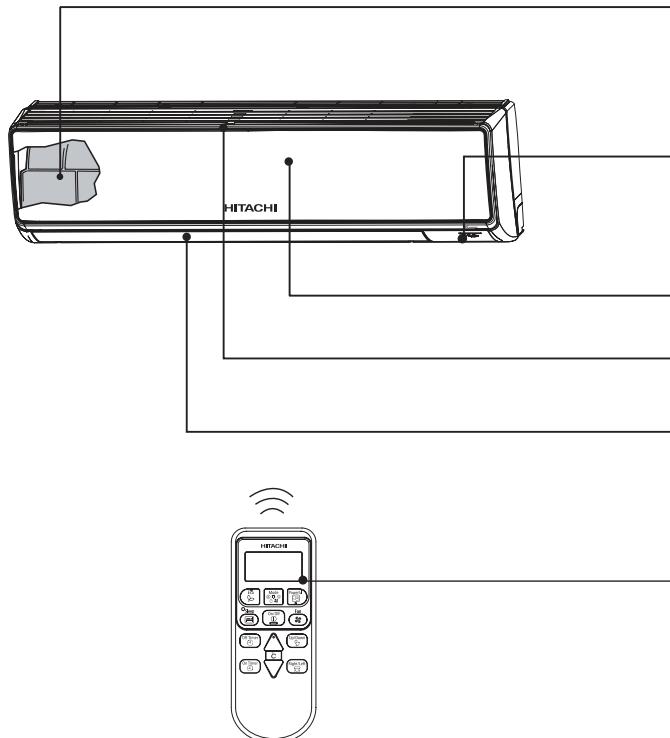


- When operating the unit with the door and windows opened, (the room humidity is always above 80%) and with the air deflector facing down or moving automatically for a long period of time, water will condense on the air deflector and drips down occasionally. This will wet your furniture. Therefore, do not operate under such condition for a long time.
- If the amount of heat in the room is above the cooling or heating capability of the unit (for example: more people entering the room, using heating equipments and etc.), the preset room temperature cannot be achieved.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use this appliance safely.
- Young children should be supervised to ensure that they do not play with the appliance.

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NAMES AND FUNCTIONS OF EACH PART

INDOOR UNIT



AIR FILTER

To prevent dust from coming into the door unit.
(Refer page 19)

INDOOR UNIT INDICATORS

Light indicator showing the operating condition.
(Refer page 6)

FRONT PANEL

SUPPORT PANEL

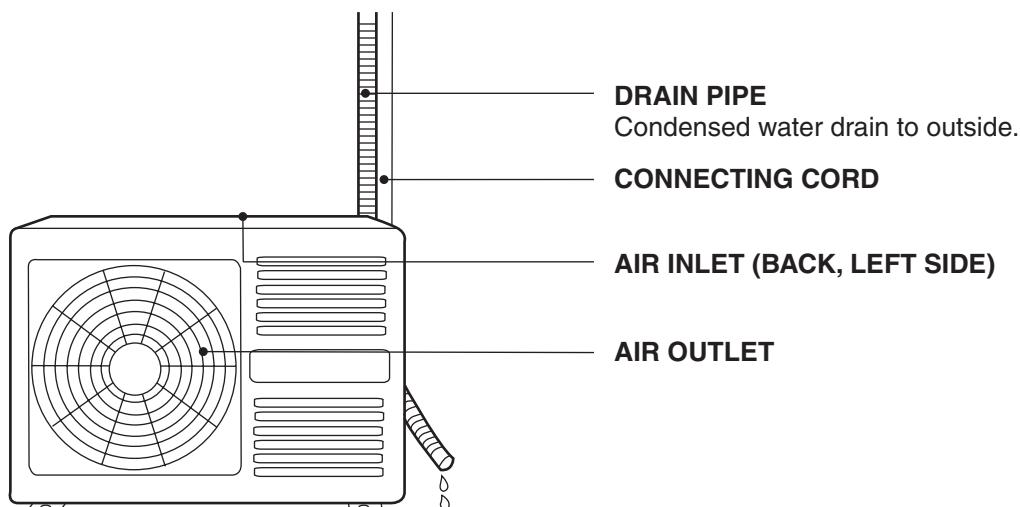
HORIZONTAL DEFLECTOR • VERTICAL DEFLECTOR (AIR OUTLET)

(Refer page 16)

REMOTE CONTROL

Send out operation signal to the indoor unit. So as to operate the whole unit.
(Refer page 7)

OUTDOOR UNIT



DRAIN PIPE

Condensed water drain to outside.

CONNECTING CORD

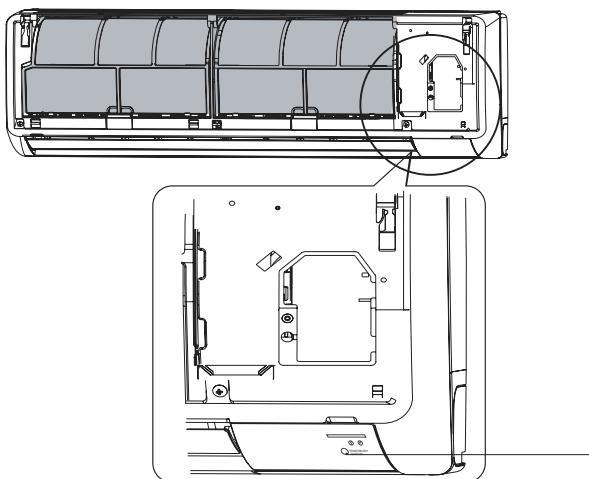
AIR INLET (BACK, LEFT SIDE)

AIR OUTLET

MODEL NAME AND DIMENSIONS

MODEL	WIDTH(mm)	HEIGHT(mm)	DEPTH(mm)
RAS-DX24CHK	1050	290	220
RAC-DX24CHK	792	600	299

OPERATION INDICATOR

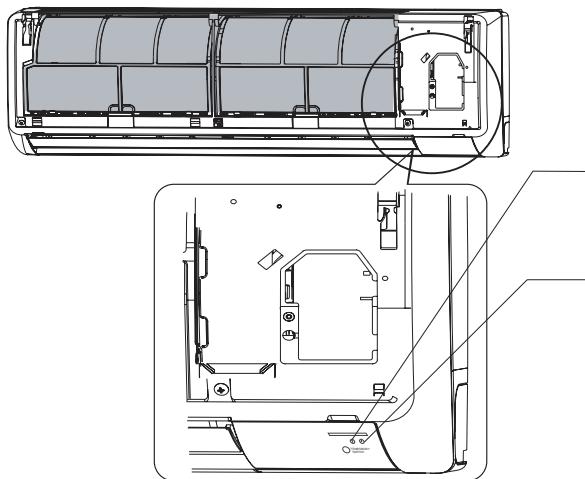


TEMPORARY SWITCH

Use this switch to start and stop when the remote controller does not work.

- By setting the temporary switch, the operation is done in previously set operation mode.
- When the operation is done using the temporary switch after the power source is turned off and turn on again, the operation is done in automatic mode.

INDOOR UNIT INDICATORS



Operation Lamp (YELLOW)

This lamp lights during operation.

Timer Lamp (ORANGE)

This lamp lights when the timer is working. The lamp flashes periodically when any abnormality occurs in the unit.

CAUTION

Turn off the circuit breaker or power switch if the unit is not be operated for a long period.

OPERATION INDICATOR

TEMPORARY SWITCH

When the remote control device is not functioning, use the Temporary Switch mode

- (1) When the Temporary Switch is pressed, the unit will operate as per the previous setting.
When the operation is done using the temporary switch after the power source is turned off and turn on again, the operation is done in automatic mode.
- (2) Press the Temporary Switch a second time will stop the operations of the air conditioner unit.

AUTO RESTART FUNCTION

In the event of power failure, the air conditioner will restart automatically.

In the event of power failure during TIMER operation, the timer will be reset and the unit will begin or stop operating under a new timer setting.

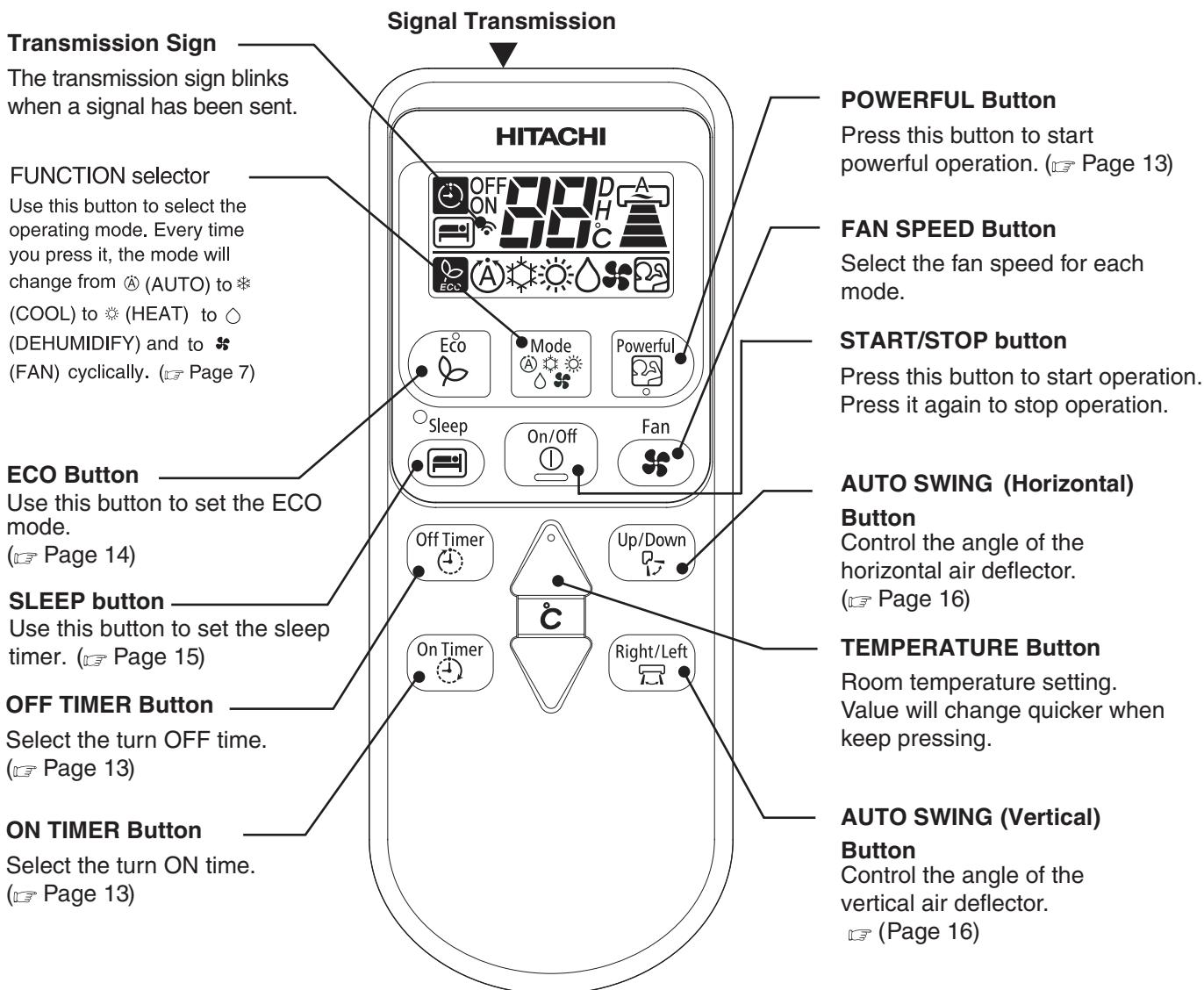
AUTOMATIC OPERATION

Heating	<ul style="list-style-type: none">• Performs heating operation when the room temperature is below 23°C. Set the temperature to be around 23°C.
Dehumidifying	<ul style="list-style-type: none">• Performs dehumidifying operation when the room temperature is 23~27°C. The preset temperature will be the room temperature at the time of start of air conditioner operation.
Cooling	<ul style="list-style-type: none">• Performs cooling operation when the room temperature is above 27°C. Set the temperature to be around 27°C.

