



LG

Ceiling Duct-Type Air Conditioner

OWNER'S MANUAL

LG

IMPORTANT

Please read through this manual. It contains valuable information about your air conditioner. This manual may help save time and money by explaining proper product maintenance and preventing improper use.

PRECAUTIONS

Pay close attention to precautions in order to prevent potential hazards and damage from misuse or improper installation. LG is not responsible for any damages caused by misuse of the product.

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www.lg.com



MFL37347408

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For Your Records

Write the model and serial numbers here:

Model # _____

Serial # _____

You can find them on a label on the side of each unit.

Dealer's Name _____

Date Purchased _____

Read This Manual

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.



CAUTION

- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.



Safety Precautions

Precautions

To prevent injury and property damage, follow these instructions.

⚠ Incorrect operation due to ignoring instructions will cause harm or damage, the seriousness of which is indicated by the following symbols.



WARNING This symbol shows the possibility of death or serious injury.



CAUTION This symbol indicates the possibility of injury or damage to property.



Never Do This



Always Do This

Installation precautions

⚠ WARNING

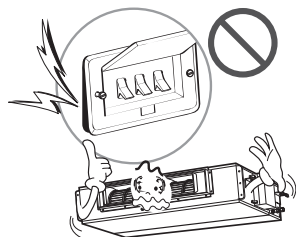
- Do not install, remove and reinstall the unit by yourself.
 - Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer or specialist for the installation work. Please note fault caused by improper installation is not covered by warranty.
 - Unit must be installed in an easily accessible area. Any additional cost required to hire a special equipment to service the unit will be the responsibility of the customer.

⚠ WARNING

■ Installation

Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.

- There is risk of fire or electric shock.



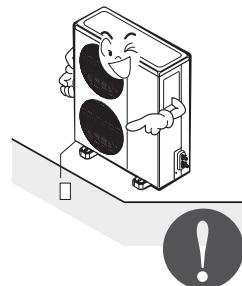
For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center.

- Do not disassemble or repair the product. There is risk of fire or electric shock.



Always ground the product.

- There is risk of fire or electric shock.



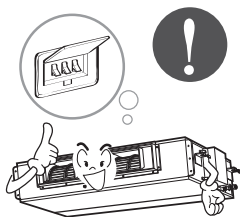
Install the panel and the cover of control box securely.

- There is risk of fire or electric shock.



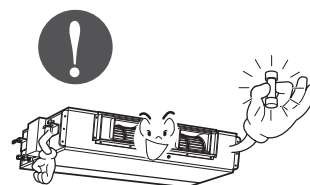
Always install a dedicated circuit and breaker.

- Improper wiring or installation may cause fire or electric shock



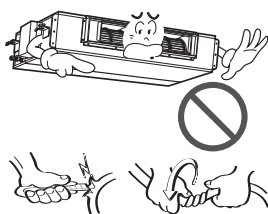
Use the correctly rated breaker or fuse.

- There is risk of fire or electric shock.



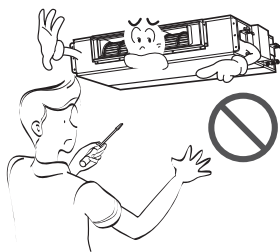
Do not modify or extend the power cable.

- There is risk of fire or electric shock.



Do not install, remove, or re-install the unit by yourself (customer).

- There is risk of fire, electric shock, explosion, or injury.



Be cautious when unpacking and installing the product.

- Sharp edges could cause injury. Be especially careful of the case edges and the fins on the condenser and evaporator.



For installation, always contact the dealer or an Authorized Service Center.

- There is risk of fire, electric shock, explosion, or injury.



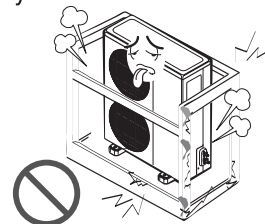
Do not install the product on a defective installation stand.

- It may cause injury, accident, or damage to the product.



Be sure the installation area does not deteriorate with age.

- If the base collapses, the air conditioner could fall with it, causing property damage, product failure, and personal injury.



■ Operation

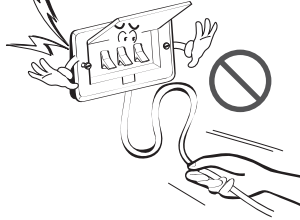
Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

- Moisture may condense and wet or damage furniture.



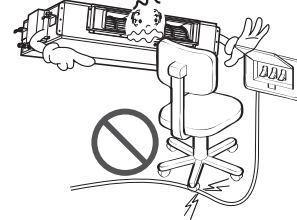
Take care to ensure that power cable could not be pulled out or damaged during operation.

- There is risk of fire or electric shock.



