

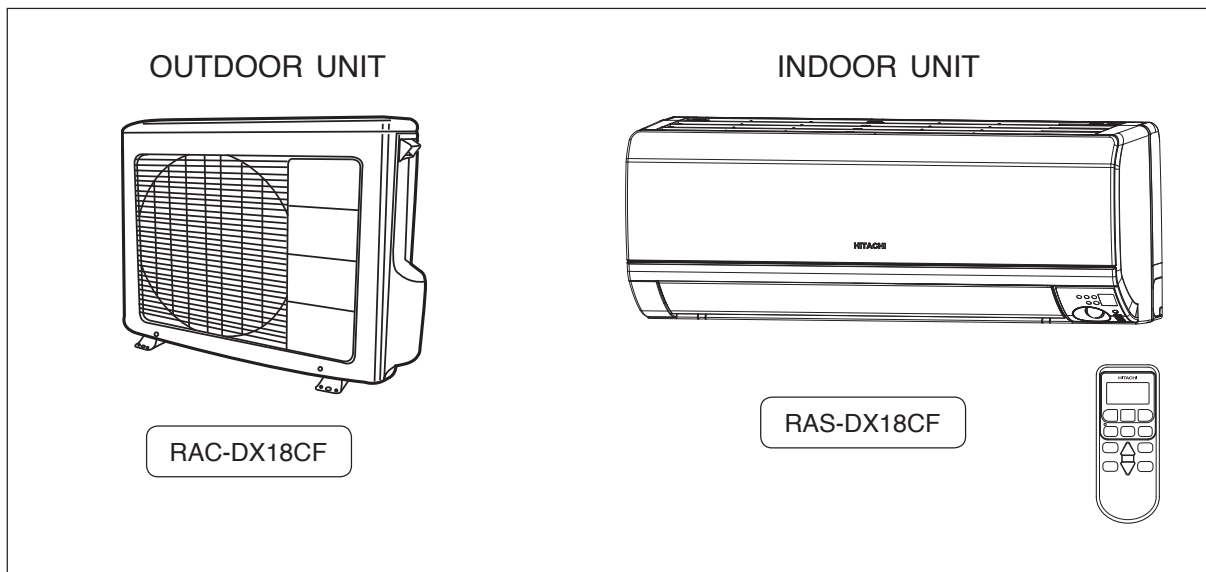
HITACHI

SPLIT TYPE AIR CONDITIONER

INDOOR UNIT/OUTDOOR UNIT

MODEL

RAS-DX18CF / RAC-DX18CF



Instruction manual

To obtain the best performance, please read this instruction manual completely.

Page 1~24

Arahan pengendalian




Untuk mendapatkan prestasi yang tinggi, sila baca arahan ini sepenuhnya.

Muka surat 25~48








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 sign 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

 WARNING	● Do not reconstruct the unit. Water leakage, fault, short circuit or fire may occur if you reconstruct the unit by yourself.	
	● 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.	
	● 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.	
	● Be sure to use the specified piping set for R410A. Otherwise, this may result in broken copper pipes or faults.	
 CAUTION	● A circuit breaker should be installed depending on the mounting site of the unit. Without a circuit breaker, the danger of electric shock exists.	
	● Do not install the unit near a location where there is flammable gas. The outdoor unit may catch fire if flammable gas leaks around it.	
	● Please ensure smooth flow of water when installing the drain hose.	

PRECAUTIONS DURING SHIFTING OR MAINTENANCE

 WARNING	● 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.	 
	● Please contact your agent for maintenance. Improper self maintenance may cause electric shock and fire.	
	● 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.	
	● If the supply cord is damaged, it must be replaced by the special cord obtainable at authorized service/parts centers.	

PRECAUTIONS DURING OPERATION

 WARNING	● Avoid an extended period of direct air flow for your health.	
	● Do not insert a finger, a rod or other objects into the air outlet or inlet. As the fan is rotating at a high speed, it will cause injury. Before cleaning, be sure to stop the operation and turn the breaker OFF.	
	● Do not use any conductor as fuse wire, this could cause fatal accident.	
	● During thunder storm, disconnect and turn off the circuit breaker.	
	● This unit has UV LED which emits ultra violet light. AVOID DIRECT EYE EXPOSURE.	

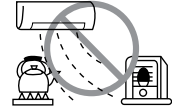
PRECAUTIONS DURING OPERATION

- 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.

- 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.



- Please ensure that outdoor mounting frame is always stable, firm and without defect. If not, the outdoor unit may collapse and cause danger.

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



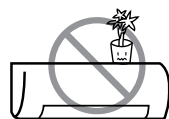
- Do not use any aerosol or hair sprays near the indoor unit. This chemical can adhere on heat exchanger fin and blocked the evaporation water flow to drain pan. The water will drop on tangential fan and cause water splashing out from indoor unit.

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



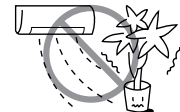
- Turn off the circuit breaker if the unit is not to be operated for a long period.

- 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.