NAMES AND FUNCTIONS OF REMOTE CONTROLLER

REMOTE CONTROLLER

- This controls the operation of the indoor unit.
Signal range to reach air-conditioner is about 7 meters. If indoor lighting is controlled electronically, the range of control may be shorter, in some cases, the control signal may not be received.
- This unit can be fixed on a wall using the fixture provided. Before fixing it, make sure the indoor unit can be controlled from the remote controller.
- Handle the remote controller with care.
Dropping it or getting it wet may compromise its signal transmission capability.



Precautions for Use

- Do not put the remote controller in the following places.
 - In direct sunlight
 - In the vicinity of a heater.
- Handle the remote controller carefully. Do not drop it on the floor, and away from water.
- Once the outdoor unit stops, it will not restart for about 3 minutes (unless you turn the power switch off and on).
This is to protect the device and does not indicate a failure.
- If you press the FUNCTION selector button during operation, the device may stop for about 3 minutes for protection.

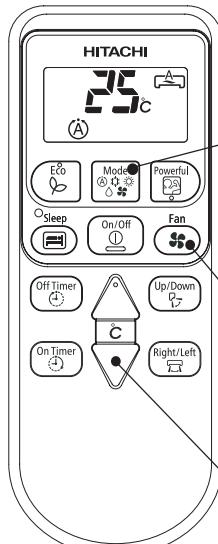
VARIOUS FUNCTIONS

■ Auto Restart Control

- If there is a power failure, operation will be automatically restarted when the power is resumed with previous operation mode and airflow direction.
(As the operation is not stopped by remote controller.)
 - If you intend not to continue the operation when the power is resumed, switch off the power supply. When you switch on the circuit breaker, the operation will be automatically restarted with previous operation mode and airflow direction.
- Note: 1. If you do not require Auto Restart Control, please consult your sales agent.
2. Auto Restart Control is not available when Timer or Sleep Timer mode is set.

AUTOMATIC OPERATION

The device will automatically determine the mode of operation, HEAT or COOL depending on the current room temperature. The selected mode of operation will change when the room temperature varies.



1

Press the MODE selector button so that the display indicates the (AUTO) mode of operation.

- When AUTO has been selected, the device will automatically determine the mode of operation, HEAT or COOL depending on the current room temperature.
- If the mode automatically selected by the unit is not satisfactory, manually change the mode setting (HEAT, DEHUMIDIFY, COOL or FAN).

2

Set the desired FAN SPEED with the (FAN SPEED) button (the display indicates the setting).



3

Set the desired room temperature with the TEMPERATURE buttons (the display indicates the setting).

The temperature setting and the actual room temperature may vary depending on conditions.

**START
STOP**

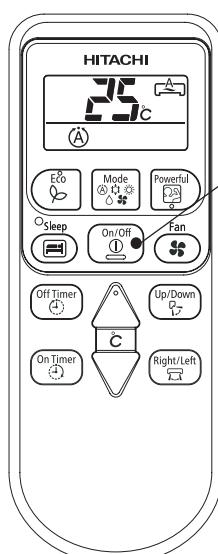
Press the (START/STOP) button.

Operation starts with a beep.

Press the button again to stop operation.

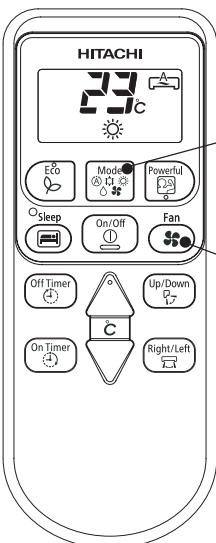
- As the settings are stored in the memory of the remote controller, you only have to press the (START/STOP) button next time.

Press the (FAN SPEED) button to select AUTO, HIGH, MED, LOW or SILENT.



HEATING OPERATION

- Use the device for heating when the outdoor temperature is under 27°C.
When it is too warm (over 27°C), the heating function may not work in order to protect the device.
- In order to keep reliability of the device, please use this device above -2°C of the outdoor temperature.



1

Press the FUNCTION selector so that the display indicates ☀ (HEAT).

2

Set the desired FAN SPEED with the ☁ (FAN SPEED) button (the display indicates the setting).

- AUTO : The fan speed changes automatically according to the temperature of the air which blows out.
- HI : Economical as the room will become warm quickly.
But you may feel a chill at the beginning.
- MED : Quiet.
- LOW : More quiet.
- SILENT : Silent.

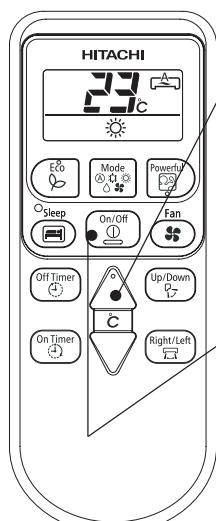
3

Set the desired room temperature with the TEMPERATURE buttons (the display indicates the setting).

START
STOP

The temperature setting and the actual room temperature may vary somewhat depending on conditions.

- Press the ① (START/STOP) button. Heating operation starts with a beep. Press the button again to stop operation.
- As the settings are stored in memory in the remote controller, you only have to press the ① (START/STOP) button next time.



■ Defrosting

Defrosting will be performed about once an hour when frost forms on the heat exchange of the outdoor unit, for 5~10 minutes each time.

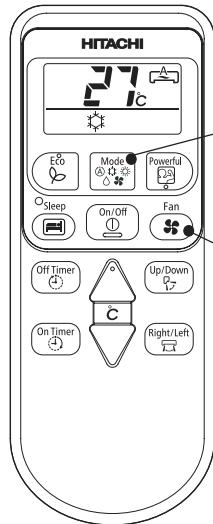
During defrosting operation, the operation lamp blinks in cycle of 3 seconds on and 0.5 second off.

The maximum time for defrosting is 20 minutes.

(If the piping length used is longer than usual, frost will likely to form.)

COOLING OPERATION

Use the device for cooling when the outdoor temperature is 7 to 43°C.
If humidity is very high (over 80%) indoors, some dew may form on the air outlet grille of the indoor unit.



1

Press the FUNCTION selector so that the display indicates * (COOL).

2

Set the desired FAN SPEED with the (FAN SPEED) button (the display indicates the setting).

- (AUTO) : The FAN SPEED is HI at first and varies to MED or LOW or SILENT automatically when the preset temperature has been reached.
- (HI) : Economical as the room will become cool quickly.
- (MED) : Quiet.
- (LOW) : More quiet.
- (SILENT) : Silent.

3

Set the desired room temperature with the TEMPERATURE buttons (the display indicates the setting).

The temperature setting and the actual room temperature may vary somewhat depending on conditions.

START
STOP

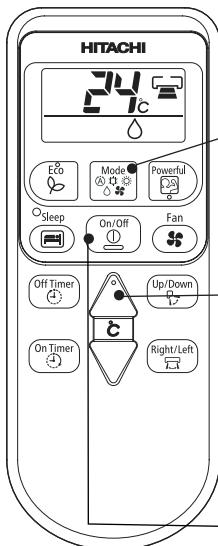
Press the ① (START/STOP) button. Cooling operation starts with a beep. Press the button again to stop operation. The cooling function does not start if the temperature setting is higher than the current room temperature (even though the ① (OPERATION) lamp lights).

The cooling function will start as soon as you set the temperature below the current room temperature.

- As the settings are stored in memory in the remote controller, you only have to press the ① (START/STOP) button next time.

DEHUMIDIFYING OPERATION

Use the device for dehumidifying when the room temperature is over 16°C.
When it is under 15°C, the dehumidifying function will not work.



1 Press the FUNCTION selector so that the display indicates
○ (DEHUMIDIFY).
Press the (FAN SPEED) button to select LOW and SILENT.

2 Set the desired room temperature with the TEMPERATURE button (the display indicates the setting).



The range of 20-26°C is recommended as the room temperature for dehumidifying.

**START
STOP**

Press the ① (START/STOP) button.

- When you want to change the operation mode, please use the FUNCTION selector.
- Set the desired temperature is available.

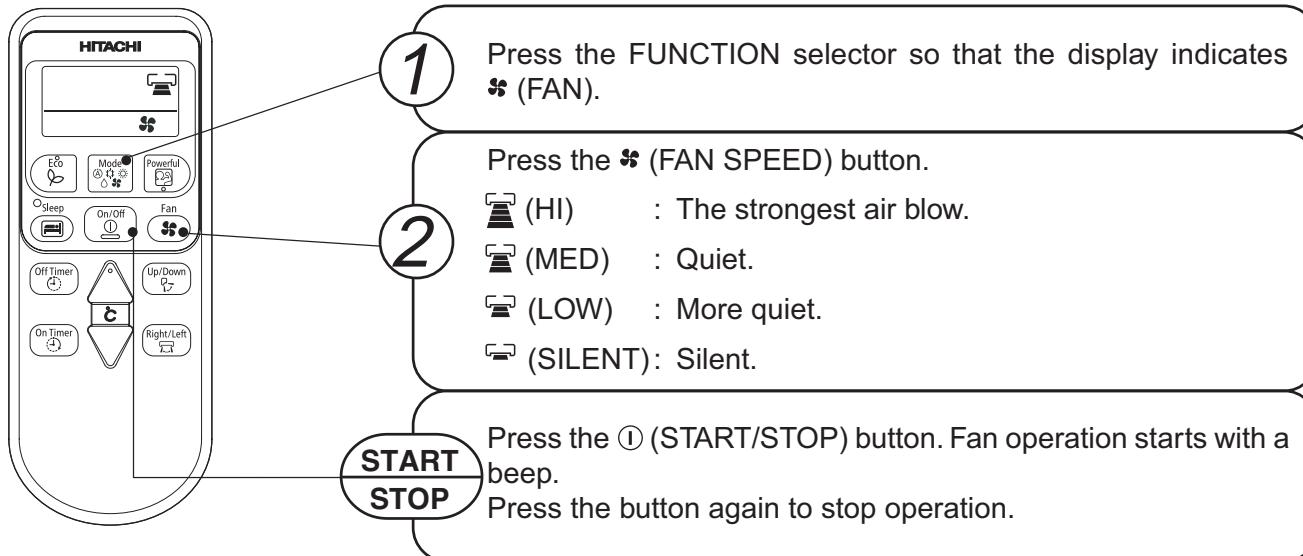
■ Dehumidifying Function

When the room temperature is higher than the temperature setting: The device will dehumidify the room, reducing the room temperature to the preset level.

When the room temperature is lower than the temperature setting: Dehumidifying will be performed at the temperature setting slightly lower than the current room temperature, regardless of the temperature setting. The function will stop (the indoor unit will stop emitting air) as soon as the room temperature becomes lower than the setting temperature.

FAN OPERATION

You can use the device simply as an air circulator. Use this function to dry the interior of the indoor unit at the end of summer.



FAN SPEED (AUTO)

... When the AUTO fan speed mode is set in the cooling operation:

For the heating operation	<ul style="list-style-type: none">• The fan speed will automatically change according to the temperature of discharged air.• As room temperature reaches the preset temperature, a very light breeze will blow.
For the cooling operation	<ul style="list-style-type: none">• Operation starts in the "HI" mode to reach the preset temperature.• As room temperature approaches the preset temperature, fan speed automatically switches to "LOW".

TIMER RESERVATION

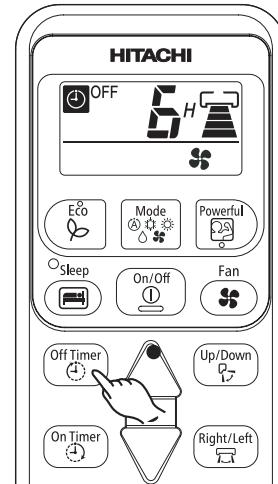
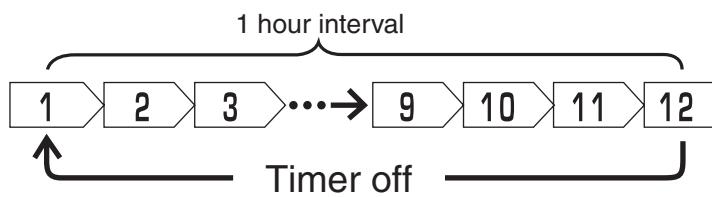
■ ON Timer and OFF Timer are available.