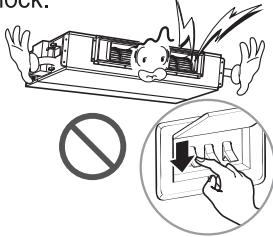
Do not place anything on the power cable.

- There is risk of fire or electric shock.



Do not plug or unplug the power supply plug during operation.

- There is risk of fire or electric shock.



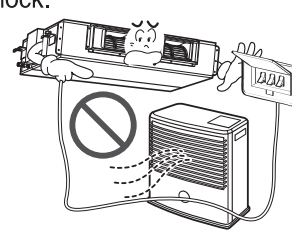
Do not touch (operate) the product with wet hands.

- There is risk of fire or electrical shock.



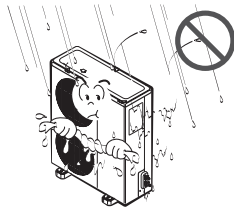
Do not place a heater or other appliances near the power cable.

- There is risk of fire and electric shock.



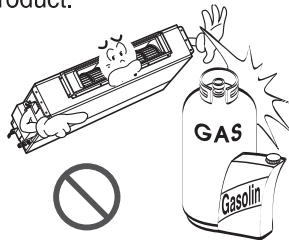
Do not allow water to run into electric parts.

- It may cause There is risk of fire, failure of the product, or electric shock.



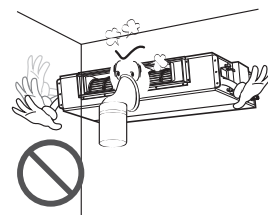
Do not store or use flammable gas or combustibles near the product.

- There is risk of fire or failure of product.



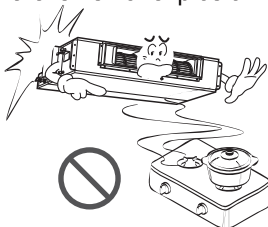
Do not use the product in a tightly closed space for a long time.

- Oxygen deficiency could occur.



When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

- Do not use the telephone or turn switches on or off. There is risk of explosion or fire.



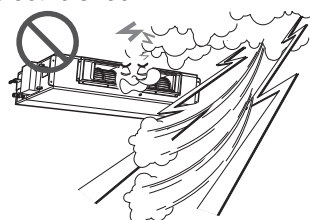
If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

- There is risk of electric shock or fire.



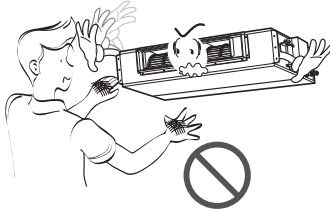
Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

- There is risk of property damage, failure of product, or electric shock.



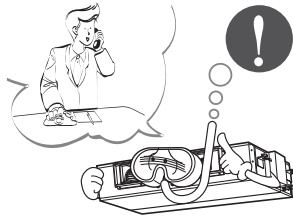
**Do not open the inlet grill of the product during operation.
(Do not touch the electrostatic filter, if the unit is so equipped.)**

- There is risk of physical injury, electric shock, or product failure.



When the product is soaked (flooded or submerged), contact an Authorized Service Center.

- There is risk of fire or electric shock.



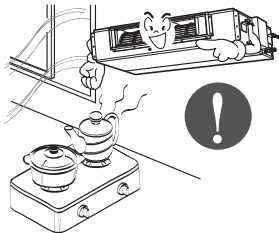
Be cautious that water could not enter the product.

- There is risk of fire, electric shock, or product damage.



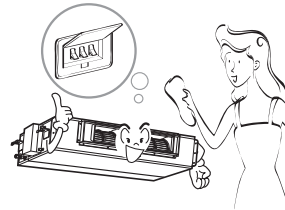
Ventilate the product from time to time when operating it together with a stove, etc.

- There is risk of fire or electric shock.



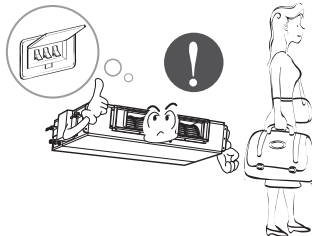
Turn the main power off when cleaning or maintaining the product.

- There is risk of electric shock.



When the product is not be used for a long time, disconnect the power supply plug or turn off the breaker.

- There is risk of product damage or failure, or unintended operation.



Take care to ensure that nobody could step on or fall onto the outdoor unit.

- This could result in personal injury and product damage.

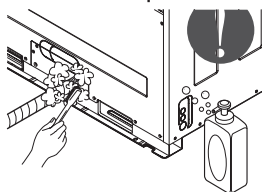


CAUTION

Installation

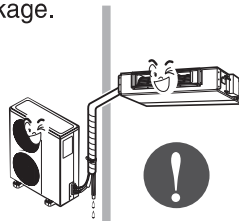
Always check for gas (refrigerant) leakage after installation or repair of product.

- Low refrigerant levels may cause failure of product.