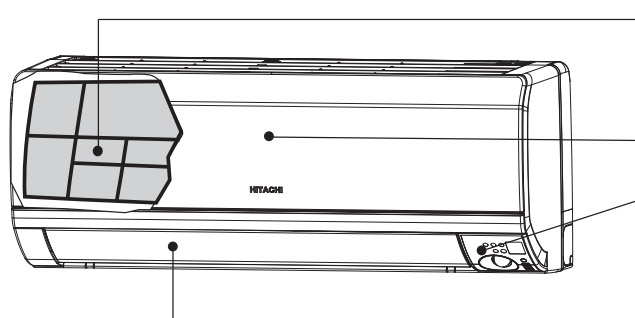
- When operating the unit with the door and windows opened, (the room humidity is always above 80%) and with the air deflector facing down or moving automatically for a long period of time, water will condense on the air deflector and drips down occasionally. This will wet your furniture. Therefore, do not operate under such condition for a long time.
- If the amount of heat in the room is above the cooling 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 can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

CAUTION

NAMES AND FUNCTIONS OF EACH PART

INDOOR UNIT



Pre-filter

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

Front panel

Indoor unit indicators

Light indicator showing the operating condition.
(Refer page 5)

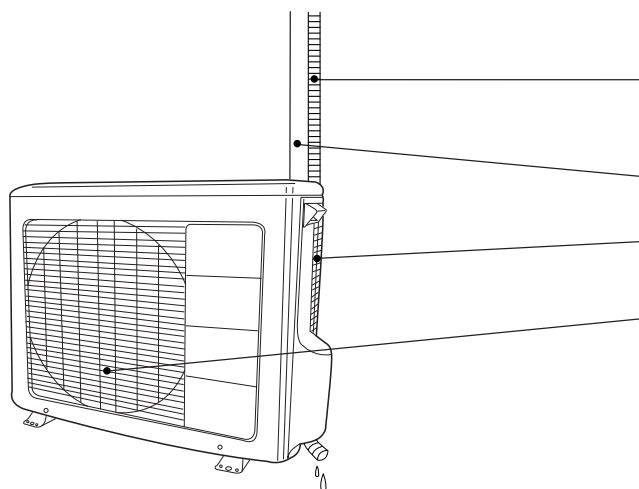
Horizontal deflector • Vertical deflector (Air Outlet)

(Refer page 14)

Remote controller

Send out operation signal to the indoor unit. So as
to operate the whole unit.
(Refer page 6)

OUTDOOR UNIT



Drain pipe

Condensed water drain to outside.

Connecting cord and insulation pipe for piping

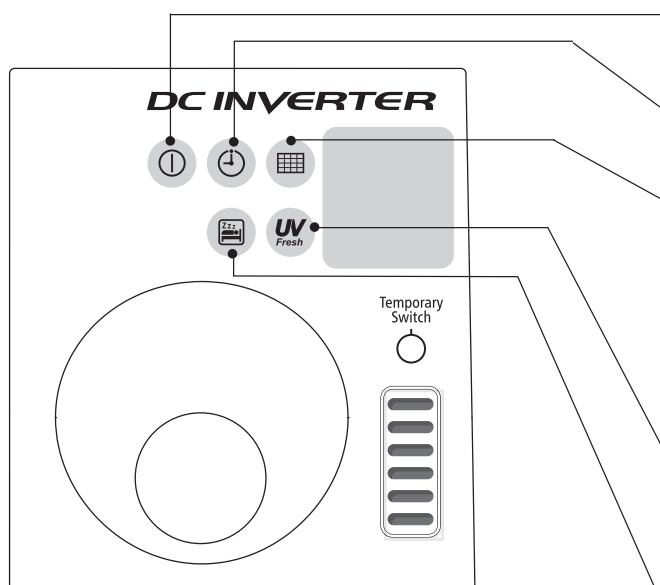
Air inlet (Back, Left side)

Air outlet

MODEL NAME AND DIMENSIONS

MODEL	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
RAS-DX18CF	900	300	230
RAC-DX18CF	750	570	280

INDOOR UNIT INDICATORS




OPERATION LAMP

This lamp lights during operation.

TIMER LAMP

This lamp lights when the timer is working.

FILTER LAMP

When the device is operated for a total of about 200 hours, the FILTER lamp lights to indicate that it is time to clean the filter. The lamp goes out when the “ (AUTO SWING)” button is pressed while the device is on “STANDBY MODE”.

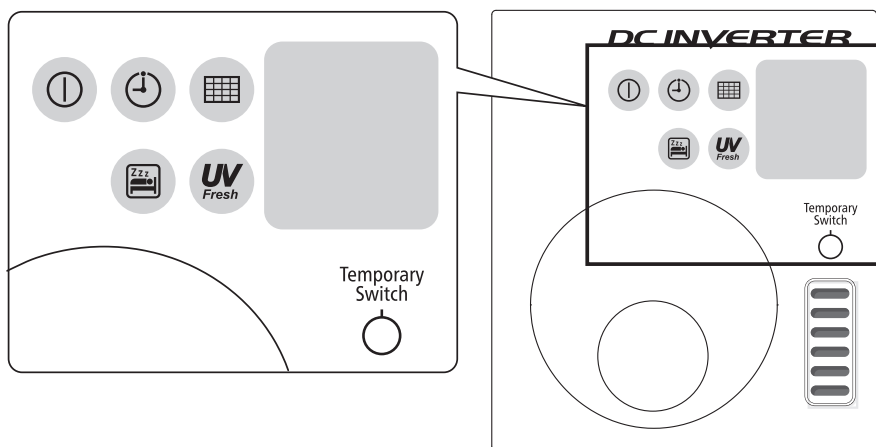
UV FRESH

UV Fresh lamp can be ON or OFF by press the operation button. Please refer to page 10 for detail operation.

AIR SLEEP

This lamp lights when the Air Sleep function is in operation. Please refer to page 9 for detail operation.