■ Operation stop at setting time

Timer Reservation

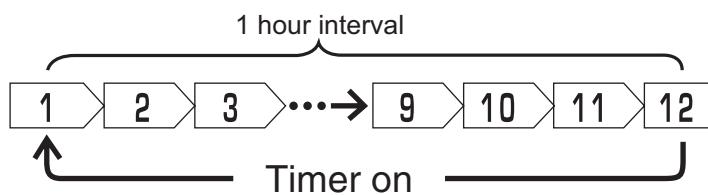
1 OFF TIME setting

- Select the OFF TIME by pressing the (OFF) Button.
- Setting time will change according to the below sequence when you press the button.

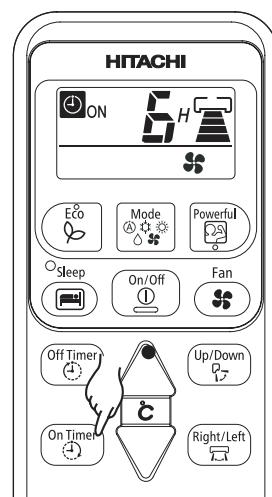


2 ON TIME setting

- Select the ON TIME by pressing the (ON) Button.
- Setting time will change according to the below sequence when you press the button.

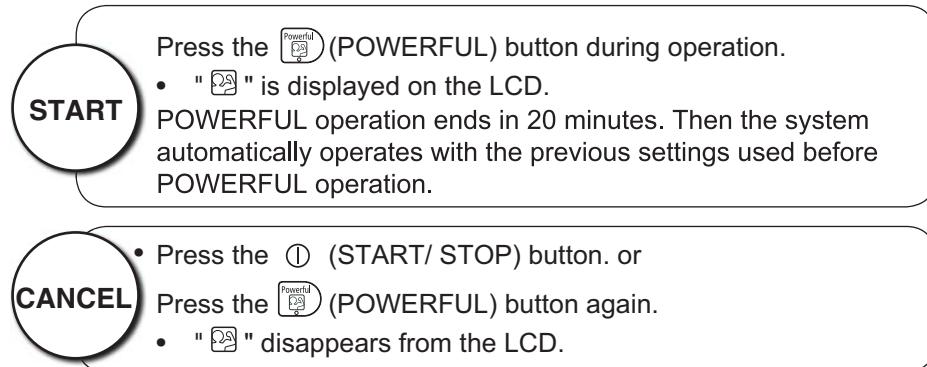
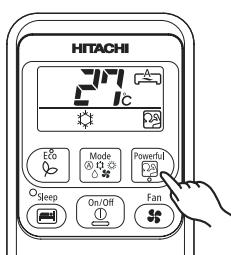


■ Operation will start for setting temperature at setting time
(The starting time may different depending on the room temperature and set temperature).



POWERFUL OPERATION

- By pressing (POWERFUL) button during HEATING, DEHUMIDIFYING, COOLING, FAN, operation, the air conditioner performs at maximum power. By the way target temperature will reduce during dehumidifying operation.
- During POWERFUL operation, cooler air will be blown out from indoor unit for COOLING or operation respectively.

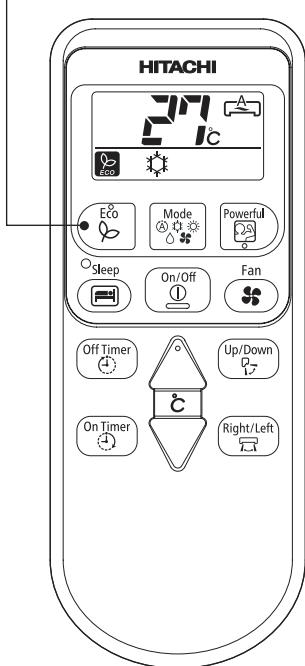


NOTE

- When ECO mode is selected, POWERFUL operation is cancelled.
- During POWERFUL operation, capacity of the air conditioner will not increase
 - if the air conditioner is already running at maximum capacity.
 - just before defrost operation (when the air conditioner is running in HEATING operation).
- After auto restart, POWERFUL operation is cancelled and previous operation shall start.

ECO OPERATION

- Energy saving operation by changing set temperature and by limiting the maximum power consumption value.



By pressing the (ECO) button during Heating, Automatic Dehumidifying or Cooling operation, the air conditioner performs the "ECO" operation.



- Press (ECO) button during operation.
- " " is displayed on the LCD.
- Energy saving operation will start by changing the set temperature higher and saving operation power consumption.



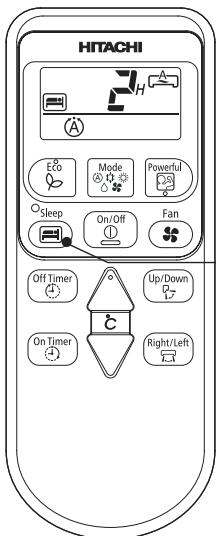
- Press (START/STOP) button.
- Press (ECO) button again.
- " " disappears from the LCD.

NOTE

- In case the power consumption is already low, ECO operation will not reduce the power consumption.
- By pressing (POWERFUL) button, ECO operation is cancelled.
- After auto restart, ECO operation is cancelled and previous operation mode shall start.

HOW TO SET THE SLEEP TIMER

By pressing (SLEEP) button during AUTO, HEATING, DEHUMIDIFYING, COOLING or FAN operation, the unit shifts the room temperature and reduces the fan speed.



Mode	Indication
Sleep Timer	→ 1 hour → 2 hours → 3 hours → 7 hours Sleep timer off ←

Sleep Timer: The device will continue working for the desired number of hours and then turn off.
Point the signal window of the remote controller toward the indoor unit, and press the SLEEP button.
The timer information will be displayed on the remote controller. The TIMER lamp lights with a beep from the indoor unit.

To cancel SLEEP TIMER operation.

- Press (On/Off) (START/STOP) button. Room air conditioner will switch off.
- Press (SLEEP) button again until off time, “ ” and number of hour disappear from the remote controller display.
- A beep sound emitted from indoor unit and the (TIMER) lamp on the indoor unit turns off.
- SLEEP TIMER operation is cancelled.

NOTE

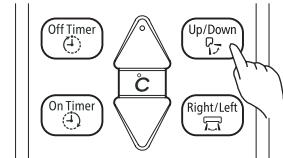
If you set the sleep timer when the off-timer or on-timer has been set earlier, the sleep timer becomes effective instead of the off-timer or on-timer set earlier.

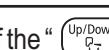
ADJUSTING THE AIR DEFLECTORS

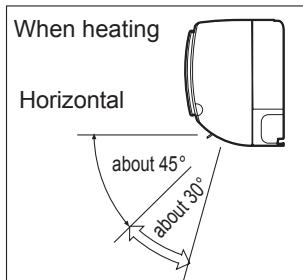
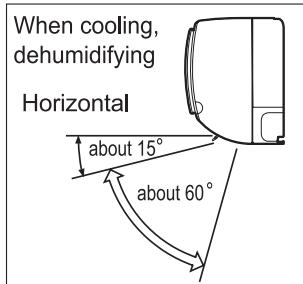
1

Adjustment of the conditioned air in the upward and downward directions.

The horizontal air deflector is automatically set to the proper angle suitable for each operation. The deflector can be swung up and down continuously and also set to the desired angle using the “ (AUTO SWING(HORIZONTAL))” button.



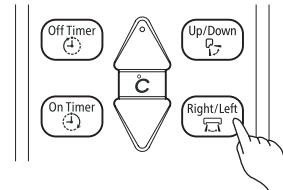
- If the “ (AUTO SWING(HORIZONTAL))” button is pressed once, the horizontal air deflector swings up and down. If the button is pressed again, the deflector stops in its current position.
- Use the horizontal air deflector within the adjusting range shown in the right.
- When the operation is stopped, the horizontal air deflector moves and stops at the position where the air outlet closes.



2

Adjustment of the conditioned air to the left and right.

- If the “ (AUTO SWING(VERTICAL))” button is pressed once, the deflectors will start to swing right and left. If the button is pressed again, the deflector will stop in the current position.



HOW TO EXCHANGE THE BATTERIES IN THE REMOTE CONTROLLER

1

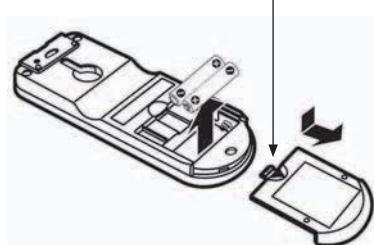
Remove the cover as shown in the figure and take out the old batteries.



2

Install the new batteries.
The direction of the batteries should match the marks in the case.

Push and pull to the direction of arrow



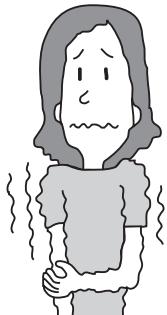
CAUTION

1. Do not use new and old batteries, or different kinds of batteries together.
2. Take out the batteries when you do not use the remote controller for 2 or 3 months.
3. Use high quality and high performance AAA batteries to avoid short operating life and electrolyte leakage.



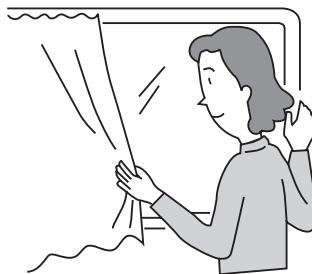
THE IDEAL WAYS OF OPERATION

Suitable Room Temperature



Warning
Freezing temperature is bad for health and a waste of electric power.

Install curtain or blinds



It is possible to reduce heat entering the room through windows.

Ventilation

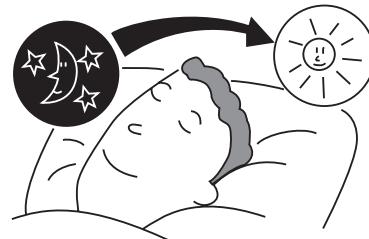
Caution

Do not close the room for a long period of time. Occasionally open the door and windows to allow the entrance of fresh air.



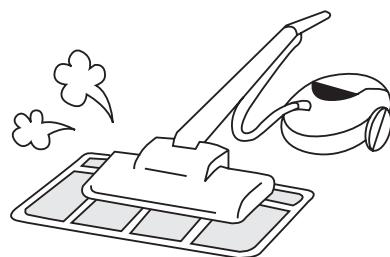
Effective Usage Of Timer

At night, please use the “sleep timer operation mode”, together with your wake up time in the morning. This will enable you to enjoy a comfortable room temperature. Please use the timer effectively.



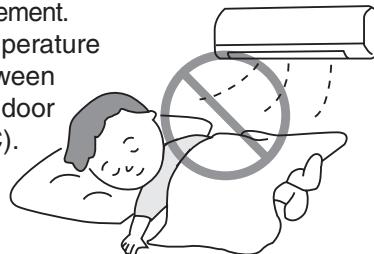
Do Not Forget To Clean The Air Filter

Dusty air filter will reduce the air volume and the cooling efficiency. To prevent from wasting electric energy, please clean the filter every 2 weeks.



Please Adjust Suitable Temperature For Baby And Children

Please pay attention to the room temperature and air flow direction when operating the unit for baby, children and old folks who have difficulty in movement.
(The ideal temperature difference between outdoor and indoor is about $\pm 5^{\circ}\text{C}$).