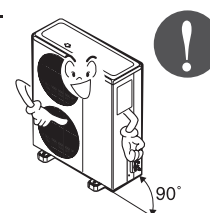
Install the drain hose to ensure that water is drained away properly.

- A bad connection may cause water leakage.



Keep level even when installing the product.

- To avoid vibration or water leakage.



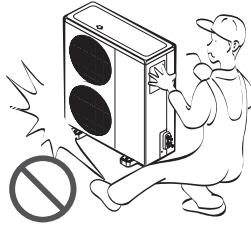
Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.

- It may cause a problem for your neighbors.



Use two or more people to lift and transport the product.

- Avoid personal injury.



Do not install the product where it will be exposed to sea wind (salt spray) directly.

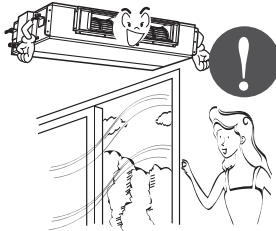
- It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.



■ Operation

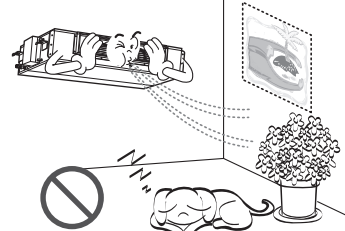
Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

- This could harm to your health.



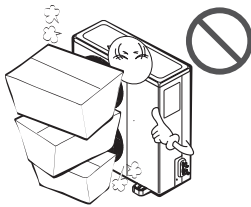
Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

- There is risk of damage or loss of property.



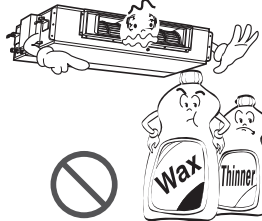
Do not block the inlet or outlet of air flow.

- It may cause product failure.



Use a soft cloth to clean. Do not use harsh detergents, solvents, etc.

- There is risk of fire, electric shock, or damage to the plastic parts of the product.



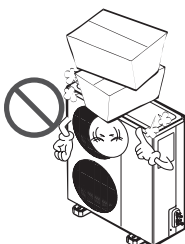
Do not touch the metal parts of the product when removing the air filter. They are very sharp!

- There is risk of personal injury.



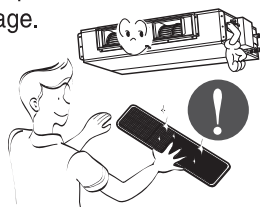
Do not step on or put anything on the product. (outdoor units)

- There is risk of personal injury and failure of product.



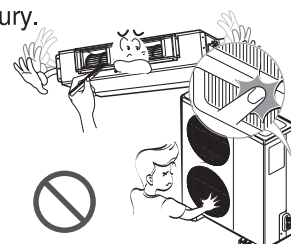
Always insert the filter securely. Clean the filter every two weeks or more often if necessary.

- A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.



Do not insert hands or other objects through the air inlet or outlet while the product is operated.

- There are sharp and moving parts that could cause personal injury.



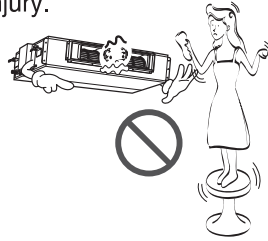
Do not drink the water drained from the product.

- It is not sanitary and could cause serious health issues.



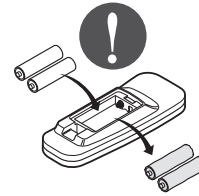
Use a firm stool or ladder when cleaning or maintaining the product.

- Be careful and avoid personal injury.



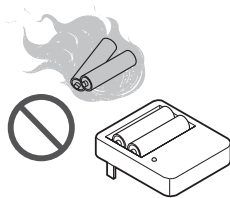
Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

- There is risk of fire or explosion



Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.

- They may burn or explode.



If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.