OPERATION INDICATOR



TEMPORARY SWITCH

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

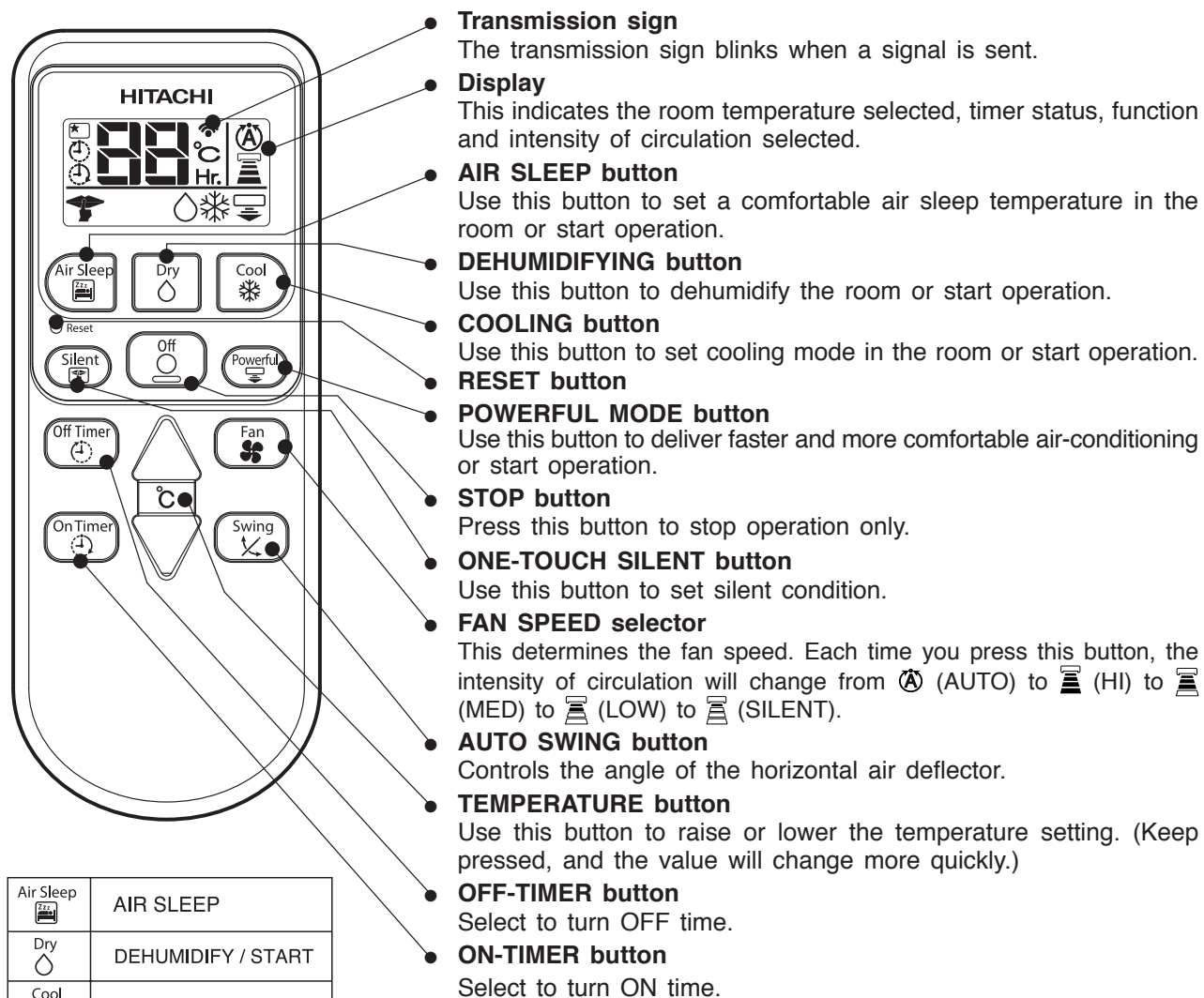
- By pressing the temporary switch, the operation is done in previously set operation mode.
- When the operation is done using the temporary switch after the power source is turned off and turn on again, the operation is done in automatic mode.

NAMES AND FUNCTIONS OF REMOTE CONTROL UNIT

REMOTE CONTROLLER

This controls the operation of the indoor unit. Signal range to reach indoor unit is about 7 meters. If inverter lamp is used, the range of control may be shorter.

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.



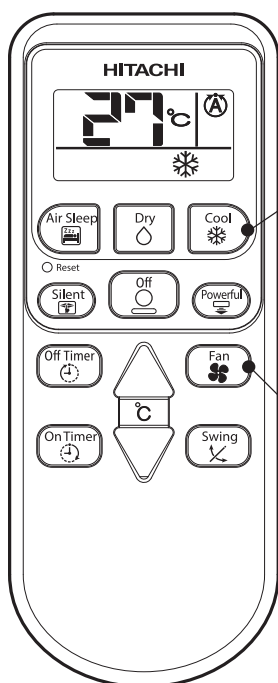
Air Sleep	AIR SLEEP
Dry	DEHUMIDIFY / START
Cool	COOLING / START
Fan	FAN
<div> <div>(A)</div> <div>(SILENT)</div> <div>(LOW)</div> <div>(MED)</div> <div>(HI)</div> </div>	FAN SPEED
Off	STOP
On Timer	TIMER SELECTOR
On Timer	ON TIMER
Off Timer	OFF TIMER
Swing	AUTO SWING
Silent	ONE-TOUCH SILENT
Powerful	POWERFUL MODE



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 protect it from water.
- Once the outdoor unit stops, it will not restart for about 3 minutes (unless you turn the power switch off and on or unplug the power cord and plug it in again).
This is to protect the device and does not indicate a failure.

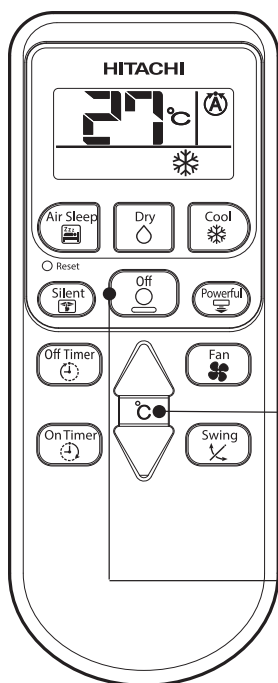
COOLING OPERATION


Use the device for cooling when the outdoor temperature is 21~43°C.
If indoor humidity is very high (over 80%), some dew may form on the air outlet grille of the indoor unit.