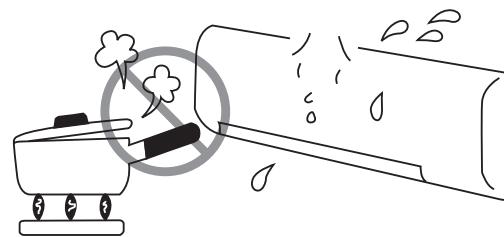


FOR USER'S INFORMATION

The Air Conditioner And The Heat Source In The Room

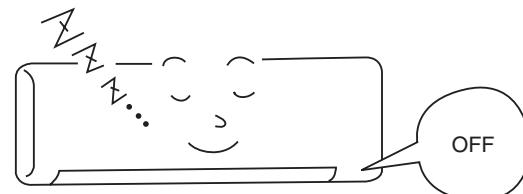
Caution

If the amount of heat in the room is above the cooling capability of the air conditioner (for example: more people entering the room, using heating equipments and etc.), the preset room temperature cannot be achieved.



Not Operating For A Long Time

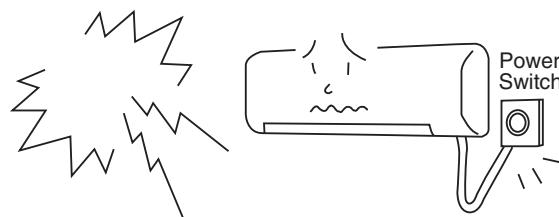
When the indoor unit is not to be used for a long period of time, please turn off power switch. Or the indoor unit still consumes about 1W in the operation control circuit even if it is in "OFF" mode.



When Lightning Occurs

Warning

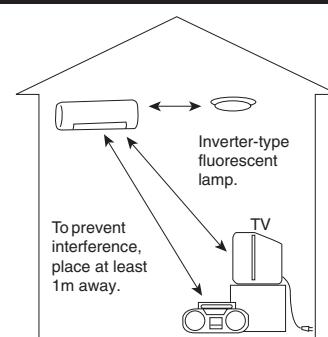
To protect the whole unit during lightning, please stop operating the unit and turn off the power switch.



Interference From Electrical Products

Caution

To avoid noise interference, please place the indoor unit and its remote controller at least 1m away from electrical products.



MAINTENANCE OF THE UNITS

CAUTION

Ensure that the unit is not in operation and all power supply has been disconnected before cleaning the units.

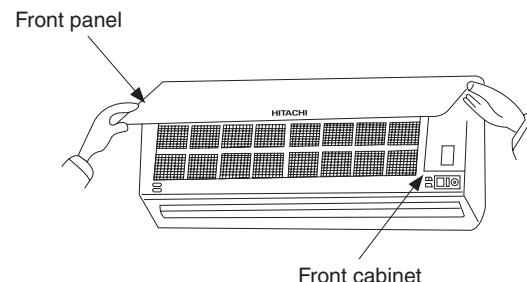
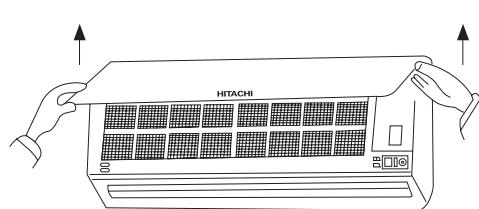
Dust Filter Screen

Dust filter screens are installed to remove the indoor dust particles hence they should be kept clean at all times. They should be cleaned at each machine operation cycle of approximately 100 hours. Excessive dust collected at the dust filter screen will block the air flow, reduce the cooling capability and could increase operating noise. Therefore the dust filter screen should be cleaned as per instructions given below:

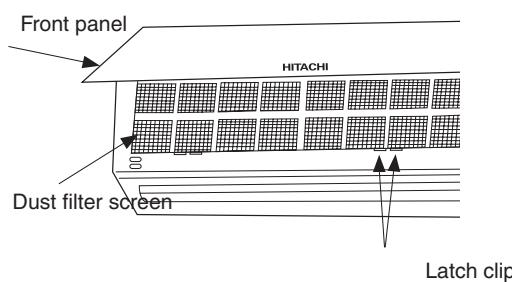
Cleaning Instructions

(1) Removing the dust filter screen

- While holding both edges of the front panel, open up and lift the front panel and push in to park at the secured position



- Slightly lift up the dust filter screen, release the latch clips [2 places] located at the bottom of the front cabinet and move the dust filter screen downwards to remove it from the unit
- (2) Use a vacuum cleaner to vacuum the dust accumulated from the dust filter screen. If the accumulated dust is too much to be removed by vacuum cleaning, apply mild detergent and flush the dust from the dust filter screen with water. After thorough rinsing, leave the dust filter screen at a cool shaded place to dry
- (3) Re-install the dust filter screen to its original position (With "FRONT" marker facing front). Slightly lift up the opened front panel and close it by returning it to its original position
- (4) Each year before using the air conditioner, clean the heat exchanger (evaporator) with a fine soft brush or vacuum cleaner and take care to avoid damaging the evaporator fins



CAUTION

- Do not use hot water (40°C and above) to rinse the dust filter screen, otherwise the screen will warp and get distorted. After rinsing, shake the dust filter screen to rid off all remaining water droplets and place it at a cool shaded place to dry. Avoid placing the dust filter screen under direct sunlight, otherwise the screen will warp and get distorted.
- Do not operate the air conditioner without the dust filter screen installed, otherwise the ingress of dust into the air conditioner unit will cause breakdowns.

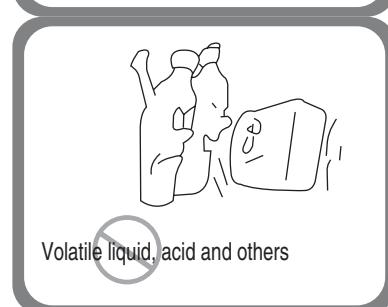
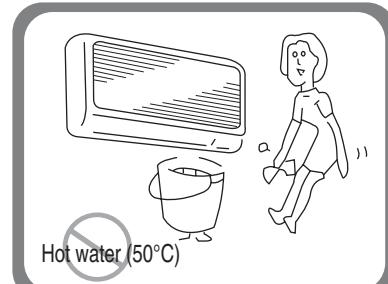
CLEANING THE FRONT PANEL

1. Front panel can easily get dirty. Use a soft cloth to wipe it.
2. If the front panel is excessively dirty, wipe the front panel with a soft cloth either wet with warm water or containing a mild detergent after which, wipe dry the front panel with a soft dry cloth.
3. Do not use hot water (50°C and above), volatile liquid, gasoline, acid, diluting agents or brushes to clean the front panel as they could damage the plastic finishing and paintwork of the front panel.



CAUTION

Please disconnect the power switch before cleaning the front panel.



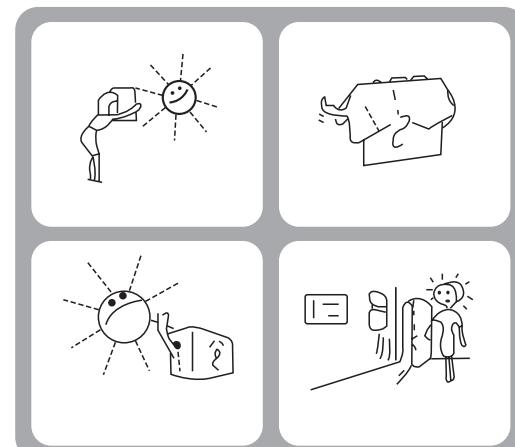
TROUBLE SHOOTING THE UNIT BEFORE CONTACTING SERVICE STAFF TO CHECK AND RECTIFY

The air conditioner unit is not operating.

- Check whether the power supply switch is properly connected.

Abnormal air conditioning effects.

1. Is the dust filter screen clogged with dust and dirt?
2. Is the outdoor unit is located in direct sunlight?
3. Is there any blockage to the air flow of both the indoor and outdoor units?
4. Are the doors and windows being opened or is there any heat source inside the room?
5. Is the temperature setting appropriate?



▲ CAUTION

- Please use earth line.
Do not place the earth line near water or gas pipes, lightning-conductor, or the earth line of telephone. Improper installation of earth line may cause electric shock.
- A circuit breaker should be installed depending on the mounting site of the unit. Without a circuit breaker, the danger of electric shock exists.

**IMPORTANT**

The wires in this mains lead are coloured in accordance with the following code:

BLUE	:	NEUTRAL
BROWN	:	LIVE
YELLOW/GREEN	:	EARTH

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your connection units - Proceed as follows:

The wire which is coloured **BROWN** must be connected to the terminal which is marked **L**.

The wire which is coloured **BLUE** must be connected to the terminal which is marked **N**.

The wire which is coloured **YELLOW/GREEN** must be connected to the terminal which is marked **Ø**.

NOTE

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

▲ CAUTION

Cleaning and maintenance must be carried out only by qualified service personnel. Before cleaning, stop operation and switch off the power supply.

▲ CAUTION

- 1.The appliance shall be installed in accordance with national wiring regulations.
- 2.Means for disconnection must be incorporated in the fixed wiring in accordance wiring rules.

REGULAR INSPECTION

PLEASE CHECK THE FOLLOWING POINTS EVERY EITHER HALF YEARLY OR YEARLY. CONTACT YOUR SALES AGENT SHOULD YOU NEED ANY HELP.

Power Switch	WARNING	Is the wire connected into power point firmly ? If the earth line is disconnected or faulty, unit failure or electric shock hazard may result. <ul style="list-style-type: none"> • If the power switch have dust or dirt, please clean it before connected.
	WARNING	Is the unit's earth line connected correctly? Please make sure earth line is connected correctly. <ul style="list-style-type: none"> • If the earth line is disconnected or faulty, it may result in malfunction or electric shock.
	WARNING	Is the mounting frame stable? Check to see if the mounting frame has rusted excessively or if the outdoor unit has tilted or become unstable. <ul style="list-style-type: none"> • If the outdoor unit collapsed or fell, it could cause injury.



AFTER SALE SERVICE AND WARRANTY

WHEN ASKING FOR SERVICE, CHECK THE FOLLOWING POINTS.

CONDITION	CHECK THE FOLLOWING POINTS
When it does not operate	<ul style="list-style-type: none">• Is the fuse all right?• Is the voltage extremely high or low?• Is the circuit breaker "ON"?
When it does not cool well	<ul style="list-style-type: none">• Is the air filter blocked with dust?• Does sunlight fall directly on the outdoor unit?• Is the air flow of the outdoor unit obstructed?• Are the doors or windows opened, or is there any source of heat in the room?• Is the set temperature suitable?



Notes

- In quiet or stop operation, the following phenomena may occasionally occur, but they are not abnormal for the operation.
 - (1) Slight flowing noise of refrigerant in the refrigerating cycle.
 - (2) Slight rubbing noise from the fan casing which is cooled and then gradually warmed as operation stops.
- The odor will possibly be emitted from the room air conditioner because the various odor, emitted by smoke, foodstuffs, cosmetics and so on, sticks to it. So please clean the air filter and the evaporator regularly to reduce the odor.

- Please contact your sales agent immediately if the air conditioner still fails to operate normally after the above inspections. Inform your agent of the model of your unit, production number, date of installation. Please also inform him regarding the fault.
- Power supply shall be connected at the rated voltage, otherwise the unit will be broken or could not reach the specified capacity.

Please note:

On switching on the equipment, particularly when the room light is dimmed, a slight brightness fluctuation may occur. This is of no consequence.

The conditions of the local Power Supply Companies are to be observed.

Note

- The recommended maximum and minimum operating temperatures of the hot and cold sides should be as below:

		Cooling		Heating	
		Minimum	Maximum	Minimum	Maximum
Indoor	Dry bulb °C	21	32	20	27
	Wet bulb °C	15	23	12	19
Outdoor	Dry bulb °C	7	43	-2	24
	Wet bulb °C	---	26	---	18

MEMO

MEMO

HITACHI

分體式冷氣機

中
國
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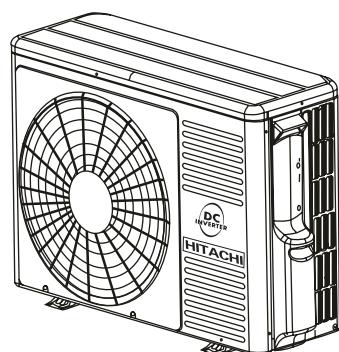
室內機/室外機

型號

RAS-DX24CHK/RAC-DX24CHK



室外機



RAC-DX24CHK

室內機



RAS-DX24CHK



Instruction manual

To obtain the best performance and ensure years of trouble free use, please read this instruction manual completely.