Prior to Operation

Preparing for operation

1. Contact an installation specialist for installation.
2. Use a dedicated circuit.

Usage

1. Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

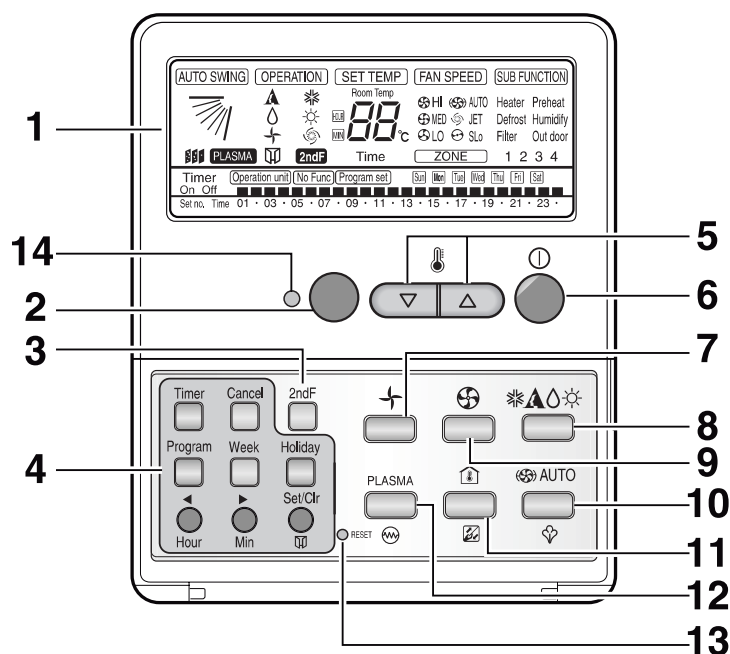
Cleaning and maintenance

1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Name and Function of Remote Controller

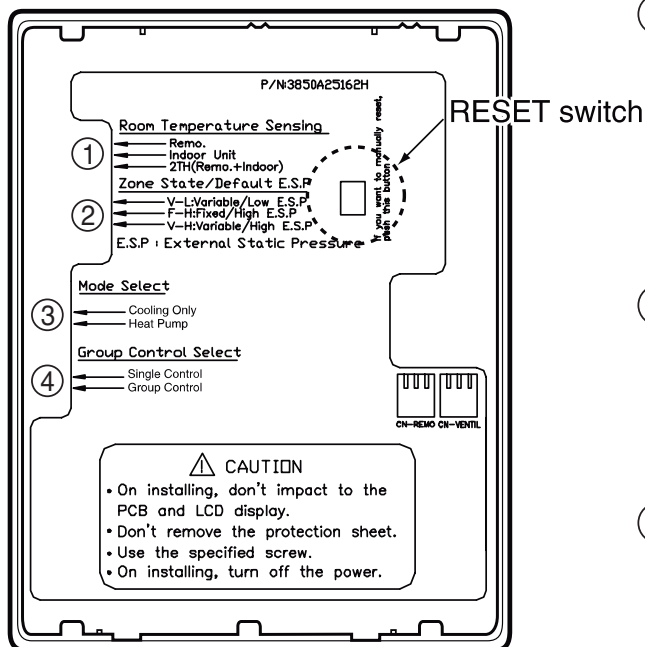


1. Operation indication screen
2. • Wireless remote controller receiver (optional)
3. 2ndF button (For number of COMP selection)
4. Timer set/cancel
Program/Week/Holiday
Hour/Min/SET/Clr/ * Ventilator
5. Set temperature button
6. ON/OFF button
7. Fan operation
8. Operation mode selection button
9. Fan speed button
10. • Fan auto/Humidification button (optional)
11. Room temperatur/filtersign
release button
12. • Plasma/Heater button (optional)
13. Time reset button
14. Operation lamp

※ Operation lamp lights on during the indoor operation. If error occurs, the lamp lights on red color.

• Optional feature.

DUCT TYPE



① Room Temperature Sensing select Switch

1. Use Remocon's sensor
2. Use Indoor's sensor
3. Use sensor which has lower temperature between Remocon's and indoor's

② Zone State/Default E.S.P

1. Variable/Low E.S.P
2. Fixed/High E.S.P
3. Variable/High E.S.P

③ Mode select switch

1. Cooling only
2. Heat pump (optional)

④ Group control select switch

1. Case of Single control
2. Case of Group control (optional)

IDU Fan Speed Provision

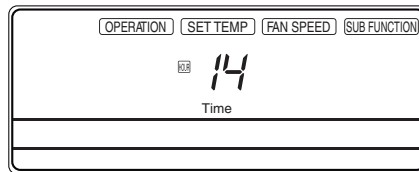
Capacity	IDU Fan Speed
66K BTU/H	3 Speed (Hi, Low and Medium)
102K BTU/H	3 Speed (Hi, Low and Medium)
132K BTU/H	3 Speed (Hi, Low and Medium)

* When changing the product selection switch and group control switch, you must press the reset switch to use the changed selection.

Set the Current Time and a day of the Week

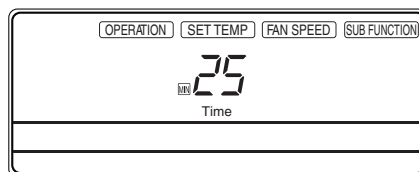
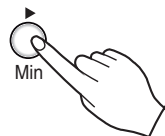
1 Press the '  ' button.

Each time the button is pressed, the number is changed from 00 to 23.
You can set the number of the current hour.



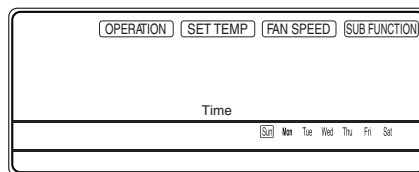
2 Press the '  ' button.