Press the  (COOLING) button so that the display indicates  (COOL).


Cooling operation starts with a beep.
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.



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 automatically when the preset temperature has been reached.

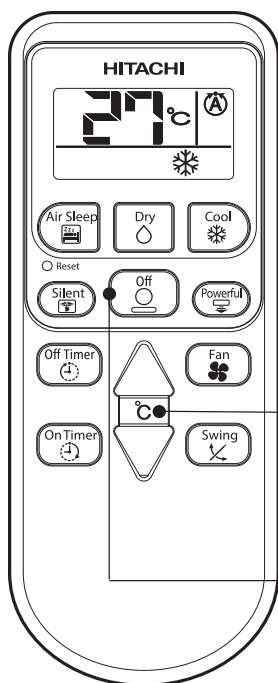


 (HI) : Hi fan speed mode.

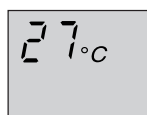
 (MED) : Medium fan speed mode.

 (LOW) : Low fan speed mode.

 (SILENT) : Silent fan speed mode.



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



The range of 25~28°C is recommended as the room temperature for cooling.
If the temperature setting is 27°C, the room temperature will be controlled at around 27°C.

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

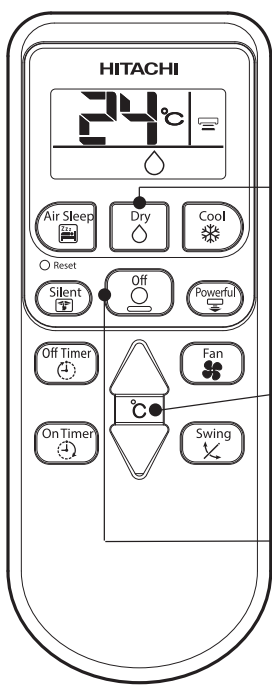
STOP


Press the  button to stop operation.

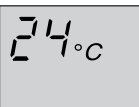
- As the settings are stored in memory in the remote controller, you only have to press the  (COOLING) button to repeat the same settings next time.


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  (DEHUMIDIFY) button.
Dehumidifying operation starts with a beep.
The FAN SPEED is set at SILENT or LOW automatically.
The FAN SPEED button can be used to change between SILENT and LOW only.

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.

STOP Press the  button to stop operation.

■ As the settings are stored in memory in the remote controller, you only have to press the  (DEHUMIDIFY) button next time.

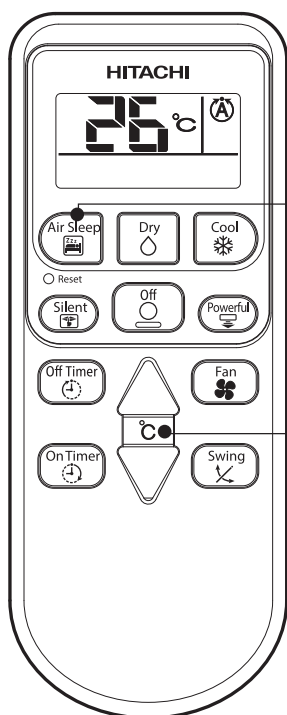
■ Dehumidifying Function

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. You might feel a bit colder in dehumidifying operation.

AIR SLEEP MODE

With the air sleep sensor, the air conditioner can monitor the activity/movement level in a room and adjust the temperature and humidity automatically, thus achieving the purpose of comfortable sleep environment and energy saving.



1

Press the  (Air Sleep) button.



- Air sleep operation starts with a signal received sound "beep". (Air sleep lamp at indoor unit lights during operation.)

2




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




The range of 25-28°C is recommended as the room temperature for comfortable sleep.

- At first unit will operate at cooling mode for 1 hour at setting conditions.
- If there is only small activity/movement or sleep is confirmed, the temperature will be increased 1°C and the unit will continue running for 1 hour. The fan speed will be changed to SILENT.
- If the condition of activity in the room stable, then the unit will continue running with the temperature increased of another 1°C.
- During running Air Sleep, if big activity/movement is detected, the temperature and fan speed will be resume back at previous setting.
- The desire fan speed can be selected by press  button.
To resume back to the SILENT fan speed, please press  button.

CANCELLATION of AIR SLEEP Operation

Cancel Condition	Operation mode after cancel
Press  button.	Stop operation
Press  button	COOLING operation
Press  button	DEHUMIDIFYING operation

NOTE




- (1)  POWERFUL operation : POWERFUL operation will be a priority over the AIR SLEEP operation.

NOTE










The sensor detects changes to the infrared generated by human bodies. Therefore, the accuracy of sensor may be affected in the following cases:

- The activity level is very low (reading, watching TV, etc.) or human bodies are blocked by a screen, cabinet or glass board.
- The indoor temperature is very high and exceeds or approaches the human body temperature (when the refrigeration just begins).
- The person wears thick clothes and turns his/her back to the air conditioner.
- Curtains or plant leaves swing due to pet movement or airflow.





















HOW TO ACTIVATE AND TO CANCEL UV FRESH

After activation of any operation button ( or  or ), **UV Fresh** lamp will ON. By pressing the operation button again which is set previously, it can OFF the **UV Fresh** lamp.




CONDITION 1 – During first time usage.