Page 1~24

使用說明書

請詳細閱讀這本使用說明書以了解正確的使用法，使機器長久發揮最高性能。

25~48頁



安全上應特別注意之事項

- 使用前，請詳細閱讀「安全上的注意事項」，以正確的使用機體。
- 在所示注意事項的“**警告**”、“**注意**”需特別加以注意。“警告”欄中記載之事項，表示處理錯誤時，可能會造成死亡或重傷，而“注意”欄中記載之事項，因狀況也可能造成重大之後果，所以請務必遵守，以維護安全。
- 標記事項如下。

確定地線已連接。	圖象中的這標記表示禁止事項。
----------	----------------

圖象中的這標記表示必須遵守事項。

- 閱讀完後，請務必妥善保管。

安裝上的注意事項

	<ul style="list-style-type: none"> ● 請勿重組機件。 自己重組機件可能會造成漏水、故障、觸電及火災。 	
	<ul style="list-style-type: none"> ● 安裝時，請委託經銷商或專門技術人員安裝。 自己安裝可能會造成漏水、觸電及火災。 	
	<ul style="list-style-type: none"> ● 請使用接地線。 地線請勿安裝在瓦斯管、水管、避雷針、電話之地線等場所。 接地線的錯誤安裝可能導致觸電發生。 	
	<ul style="list-style-type: none"> ● 依設置場所狀況，有必要安裝漏電斷電器。 如沒有安裝漏電斷電器時，會有觸電的危險。 ● 不可安裝於有可燃氣體的場所，因為萬一氣體泄漏在機體周圍的話，可能會發生火災。 ● 安裝排水管時，請確認水可否順利的流出。 	

搬移或修理時的注意事項

	<ul style="list-style-type: none"> ● 異常時（有焦味等），請停止運轉後把斷電器關閉，並通知經銷服務人員。有異常而照舊連續運轉的話，會造成故障、觸電、火災等。 	
	<ul style="list-style-type: none"> ● 維修時，請直接向經銷服務人員接洽。 自己修理不完全的話，會有觸電、火災的危險。 	
	<ul style="list-style-type: none"> ● 機體要移動重新再設置時，請直接向經銷服務人員接洽。 自己移動機體，重新再設置時，若安裝不安全的話，就會有觸電、火災的危險。 	
	<ul style="list-style-type: none"> ● 如果電源線損壞，必須由生產商、服務代理或類似的合格人員替換，以避免出現危險。 	

使用上的注意事項

	<ul style="list-style-type: none"> ● 身體請勿長時間直接對著冷氣，以免妨礙健康。 	
	<ul style="list-style-type: none"> ● 請勿將細棒等物品插入吹出口及吸入口，由於風扇在高速運轉，易造成危險。 	
	<ul style="list-style-type: none"> ● 請勿以金屬或銅線當作保險絲，以免發生故障或火災。 	
	<ul style="list-style-type: none"> ● 有打雷之可能時，為了保護機械，請停止運轉，並把斷電器關閉，以避故障發生。 	

使用上的注意事項



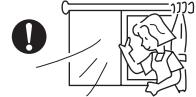
警告

- 本機請使用在以一般家庭的人為對象的場所，請勿使用在保存食品、動植物、精密機器、美術品、醫藥品等特殊場所。



-  ● 請不要用濕手來操作開關，以免觸電。

- 與燃燒器具一起運轉時，請常換氣，否則會有氧氣不足的情形。



-  ● 本機所吹出來的風，請不要直接吹在燃燒器具上，否則，會使燃燒器具燃燒不完全。

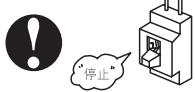
- 長期使用的安裝材料請隨時注意其是否穩固，不可有損傷的情形。否則機體可能會落下造成危險。



-  ● 清洗機體時，請絕對避免用水潑機體，因會有漏電的危險。

- 請勿在室內機旁噴灑煙霧或美髮劑。化學物會粘附在散熱片及堵塞蒸發水流向盛水盤。水將會滴在切線形風扇飛濺而出。



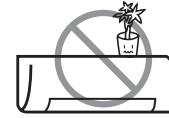
-  ● 清潔機體時，請停止運轉並把斷電器關閉。因為機體內部的風扇正以高速運轉，會造成傷害。

- 長時間不運轉時，為了安全起見，請把斷電器關閉。



-  ● 請勿爬上機體，物品也不要放在機體上面。

- 機體上請不要放有水的容器（如花瓶），以免傾倒流入機體內部，會使機體內部電氣絕緣劣化，產生觸電的危險。



-  ● 動植物請不要放置在風向直接吹到的場所，否則會對動植物有不良的影響。

- 冷氣運轉時，窗和門在開放的狀態下（室內濕度必須在80%以上），風向板向下時，都請不要長時間運轉，否則上下風向板會結露，有時會滴下來，而使傢俱弄濕。

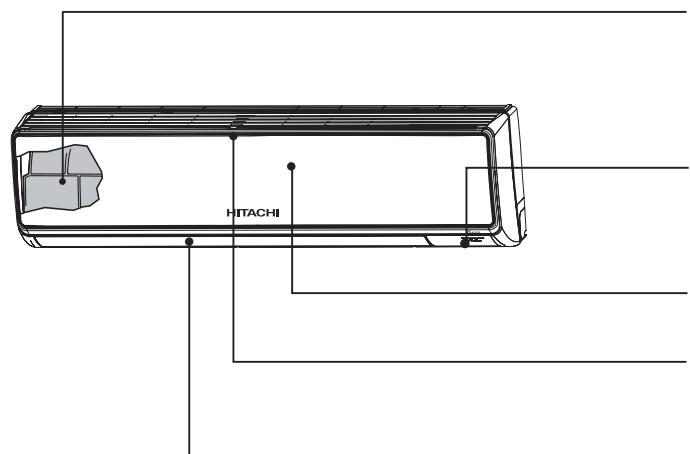
- 房間如果有超過冷氣能力的熱源（如房間有多人進入，使用熱器具等），將無法達到所設定室溫。

- 不要讓小孩單獨操作使用機器。除非在監督責任人的指導下，確保他們能安全正確的使用機器。

- 請確保小孩遠離機體，不要機體玩耍，以免發生危險。

各部的名稱和功能

室內機



隔塵網

防止空氣中的灰塵進入室內機內部。(詳見第43頁)

室內機指示燈

指示燈會顯示冷氣機的操作狀況。
(詳見第30頁)

前面板

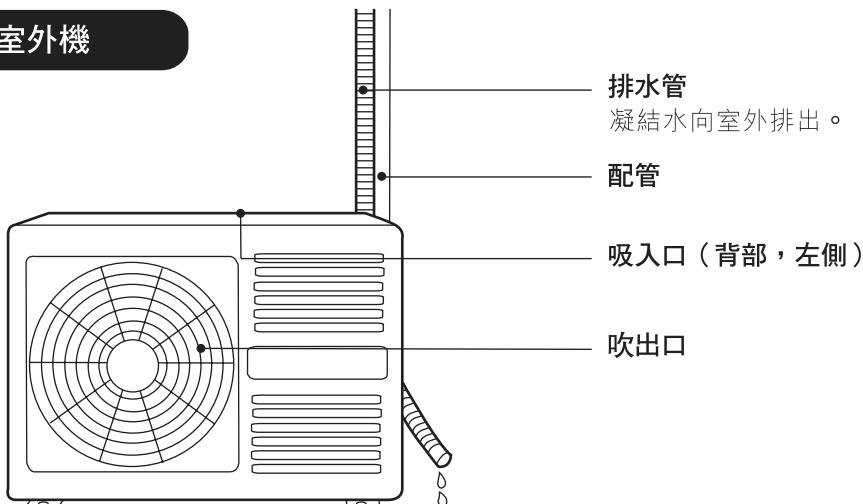
支援面板



遙控器

向室內冷氣機發出操作訊號，以操作冷氣機。
(詳見第31頁)