Each time the button is pressed, the number is increased from 00 to 59.
You can set the number of the current minute.



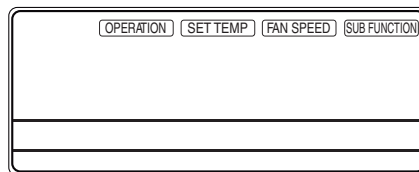
3 Press '  ' button.

Each time the button is pressed, a day of the week is shifted from Sunday to Saturday.
You can set the day of the week.



4 Press the '  RESET ' button.

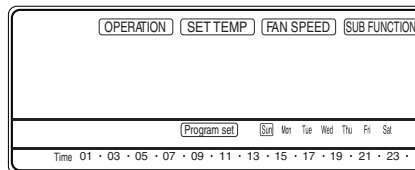
If you want to reset the current time and a day of the week, click the Reset button.



Weekly Programming

1 Press the Program button.

The remote controller is displayed like a picture. Then '  ', '  ' and '01' is blinked.



2 Press the ' ' button.

Press  button repeatedly until desired mode appears.



For example, if you want Thu, press  button 4 times.

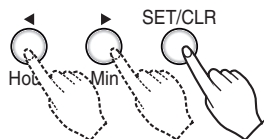
3 Select the time you want.

Press  or  button, then blinking letter is shown.

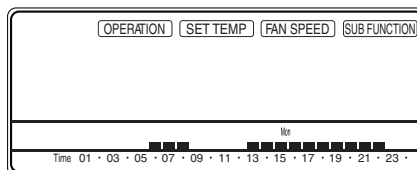
If you press  button, then '  ' shape appears.

'  ' shape means that five o'clock is reserved.

Using below buttons, you can reserve time.



* For example, the air-conditioner is on 6,7,8 and 13~22 o'clock.



4 Press the Program button again to finish weekly programming.



Holiday Setting

If Tuesday is a holiday in this week, you may set a holiday.

- 1 Press the Program button.



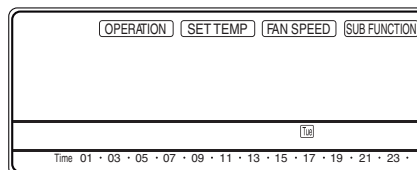
- 2 Press the Week button.
Select the Tuesday.



- 3 Press the Holiday button.



Then the remote controller will be displayed 'Tue'.
The outside rectangular means holiday.



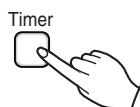
- 4 Press the Program button again to finish holiday setting.



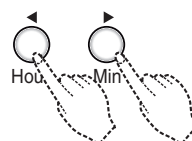
Timer Setting (Delay start/Pre-set stop)

This function is used to turn on or turn off in several hours.

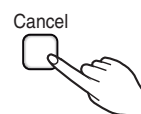
- 1 Press the Timer button
to turn Timer on or off.



- 2 Change the timer setting until the desired time is set.



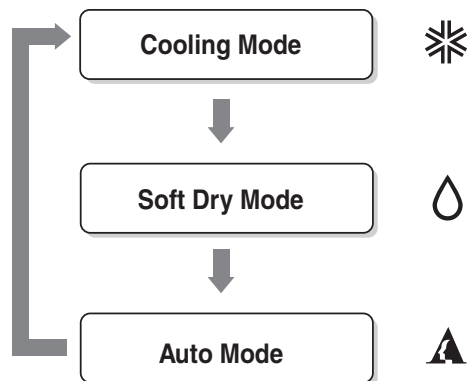
- 3 If you want to cancel the timer setting, press the Cancel button.



Note :-

- ON Timer is available when unit is OFF.
- OFF Timer is available when unit is ON.
- It starts counting time after Timer was set.
- Timer can be set upto 24 hours.