Operation Button	UV Fresh Lamp
Press  or  or 	ON
Press  or  or  again	OFF
Press  or  or  again	ON

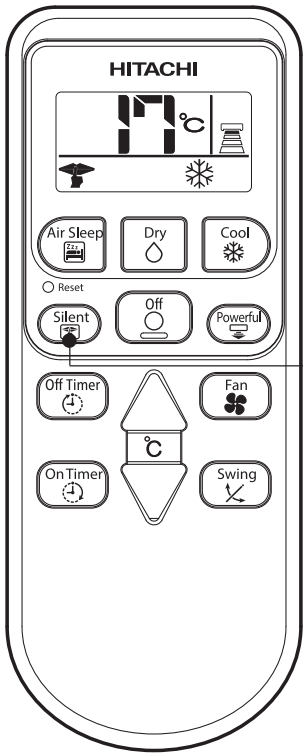
CONDITION 2 – After enter standby mode.

Operation Button	UV Fresh Lamp
Press  or  or 	ON
Press  or  or  again	OFF
Press 	OFF
Press  or  or 	OFF
Press  or  or  again	ON
Press 	OFF
Press  or  or 	ON
Press  or  or  again	OFF

Note:

During first time usage, if **UV Fresh** Lamp is OFF, it is not malfunction. Press operation button  or  or  to ON the **UV Fresh** Lamp.





ONE-TOUCH SILENT MODE



Press the  button.

- One time push to activate Super Silent symbol.
- Operation start with a signal received sound “beep”.
- Unit will be forced to operate in Cooling mode ❄️ and indoor fan speed will be changed to SILENT.
- Press again to stop it, unit will continue to operate in cooling mode base on previous setting.

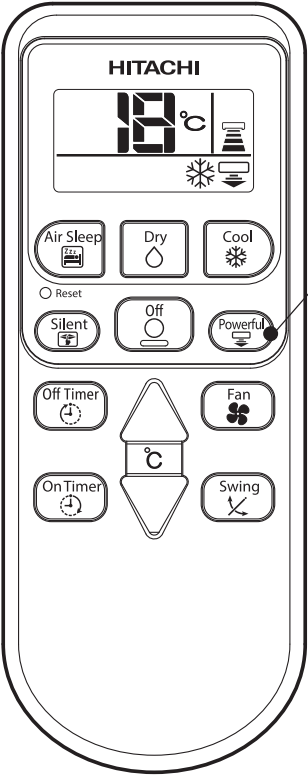
CANCELLATION of ONE-TOUCH SILENT Operation

Cancel Condition	Operation mode after cancel
Press  button.	Stop operation
Press  button	POWERFUL operation
Press  button	Cooling operation based on previous fan speed
Press  button	

NOTE:



Under ONE-TOUCH SILENT operation and quiet environment, phenomena like flowing noise of refrigerant in the refrigerating cycle may occur, but this is normal for the operation.

ONE-TOUCH POWERFUL MODE










If feeling so cold,
cancel this powerful
mode as mentioned in
“CANCELLATION of
POWERFUL operation”.



Press the  button.

- Operation start with a signal received sound “beep”.
- Unit will be forced operate in ❄️ (COOL) with POWERFUL MODE fan speed for 60 minutes, within this 60 minutes, fan speed may varies.  Indicator appear during this period while temperature and fan speed setting display remain unchanged. (Operation lamp at indoor unit is blinking).
- After 60 minutes, operation lamp stop blinking and  indicator will disappear while unit will be in previous mode setting. Temperature and fan speed will change to previous setting.
- Air blow sound will be slightly high due to forced operation.

CANCELLATION of POWERFUL Operation

Cancel Condition	Operation mode after cancel
Press  or SLEEP timer time is up	Stop operation
 key press	DEHUMIDIFYING operation
 key press	AIR SLEEP operation
Press  or Press  or Press  or Press  or 60 minutes time is up	COOLING operation in previous setting

NOTE

- (1)  OFF TIME setting : OFF timer will be a priority over the POWERFUL operation time.
- (2)  ON TIME setting : POWERFUL operation will be a priority over the ON timer operation time.


HOW TO SET THE TIMER

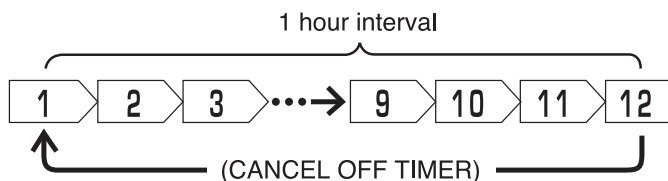
■ ON Timer and OFF Timer are available.