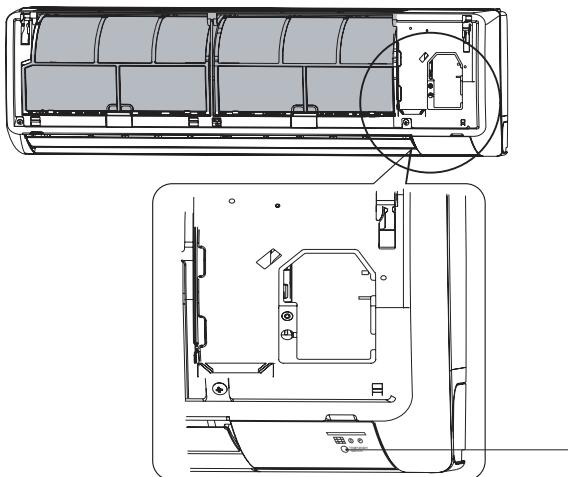
室外機



型號及外型尺寸

型號	寬 (mm)	高 (mm)	深 (mm)
RAS-DX24CHK	1050	290	220
RAC-DX24CHK	792	600	299

操作指示

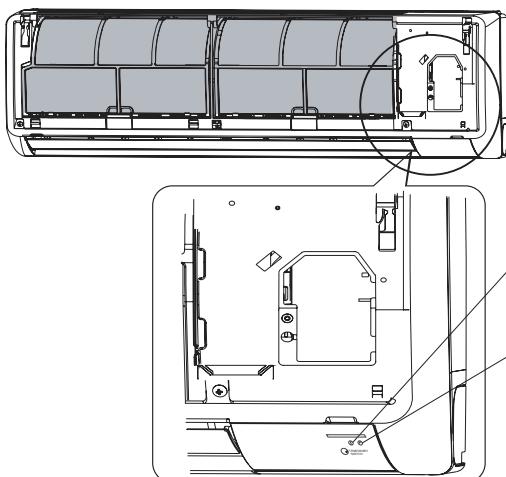


應急開關

無法使用遙控器時，請使用應急開關模式。

- 按下應急開關時，機器以前次所設定的模式開動。
- 如斷開過電源而後在開動時，機器將以自動模式運轉。

接收指示功能



運轉指示燈（黃）

機體保持運轉狀態時，此指示燈會亮。

定時指示燈（橙）

機體做預約定時時，此指示燈會亮。冷氣機出現故障時，此指示燈會閃動。

⚠ 提示

如長時間不使用冷氣機，請切斷電源或電源開關。

操作指示

應急開關

無法使用遙控器時，請使用應急開關模式。

- (1) 按下應急開關時，機器以前次所設定的模式開動。如斷開電源后再開動時，機器就以自動模式運轉。
- (2) 第二次按應急開關，以停止冷氣機操作。

自動重開功能

電力故障後，冷氣機將自動重開。

※（電力故障發生時，如遙控器設定為定時器狀態，冷氣機將不會自動重啟。）

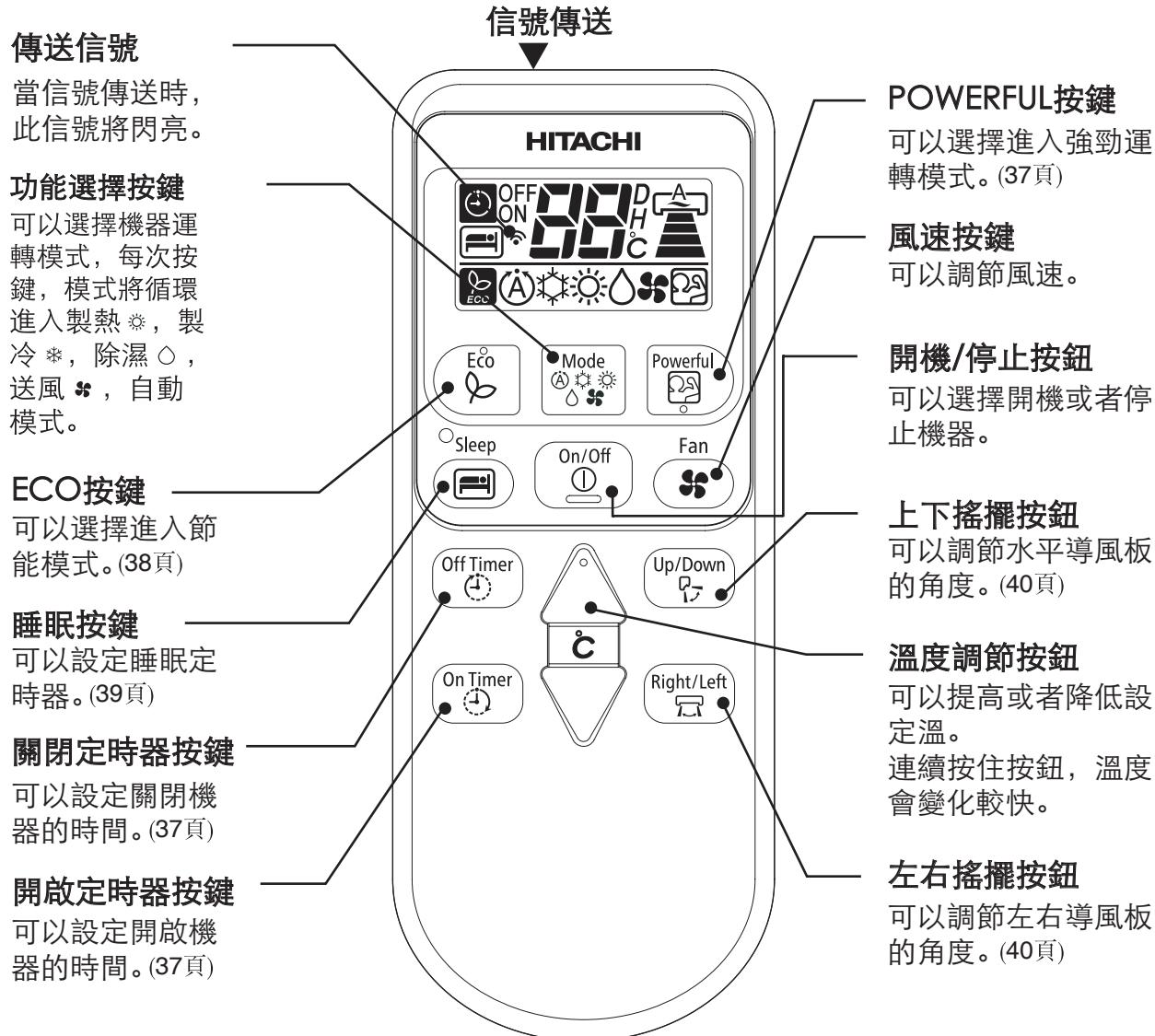
自動運轉

製熱	• 室溫在23°C以下時，進行“製熱”運轉。設定溫度為23°C左右的室溫。
乾爽除濕	• 室溫在23°C ~ 27°C左右時，進行“乾爽除濕”運轉。設定溫度為運轉開始時的室溫。
製冷	• 室溫在27°C以上時，進行“製冷”運轉。設定溫度為27°C左右的室溫。

遙控器各部分名稱和功能

遙控器

此遙控器用以控制室內機的運轉。控制範圍大約為7米，如果用電子方法控制室內照明的話，控制範圍可能變小，特殊情況，可能導致遙控器信號無法到達。
此機器使用提供的安裝板固定在牆壁上，請在固定它之前，務必確認可以使用遙控器控制室內機。
請小心操作遙控器。避免跌落或者受潮。



使用時應注意事項

- 遙控器不可放在下述地方
 - 直射的陽光下
 - 加熱器附近
- 遙控器小心使用，不可跌落與地板，并避免受潮。
- 一旦室外機停止，它將停止大約3分鐘。（除非將電源開關關閉打開）
這是為了保護機器，且沒有故障提示。
- 如果通過功能選擇鍵調整運轉模式，同樣可能為了保護機器，停止運轉約3分鐘。

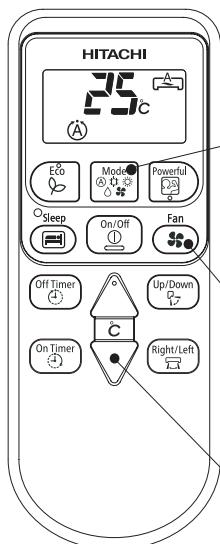
各部份功能

■ 自動重啟控制

- 電力故障後，當電源恢復時，冷氣機將自動重新啟動，按照以前的操作模式運轉。
(當機器沒有被遙控器按下停止按鈕時。)
- 如果你不想電力故障後，當電源恢復時，冷氣機將自動重新啟動，請關閉電源。
當閉合斷路器開關時，操作將自動重新開機與以前的操作模式運轉。
注：1.如果您不需要自動重新開機控制，請諮詢您的銷售代理。
2.當設定定時或睡眠模式設置時，自動重新開機模式將不可用。

自動操作

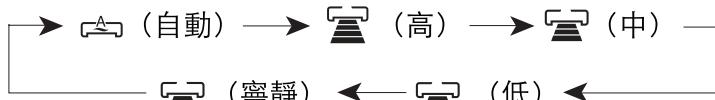
機器將自動決定選擇操作模式，根據當前房間溫度設定制熱或者製冷。當房間溫度變化時，機器的選擇模式將會變更。



按下模式選擇按鈕選擇自動模式運轉 A。

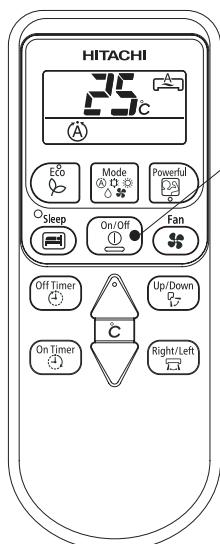
- 當自動運轉被選擇，機器將自動決定選擇操作模式，根據當前房間溫度設定制熱或者製冷。
- 如果選擇自動運轉模式不是很滿意，可以手動改變模式設定（制熱，除濕，製冷或風速）。

設定想要的風扇轉速用 ⚡ (風速) 按鈕（顯示設定的風速）



3

設定想要的房間溫度用溫度調節按鈕（顯示設定的溫度）
設定溫度和房間實際溫度可能會根據實際情況變化。



開始
停止

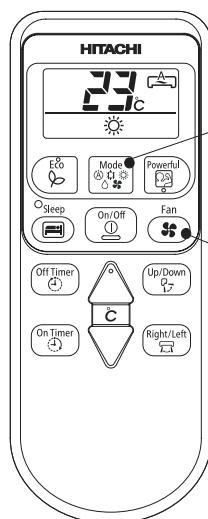
按下 I (開始/停止) 按鈕。
運轉開始。
再次按下按鈕機器停止運轉

■ 由於此設置將被遙控器儲存，故下次只需按 I (開始/停止) 按鈕

按下 ⚡ (風速) 按鈕選擇自動、高、中、低、寧靜。

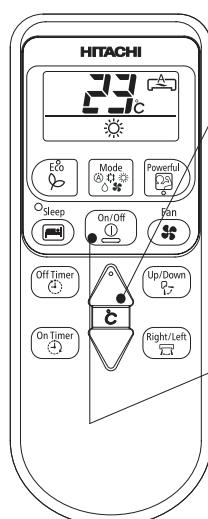
製熱運轉

室外氣溫在27°C以下時，機器可以進行製熱運轉。
當室外氣溫很熱（超過27°C）時，機器不能進行製熱運轉以保護機器。
為了使機器可靠的進行工作，建議在外氣溫-2°C以上時是使用機器。



1

按壓功能選擇按鈕後顯示 (製熱)。



2

用 (風速) 鈕設定所希望的風扇速度（顯示器指示設定速度）。

- (自動) : 風扇速度起先是(高)，然後達到了預設溫度時自動改變為(中)或(低)或(寧靜)。
- (高) : 風速強勁
- (中) : 風速平穩
- (低) : 較安靜
- (寧靜) : 非常安靜

3

用溫度調節鈕設定所希望的室溫（顯示器指示設定溫度）。
在不同條件下，設定溫度與室溫有少許差異。

**開始
停止**

按壓 ① (開始/停止) 按鈕，發出提示音後製熱運轉開始。再次按壓這個按鈕將停止運轉。

■ 設定將保存在遙控器內存中，下次可以直接按壓 ① (開始/停止) 按鈕。

■ 除霜

當室外機熱交換器上有霜形成時，大約一個小時室外機換熱霜執行一次除霜，
每次除霜時間5~10分鐘。

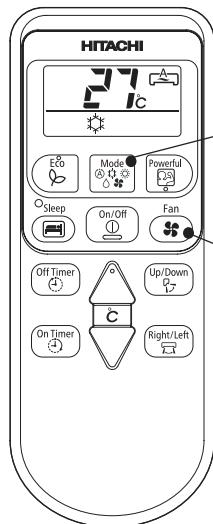
在除霜運轉中，運轉燈閃爍3秒然後停0.5秒。

除霜的最大時間為20分鐘。

(如果使用的配管長度比正常的更長，霜可能會容易形成。)

製冷運轉

當屋外溫度在攝氏 7 度至 43 度的範圍內時可用本機進行製冷運轉。如室內濕度很高（80%以上）時，室內機放氣口格柵上會結露。



按壓功能選擇接鈕後顯示 (製冷)。

2

用 (風速) 鈕設定所希望的風扇速度 (顯示器指示設定速度)。

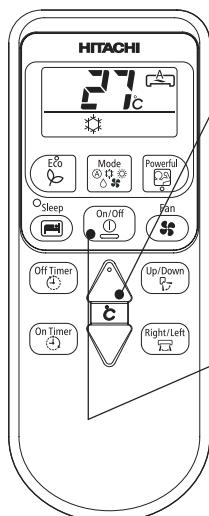
(自動) : 風扇速度起先是 (高) , 然後達到了預設溫度時自動改變為 (中) 或 (低) 或 (寧靜)。

(高) : 室溫降低較快，省時省能。

(中) : 風速平穩

(低) : 較安靜

(寧靜) : 非常安靜



3

用溫度調節鈕設定所希望的室溫 (顯示器指示設定溫度)。

在不同條件下，設定溫度與室溫有少許差異。

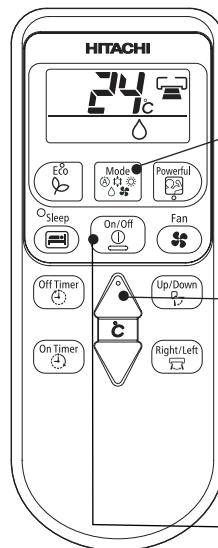
開始
停止

按壓 ① (開始/停止) 按鈕，發出提示音後製冷運轉開始。再次按壓這個按鈕將停止運轉，如設定溫度高於當前室溫製冷功能將不啓動 (運轉指示燈始終點亮)。製冷運轉需要將設定溫度盡可能設定低於當前房間溫度。