Operation Mode



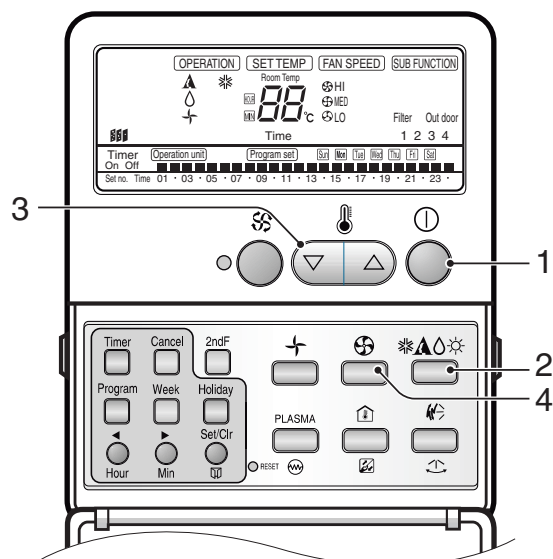
Operation Procedure

1st On/Off Button

2nd Operation Mode Selection Button

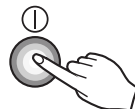
3rd Room Temperature Setting Button

4th Indoor Fan Speed Selection Button



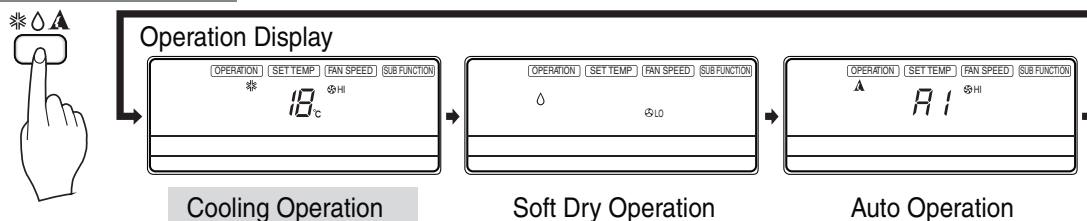
Cooling Operation Mode

1 Press the On/Off Button.

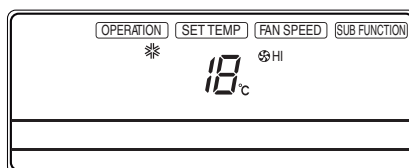


2 Select Cooling Operation.
Press the Operation Mode Selection Button.
Each time the button is pressed, the operation mode is shifted in the arrow direction.

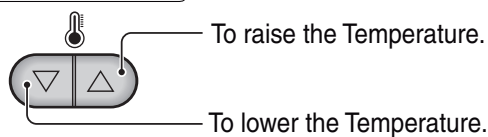
COOLING MODEL



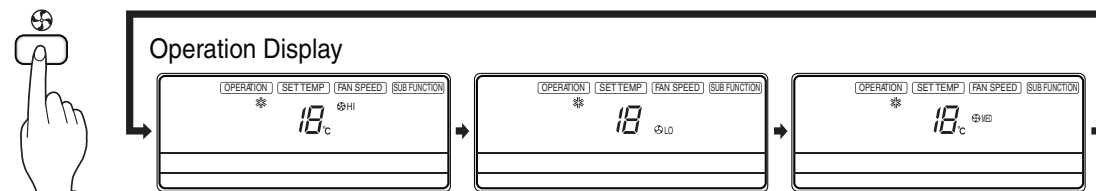
3 Set the temperature lower than the room temperature.



• The temperature can be set within a range of 18°C ~ 30°C by 1°C.



4 Set the fan speed.



- Select the fan speed in three steps- high, low, medium.
- The display shows high fan speed.
- Each time the button is pressed, the fan speed mode is shifted.

Soft Dry Operation Mode

This mode dehumidifies without overcooling.

1 Press the On/Off Button.

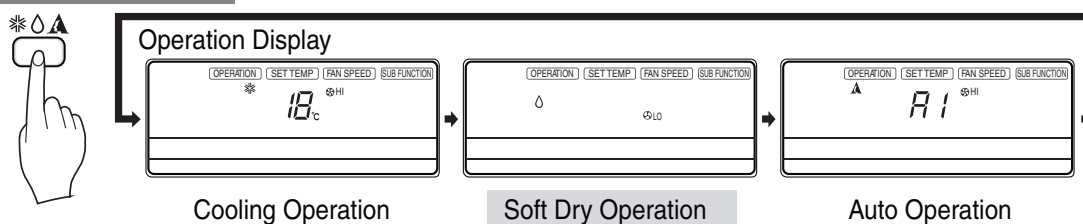


2 Select Soft Dry Operation.

Press the operation Mode Selection Button.

Each time the button is pressed, the operation mode is shifted in the arrow direction.

COOLING MODEL



3 During Soft Dry Operation.

- The indoor fan speed is automatically set to the low, so the shift of the indoor fan speed is impossible because it's already being set to the best speed for Dry Operation by Micom Control.

Auto Operation Mode

1 Press the On/Off Button.

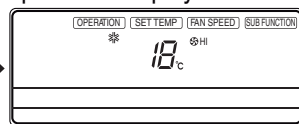


2 To select Auto Operation , press the Operation Mode Selection button.
Each time the button is pressed, the operation mode is shifted in the direction of the arrow.