OFF Timer Reservation

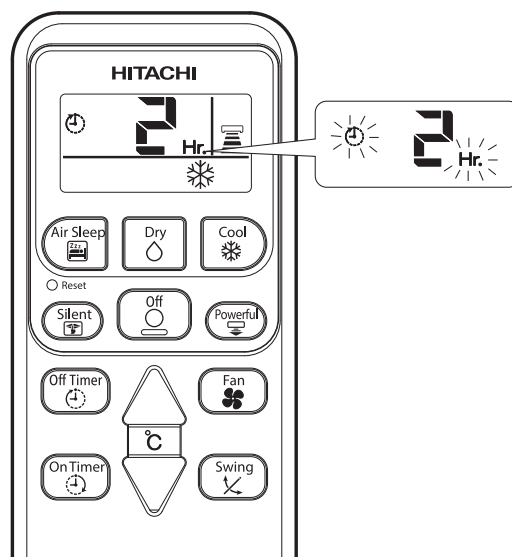


OFF TIME setting

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




■ Operation stop at setting time

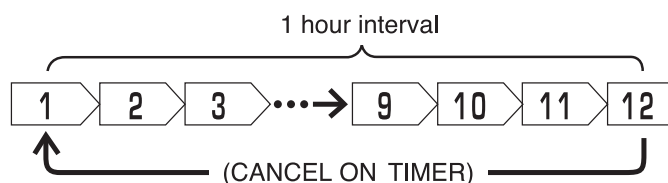


ON Timer Reservation

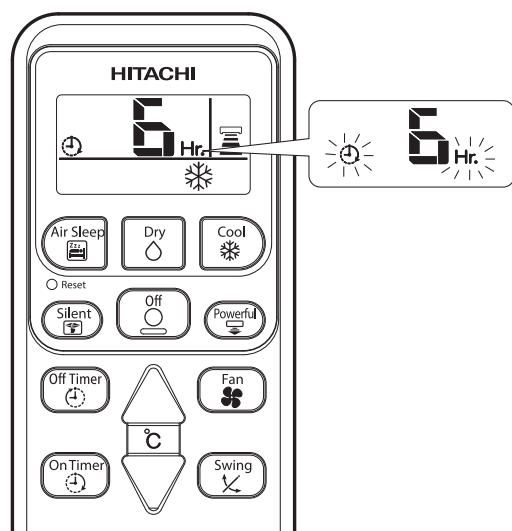


ON TIME setting

- Select the ON TIMER by pressing the  (ON) Button.
- Setting time will change according to the below sequence.




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




AIR FLOW LOUVERS ADJUSTMENTS

1

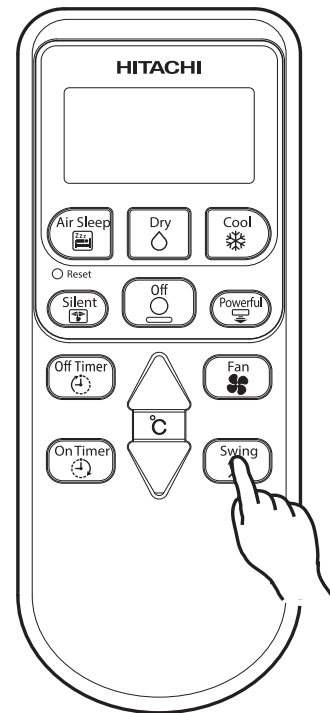
Adjustment of the conditioned air in the upward and downward directions.

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)” button.

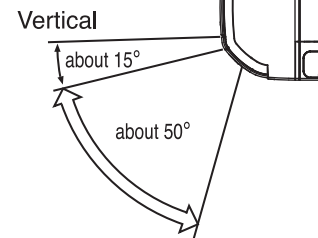
- If the “ (AUTO SWING)” button is pressed once, the horizontal air deflector swings up and down. If the button is pressed again, the deflector stops in its current position. Several seconds (about 6 seconds) may be required before the deflector starts to move.
- Use the horizontal air deflector within the adjusting range shown on the right.
- When the operation is stopped, the horizontal air deflector moves and stops at the position where the air outlet closes.

⚠ CAUTION

- In “Cooling” operation, do not keep the horizontal air deflector swinging for a long time. Some dew may form on the horizontal air deflector and dew may drop.



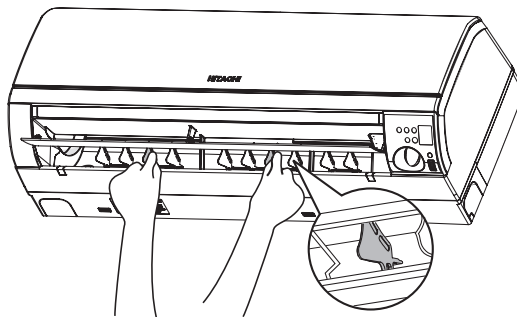
When cooling, dehumidifying



2

Adjustment of the conditioned air to the left and right.

Hold the second vertical air deflector of each set of vertical air deflectors from right as shown in the figure and adjust the conditioned air to the left and right.

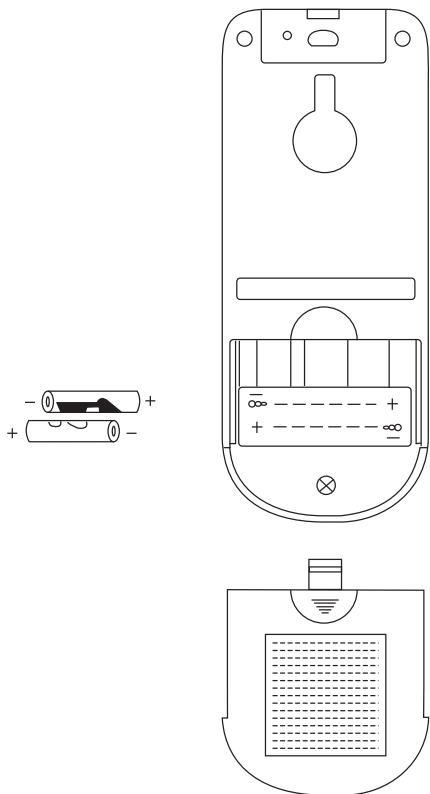


⚠ WARNING

Do not insert a finger, a rod or other objects into the air outlet or inlet as the fan is rotating at a high speed, it will cause injury. Before any cleaning or adjusting the deflectors, be sure to switch OFF the operation.

HOW TO EXCHANGE THE BATTERIES IN THE REMOTE CONTROLLER

When using the remote control, if there is no response from the air conditioner unit and or the remote control has fading and dim displays, the batteries in the remote control device need to be removed and replaced with new ones



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.

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 leakages

THE IDEAL WAYS OF OPERATION

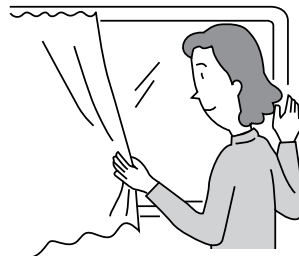
Suitable Room Temperature



⚠ 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

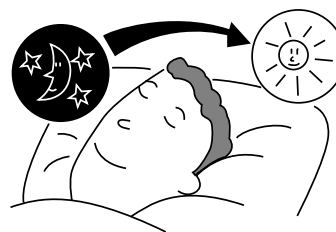
⚠ Caution

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



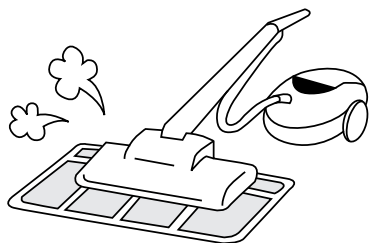
Effective Usage Of Timer

At night, please use the “OFF or ON 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.