■ 設定將保存在遙控器內存中，下次可以直接按壓 ① (開始/停止) 按鈕。

除濕動作

室溫高於攝氏16度時可用本機進行除濕工作。
當室溫低於攝氏15度時除濕功能不能起動。



- 1 按壓功能選擇鍵，遙控器液晶將顯示 (除濕)。
按壓 (風速) 按鈕選擇低速或者寧靜。
- 2 請用溫度調節鈕設定所希望的室溫（顯示器指示設定溫度）。

除濕工作時的室內溫度範圍最好是攝氏20度~26度。

**開始
停止**

按壓 ① (開始/停止) 按鈕。

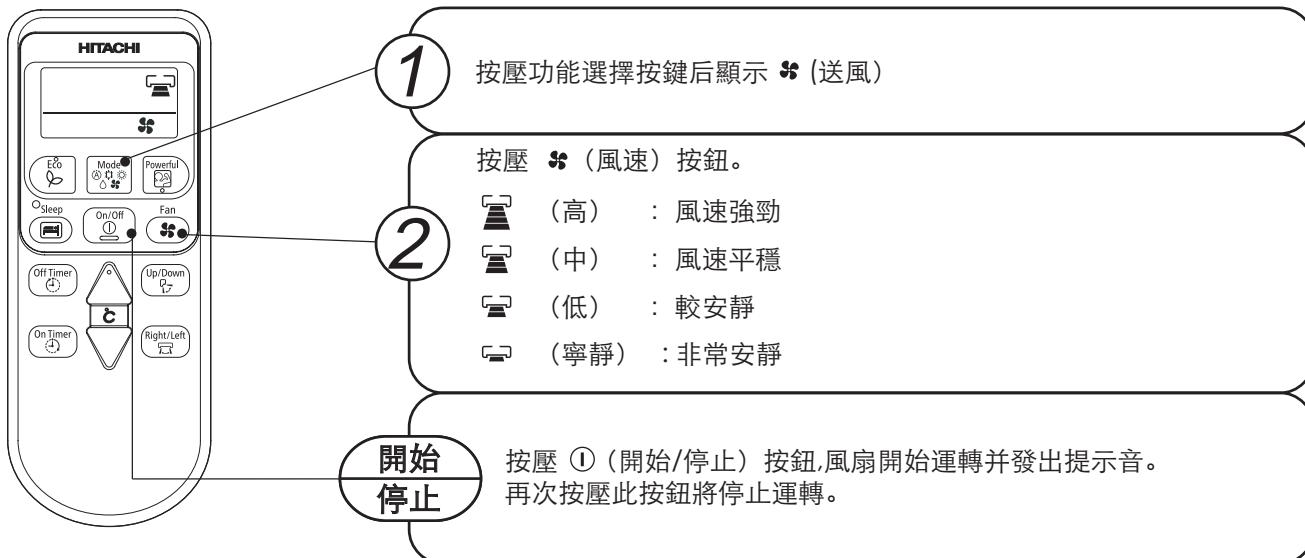
- 需要設定運轉模式時，請使用功能選擇鍵。
- 選擇適宜的溫度。

■ 除濕機能

室溫高於設定溫度時；機器開始去除室內濕氣，使室溫降低到預設水平。
室溫低於設定溫度時；將室溫設定於低於實際的室溫時（無論設定溫度如何），機器就進行除濕工作。當室溫低到設定溫度以下時，除濕工作就立刻停止（室內機停止發出空氣）。

送風運轉

可以使用此功能進行空氣循環，也可以在夏季結束後使用此功能乾燥室內機內部。



風扇速度 (自動)

製熱/製冷運轉時風扇速度設定為自動

製熱運轉時	<ul style="list-style-type: none">風速將根據出風溫度自動改變。房間溫度到達與設定溫度後，風扇將自動調整為低風速。
製冷運轉時	<ul style="list-style-type: none">運轉開始，將以高風速使房間溫度達到與設定的溫度。房間溫度到達與設定溫度後，風扇將自動調整為低風速。

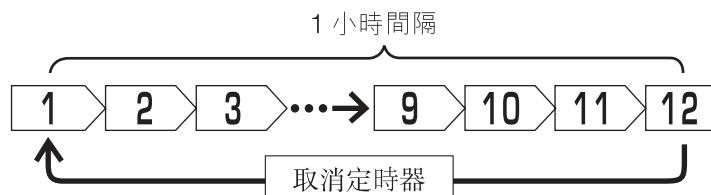
定時器的設定法

■ 可開啟及關閉定時器。

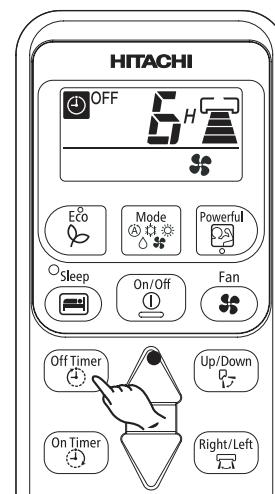
預留時間

1 (Off Timer) 設定關閉時間

- 按 **Off Timer** (關閉) 鈕關閉時間。
- 按照下列程序選按鈕，可更改設定時間。



■ 於設定時間停止運作

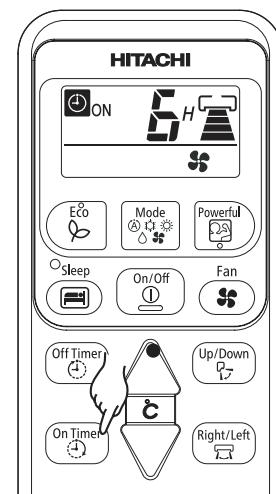


2 (On Timer) 設定開啟時間

- 按 **On Timer** (開啟) 鈕開啟時間。
- 按照下列程序選按鈕，可更改設定時間。

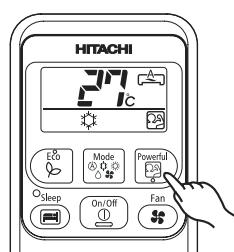


■ 於設定時間，開始運作設定的溫度
(開始時間會因室溫及設定溫度而有所不同)。



強勁運轉

- 按壓 **Powerful** (強勁) 按鈕將調整製熱, 製冷, 送風運轉至最大功率。另除濕模式僅目標溫度有所降低。
- 在強勁運轉時，室內機吹出的空氣將較冷。



運轉

- 按壓 **Powerful** (強勁) 按鍵在運轉時
- "**■**" 將顯示在遙控器液晶上。

強勁運轉20分鐘後結束，機器將按照之前設定狀態繼續運轉。

停止

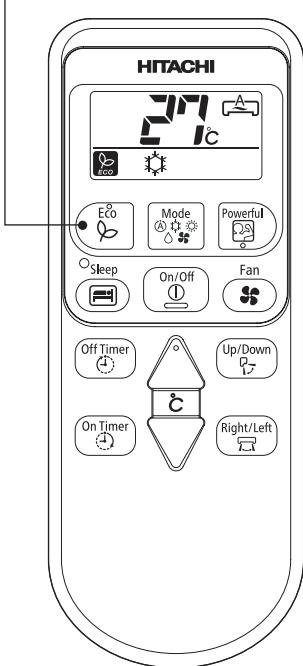
- 按壓 **①** (開始/停止) 按鈕。
或者再次按壓 **Powerful** (強勁) 按鈕。
- "**■**" 將從遙控器液晶上消失。

注意

- 選擇節能模式後，強勁運轉將被取消。
- 在強勁運轉時，冷氣機的能力將不會增加
 - 如果冷氣機已經運轉在最大功率輸出狀態。
 - 僅在除霜之前運轉（當機器運轉制熱時）
- 自動重啟之後，強勁運轉將被取消，以之前的設定開始運轉。

節能運轉

■ 節能運轉是通過改變設定溫度和限制最大功率以實現。



在製熱、製冷、除濕或自動模式運轉時通過按壓 (節能) 按鈕，冷氣機將進入“節能運轉”

運轉

在運轉時按壓 (節能) 按鈕。

- 將在遙控器液晶上顯示。
- 節能運轉開始，通過溫度控制及限制運轉功率。

停止

按壓 (開始/停止) 按鈕。

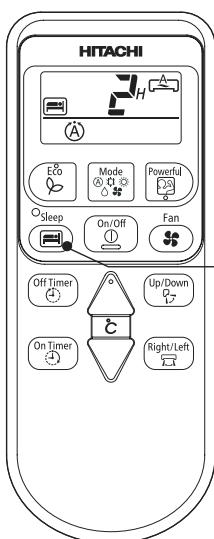
- 再次按壓 (節能) 按鈕。
- 從液晶上消失。

注意事項

- 如果功率消耗已經是很小時，節能功能不再降低功率消耗。
- 開啟（強勁）功能後，節能運轉將取消。
- 自動重啟之後，節能運轉將被取消，以之前的設定進行運轉。

睡眠定時器的使用方法

在製熱，製冷，除濕，送風運轉時按壓 (睡眠) 按鈕，冷氣機將調整房間溫度和重設風扇轉速。



● 睡眠

模式	指令
睡眠定時器	→ 1小時 → 2小時 → 3小時 → 7小時 定時器關閉 ←

睡眠定時器：冷氣機將在設定時間到達後停止運轉。定時器信息將顯示在遙控器液晶上，室內機定時燈也將點亮并有提示音。

取消睡眠運轉

- 按壓 (On/Off) (開始/停止) 按鈕，冷氣機將停止運轉。
- 一直按壓 (睡眠) 按鈕直到定時器關閉， (睡眠) 和小時數字在遙控器液晶上消失。
- 室內機發出提示音並且室內機定時燈關閉。
- 睡眠定時器被取消。

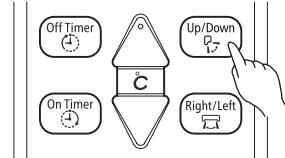
注意

如果開啟定時器或者關閉定時器已經設定，睡眠定時器設定時將代替開啟或關閉定時器的設定。

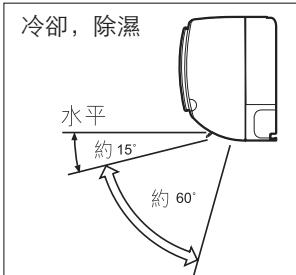
風向板的調節方法

1 風向板的上下方向調整

水平導風板在各種運轉狀態時被自動設定在合適的角度，導風板可以使用  (上下搖擺)按鍵調整上下擺動或者需要的角度。

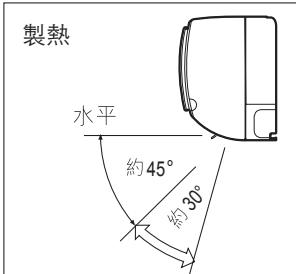


- 如果按壓  (上下搖擺) 按鈕一次，水平導風板將上下擺動，如再次按壓這個按鈕，導風板將停止在當前位置。
- 水平導風板的調整角度可以參照右圖。
- 運轉停止的時候，水平導風板將搖擺至出風口關閉的位置。



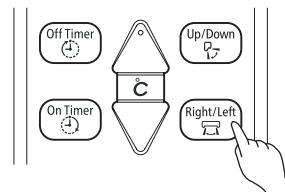
▲ 警 告

- 製冷運轉時，不要長時間搖擺水平導風板，可能造成導風板結露。



2 風向板的左右方向調整

- 如果按壓  (左右搖擺) 按鈕一次，左右導風板將左右擺動，如再次按壓這個按鈕，導風板將停止在當前位置。



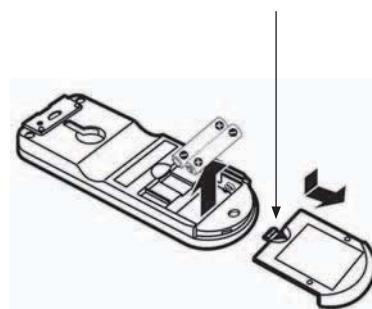
遙控器中電池的更換法

1 取下電池盒蓋如圖所示，然後取出舊電池。

更換遙控器內的電池



2 將新電池裝進去。 請注意電池極性方向應和盒內所示標記一致。



▲ 注意

- 新電池和舊電池，或不同種類的電池不可混用。
- 兩個月或三個月不使用遙控開關時最好把電池取出。
- 使用高質素及高效能的AAA電池，可延長操作時間，避免電解質外流。



最佳的使用方法

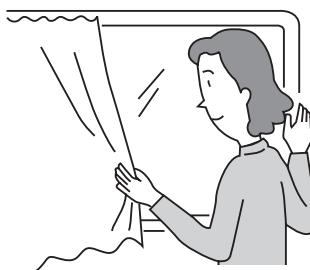
室溫設定要適當



警告

過冷對健康不好且會浪費電力。

裝置窗簾或百葉窗



可隔絕從窗戶進來的熱源。

換氣

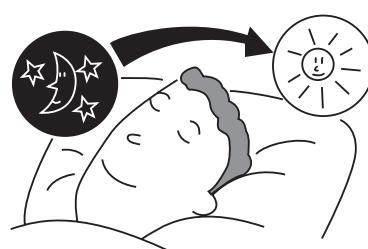
注意

房間不要關閉太久，請偶爾打開窗戶，換新鮮空氣。



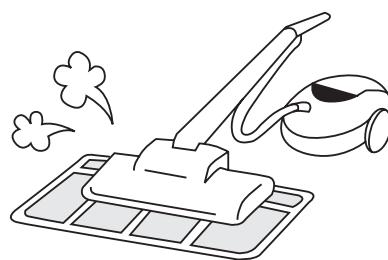
時間預校的有效活用

晚上用“開關時間預校”再配合早上的睡醒時間，可得到舒適的溫度，請有效活用時間預校。



濾網請不要忘記清洗

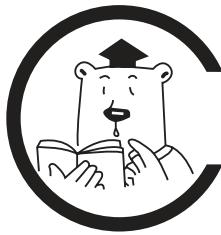
濾網的網目塞住會影響風量，減弱冷氣效果，為了不浪費電力，請每隔 2 週務必清洗一次。