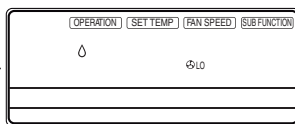
COOLING MODEL



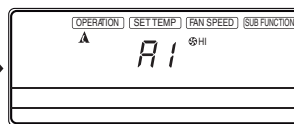
Operation Display



Cooling Operation



Soft Dry Operation



Auto Operation

During Auto Operation:

- ☐ You can switch the indoor fan speed.
- ☐ The system will automatically switch from the cooling mode to the heating mode as the room temperature and set temperature.(Heat pump model only)

FAN Operation

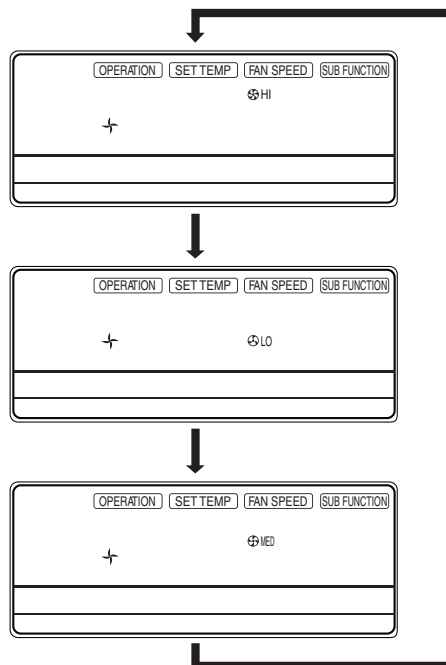
1 Press the On/Off Button.



2 Press FAN Operation Button.



3 Each time Indoor Fan Speed button is pressed, the fan speed mode is shifted in the arrow direction.



- Fan speed is high.

- Fan speed is low.

- Fan speed is medium.

* You can't set the temperature in Fan Operation mode. To exit this mode, press 'Operation Mode' button.

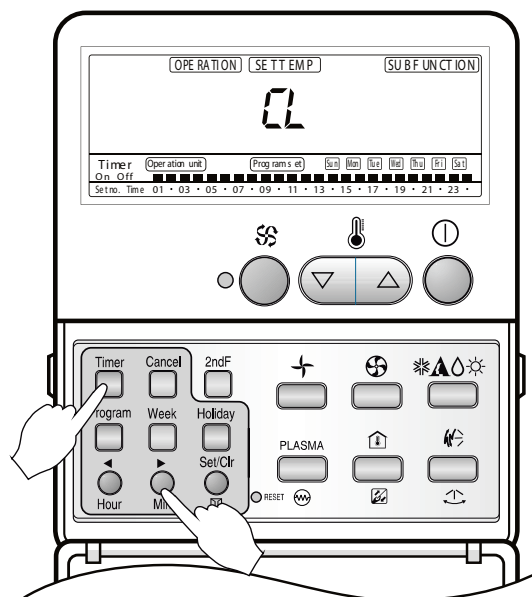
* Only high fan speed is available for 198K BTU/H & 264K BTU/H. Any other speed selection leads to malfunctioning of the unit.

Child Lock Function

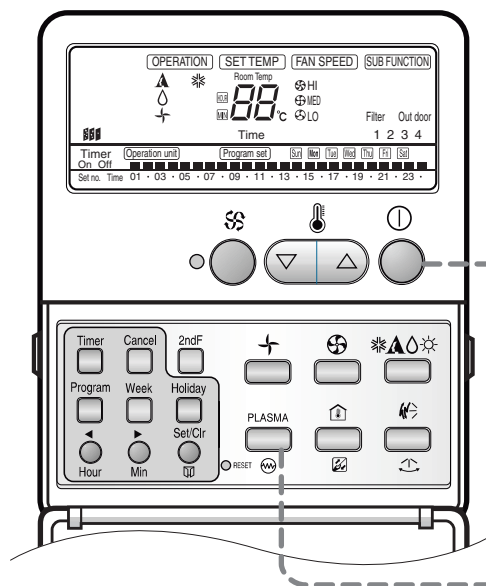
This is the Function that any children cannot use to the air-conditioner.

Operation procedure

- 1 To set the Child-Lock Function
Press the Timer button and Minute Set button for three seconds. Then the operation mode shift to child lock mode and it is displayed 'CL' in the operation display.
When you press any button in this time, the remote controller is not converted to any selected mode and the 'CL' is displayed in the remote controller for about three seconds. But the Room Temperature function is operated in spite of child lock mode.
- 2 To cancel the Child-Lock Function
Press the Timer button and Minute Set button for three seconds. Then the child-lock mode is cancelled and the preselected mode is displayed in the remote controller.



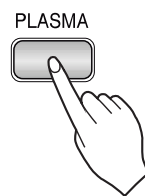
NEO PLASMA Purification Operation (optional)



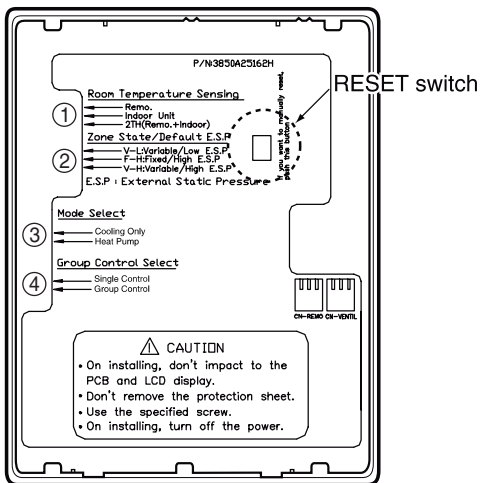
- 1** Press the Start/Stop button.
The unit will respond with a beep.