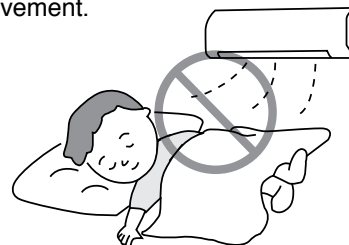
Do Not Forget To Clean The Pre-Filter

Dusty pre-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

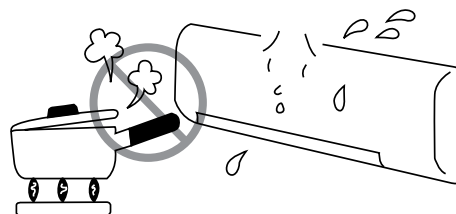
Please pay attention to the room temperature and air flow direction when operating the unit for baby, children and old folks who have difficulty in movement.



The Air Conditioner And The Heat Source In The Room

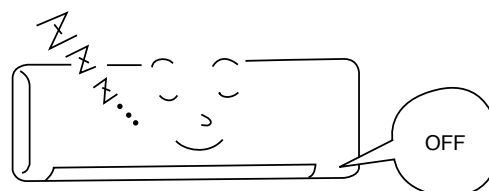
⚠ Caution

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

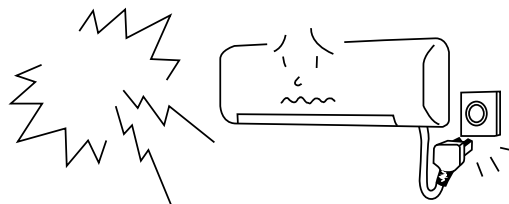
When the indoor unit is not to be used for a long period of time, please switch off the power from the mains. If the power from mains remains "ON", the indoor unit still consumes about 8W in the operation control circuit even if it is in "OFF" mode.



When Lightning Occurs

⚠ Warning

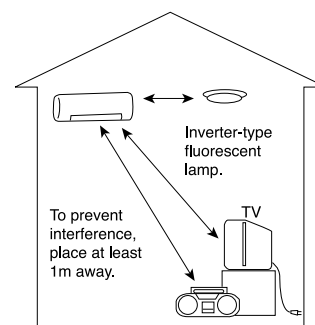
To protect the whole unit during lightning, please stop operating the unit and remove the plug from the socket.



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.



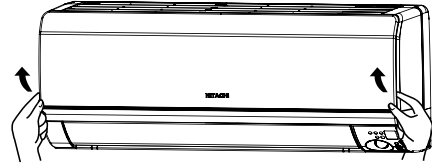
ATTACHING THE AIR PURIFYING FILTERS

⚠ CAUTION

Cleaning and maintenance must be carried out when filter lamp lights. Before cleaning, stop operation and switch off the power supply.

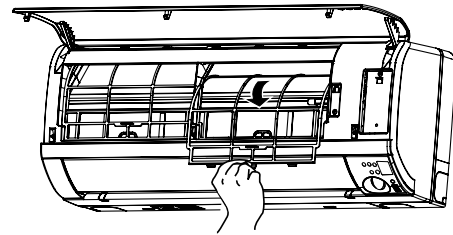
1 Open the front panel

- Pull up the front panel by holding it at both sides with both hands.



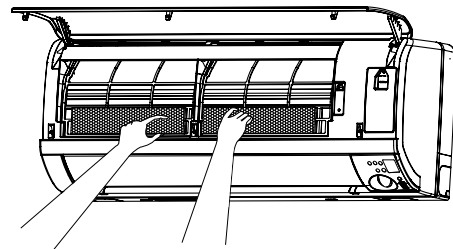
2 Remove the Pre-filter

- Push upward to release the claws and pull out the Pre-filter.



3 Attaching the air purifying filters

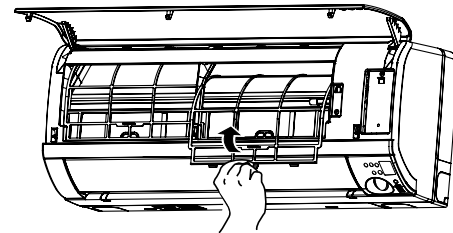
- Attach the air purifying filters to the frame by gently compress its both sides and release after insertion into Pre-filter frame.



⚠ CAUTION

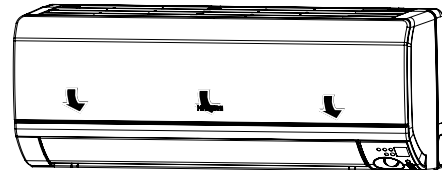
Do not bend the air purifying filter as it may cause damage to the structure.

Please do not smell direct from source of filter.



4 Attach the Pre-filters

- Attach the Pre-filters by ensuring that the surface written "FRONT" is facing front.
- After attaching the Pre-filters, push the front panel at three arrow portions as shown in figure and close it.



NOTE

- In case of removing the air purifying filters, please follow the above procedures.
- The cooling capacity is slightly weakened and the cooling speed becomes slower when the air purifying filters are used. So, set the fan speed to "HIGH" when using it in this condition.
- Air purifying filters are not washable. It is recommended to use vacuum to clean it. It can be used for 1 year time. Type number for this air purifying filter is <SPX-CFH22>. Please use this number for ordering when you want to renew it.
- Do not operate the air conditioner without Pre-filter. Dust may enter the air conditioner and fault may occur.