為了嬰兒及小孩，請注意 室溫調節

行動不便的嬰兒、小孩、老年人等使用冷氣機時，請注意室內溫度及風向的調節。
(最佳的室內和室外溫差為攝氏土 5 度。)



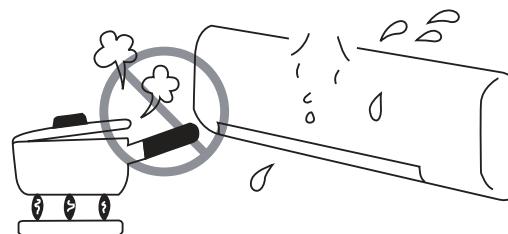


顧客須知

冷氣機和房間的熱源

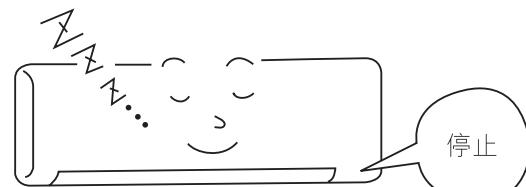
注意

房間如果有超過冷氣能力的熱源（如房間有多人進入，使用熱器具等），將無法達到所設定的室溫。



長時間不使用時

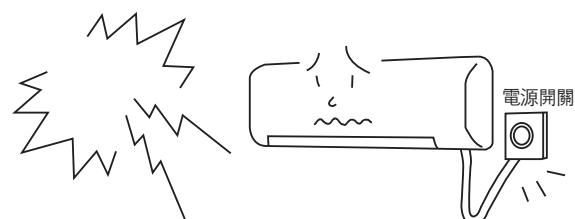
機器長時間不使用時，請將電源開關關閉。否則，雖然不運行，亦會消耗掉使用於控制回路的電力（約1W）。



有閃電之虞時

警告

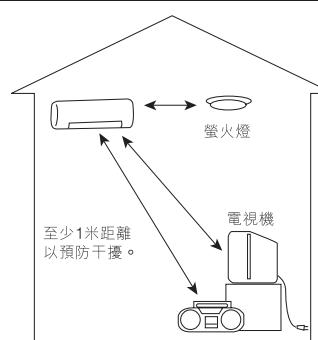
有閃電之虞時，為了保護機械而需停止運轉，請將電源開關關閉。



其他電器的干擾

注意

請將室內機及遙控器安裝在距離其他電器至少1米以避免雜聲的干擾。



機器的保養

⚠ 注意

清潔冷氣機前，請關閉冷氣機並斷開電源開關。

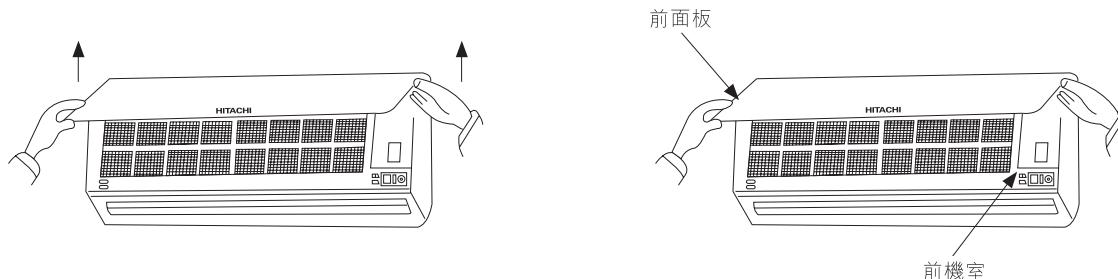
隔塵網

隔塵網可過濾外來的塵埃粒子，所以應時常保持清潔。冷氣機操作約 100 小時後，便應清潔隔塵網。隔塵網上過量的灰塵，將阻礙空氣的流動，減低冷氣效能，冷氣機甚至會發出噪音。因此應清潔隔塵網，清潔說明如下：

清潔說明

(1) 移除隔塵網。

- 雙手握著前面板的兩邊，拉開並揭起前面板，然後推上以固定前面板。

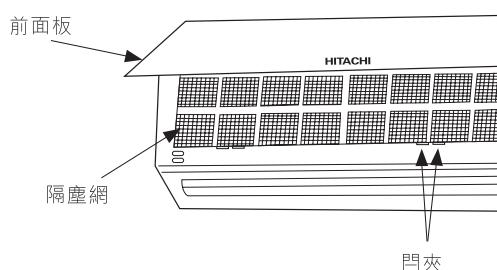


- 輕輕拉起隔塵網，鬆開於前機室下方的兩個門夾，以拉出隔塵網。

(2) 用吸塵機清潔隔塵網積聚的灰塵。如果無法用吸塵機完全清除積聚的灰塵，可使用中性的清潔劑，並用清水沖洗隔塵網。清洗後，請將隔塵網置於陰涼處風乾。

(3) 最後，把隔塵網裝回原處（標有“FRONT”的那一面）。輕輕拉開前面板，並於原來位置合上面板。

(4) 每年也應清潔蒸發器，在使用冷氣機前，可用軟毛刷子或吸塵機清潔蒸發器，但請小心，避免損壞蒸發器。



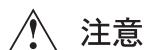
⚠ 注意

- 請勿使用超過 40°C 的熱水沖洗隔塵網，否則隔塵網會彎曲變形。沖洗後，搖動隔塵網，清除多餘的水分，然後將隔塵網置於陰涼處風乾。避免陽光直接照射隔塵網，否則隔塵網會彎曲變形。

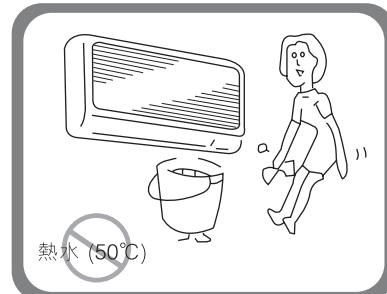
開啟冷氣機前，請安裝隔塵網，否則吸入的塵埃可能會損壞冷氣機。

清潔前面板

- 前面板容易積聚污垢，可用軟布清潔。
- 如果前面板非常骯髒，可用沾有溫水或中性清潔劑的濕布拭抹，然後再用乾布抹乾前面板。
- 請勿使用超過 50°C 的熱水、揮發性液體、汽油、酸性液體、稀釋液或刷子清潔前面板，否則會損壞前面板的塑膠光油與漆面。



清潔前面板前，請將電源開關關閉。



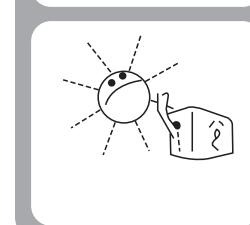
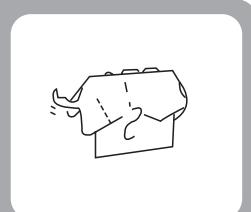
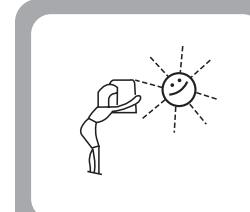
聯絡服務人員前請檢查下列各項目

冷氣機不能操作。

- 檢查電源開關是否已正確插好。

冷氣機出現不正常反應。

- 隔塵網是否積滿灰塵及污垢？
- 陽光是否直射在室外機上？
- 室內或室外機的空氣流動是否受阻？
- 房門或窗口是否開著或是否室內有其他熱源？
- 設定溫度是否適當？



▲ 注意

- 請使用地線。地線請勿安裝在煤氣管、避雷針、電話之地線等場所。不正確的安裝法將導至漏電。
- 依設置場所狀況，有必要安裝斷電器。如沒有安裝斷電器，會有觸電的危險。

**重要**

主電源線內的電線是以下列顏色分類：

藍色	： 中線
棕色	： 火線
黃色/綠色	： 地線

如本機之主電源線內的電線顏色與閣下的連接安裝置上的接頭所示之顏色不一致時，請依照下列的方法進行：

棕色的電線必須連接到注有 L 的接頭。

藍色的電線必須連接到注有 N 的接頭。

黃色/綠色的電線必須連接到注有 \oplus 的接頭。

註

如果電源線損壞，必須由生產商、服務代理或類似的合格人員替換，以避免出現危險。

▲ 注意

清掃及機器的保養需由專業技術人員執行。清掃室內機時應先停止操作及關閉電源。

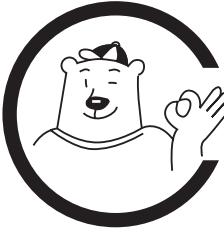
▲ 注意

1. 電器應按照國家(地區)佈線規程安裝。
2. 斷電裝置必須按照佈線規則固定佈線中。

定期檢查

請半年~1年進行一次下述的定期檢查。
如發現有可疑之處，請迅即與購買本產品的銷售店聯繫。

電源開關	警告	<p>電源開關 ... 電源線是否已經可靠地連接到電源開關？</p> <p>電源線未可靠地接入電源開關，或出現發熱現象時，會引起觸電或火灾。</p> <ul style="list-style-type: none"> • 如電源開關上附着了灰塵或有污物等，請在清掃後再插入電源開關。
	警告	<p>接地線 ... 是否可靠地進行了接地？</p> <p>要確認已經正確地進行了接地。 如接地線脫開、中途斷線，則會造成動作失誤或引起火灾。</p>
	警告	<p>安裝架 ... 安裝後有否處於不穩定狀態？</p> <p>要確認安裝架有否嚴重生鏽，或室外機有否出現傾斜。 室外機傾倒、掉落會致人負傷。</p>



售後服務和保証事項

請服務人員檢修以前，請先依下列各項檢查

狀況	請檢查以下幾點
不能運轉時 	<ul style="list-style-type: none">● 保險絲是否熔斷？● 電壓是否過高或過低？● 電源開關是否設在“ON”的位置？
冷氣不冷時 	<ul style="list-style-type: none">● 濾塵網是否太髒？● 陽光是否直射在室外機上？● 室外機的空氣流通是否受阻？● 房門或窗口是否開著或是否室內有其他熱源？● 設定溫度是否適當？



注：

- 在較低風速運轉時，或當停止運轉時，有時會發生下述現象。但這些都不是不正常的現象。
 - (1) 冷卻動作中會聽見冷凍劑流動的微小聲音。
 - (2) 風扇罩受熱或受冷時所發出的微小摩擦聲。
- 冷氣機有時會發出異味，但這並非不正常的現象，而是因為煙，食物，化妝品等所發出的異味附著在上面的緣故。所以最好經常清理濾塵網和蒸發器部份以減少異味。

- 上述各項檢查調整後，冷氣機仍舊不能正常運轉的話，請立刻通知購買的經銷商，並請將保証書上所記載的冷氣機形式，製造號碼，安裝日期及冷氣機故障狀況告訴經銷商。
- 電源軟線應連接在適當的定額電壓，否則機器將會損壞或不能達到預定的效能。

請注意

當開動冷氣機時，特別是室內熒光燈的亮度會出現輕微的波動。這並不重要。
注意您當地的電流供應狀況。

注

- 室內及室外的最高或最低操作溫度建議如下：

		制冷		制熱	
		最低	最高	最低	最高
室內	干球°C	21	32	20	27
	濕球°C	15	23	12	19
室外	干球°C	7	43	-2	24
	濕球°C	---	26	---	18

MEMO

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