⚠ CAUTION

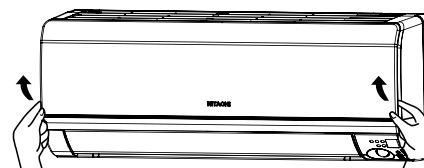
Cleaning and maintenance must be carried out when filter lamp lights. Before cleaning, stop operation and switch off the power supply.

1. PRE-FILTER

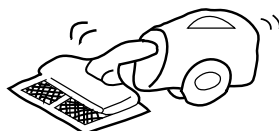
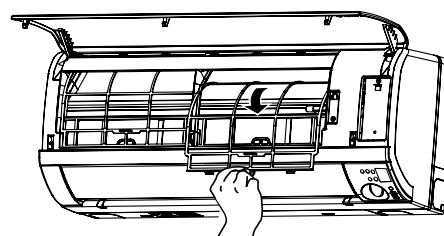
Clean the Pre-filter, as it removes dust inside the room. In case the Pre-filter is full of dust, the air flow will decrease and the cooling capacity will be reduced. Further, noise may occur. Be sure to clean the Pre-filter following the procedure below.

PROCEDURE

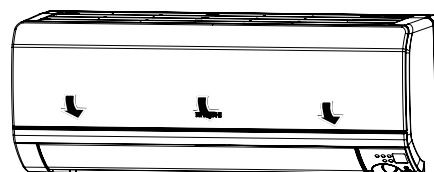
- 1 Open the front panel and remove the Pre-filter
 - Gently lift and remove the air purifying filters from the air purifying filter frame.



- 2 Vacuum dust from the Pre-filter and air purifying filter using vacuum cleaner. If there is too much dust, rinse under running tap water and gently brush it with soft bristle brush. Allow filters to dry in shade.



- 3
 - Re-insert the air purifying filter to the filter frame. Set the Pre-filter with "FRONT" mark facing front, and slot them into the original state.
 - After attaching the Pre-filters, push the front panel at three arrow portions as shown in figure and close it.



NOTE:

- Air purifying filter should be cleaned every month or sooner if noticeable loading occurs. When used overtime, it may loose its deodorizing function. For maximum performance, it is recommended to replace it every 1 year depending on application requirements.

⚠ CAUTION

- Do not wash with hot water at more than 40°C. The pre-filters may shrink.
- When washing it, shake off moisture completely and dry it in the shade; do not expose it directly to the sun. The pre-filters may shrink.
- Do not use detergent on the air purifying filter as some detergent may deteriorate the air purifying filter electrostatic performance.

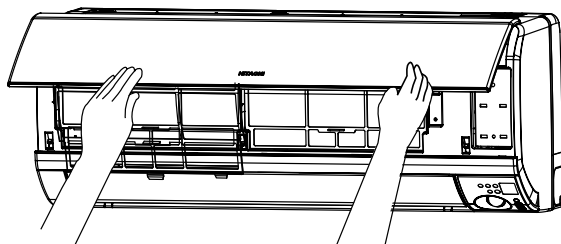
2. CLEANING OF FRONT PANEL

- Remove the front panel and wash with clean water.
Wash it with a soft sponge.
After using neutral detergent, wash thoroughly with clean water.
- When front panel is not removed, wipe it with a soft dry cloth. Wipe the remote controller thoroughly with a soft dry cloth.
- Wipe the water thoroughly.
If water remains at indicators or signal receiver of indoor unit, it causes trouble.

Method of removing the front panel.
Be sure to hold the front panel with both hands to detach and attach it.

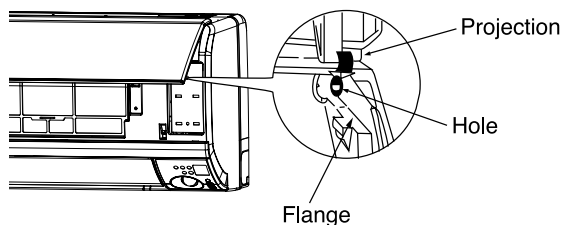


Removing the Front Panel



- When the front panel is fully opened with both hands, push the right arm to the inside to release it, and while closing the front panel slightly, pull it out forward.

Attaching the Front Panel



- Move the projections of the left and right arms into the Flanges in the unit and securely insert them into the holes.

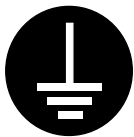
CAUTION

- Never use hot water (above 40°C), benzene, gasoline, acid, thinner or a brush, because they will damage the plastic surface and the coating.



⚠ 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.



NOTE

If the supply cord is damaged, it must be replaced by the special cord obtainable at authorized service/parts centers.

⚠ CAUTION

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

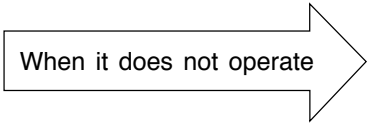
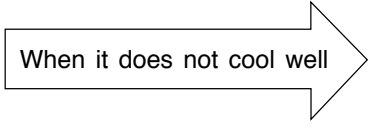
REGULAR INSPECTION

PLEASE CHECK THE FOLLOWING POINTS BY QUALIFIED SERVICE PERSONNEL EITHER EVERY HALF YEARLY OR YEARLY. CONTACT YOUR SALES AGENT OR SERVICE SHOP.

1		Is the earth line disconnected or broken?
2		Is the mounting frame seriously affected by rust and is the outdoor unit tilted or unstable?
3		Is the plug of power line firmly plugged into the socket? (Please ensure no loose contact between them).

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">● Was the air filter cleaned?● 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 the air filter and the evaporator regularly must be cleaned 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.

[illegible]