- 2** Open the door of the remote controller. Press the PLASMA button.
Operation will start when the button is pressed and stop when the button is pressed again.

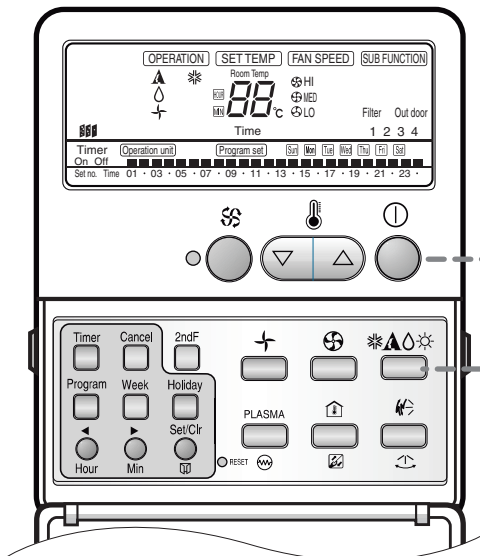


Heating Operation (Heat Pump model only)

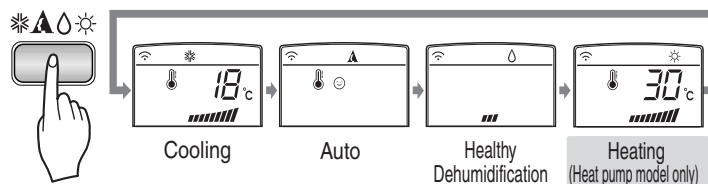


Select Heat mode

- 1 Press the Start/Stop button. The unit will respond with a beep.



- 2 Open the door of the remote controller. To select Heating Operation, press the Operation Mode Selection button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



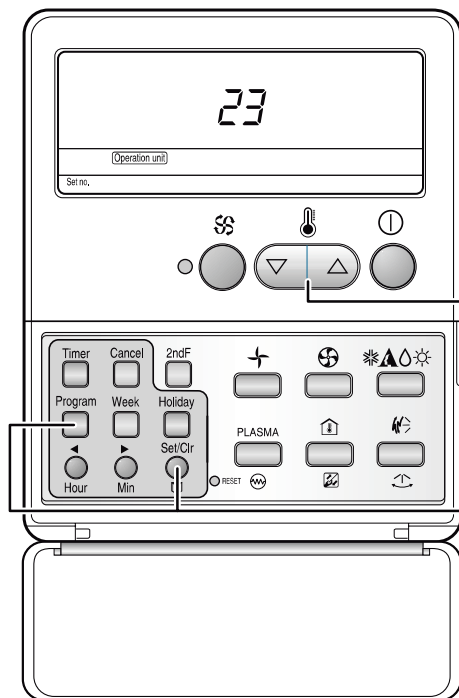
Pressure Function

Sr. No.	KEY & MODE	OPERATION	ERROR	RESET
*	Low Pressure Function (LP Operation)	- When Low Pressure operates, it stops Comp as well as O/D Unit after 10 sec of Comp Operation. - If Comp Off occurs 3 times in 1 hour by L/P operation after the first detection, Comp Off state has been maintained.	Respective Comp No. will blink. Blinking Zone 1 2 3	Manual power reset.
*	High Pressure Function (HP Operation)	- When High Pressure operates, it stops Comp as well as O/D Unit after 10 sec of Comp Operation. - If Comp Off occurs 3 times in 1 hour by H/P operation after the first detection, Comp Off state has been maintained.	Respective Comp No. will blink. Blinking Zone 1 2 3	Manual power reset.
*	Power Failure Compensation (Memory Function)	Micom remembers the previous running condition before power failure, such as On/Off condition, running mode, set temperature, weekly programming etc.		

Error Diagnosis

Sr. No.	ERROR CODE	DIAGNOSIS	DESCRIPTION
1	CH-01	Check room thermistor	Recover after 5 seconds of operation when respective thermistor healthy
2	CH-02	Check pipe thermistor (CN-Pipe/In)	Recover after 3 seconds of operation when respective thermistor healthy
3	CH-06	Check pipe thermistor (CN-Pipe/Out)	Recover after 3 seconds of operation when respective thermistor healthy
4	CH-12	Check pipe thermistor (CN-Pipe/Med)	Recover after 4 seconds of operation when respective thermistor healthy
5	CH-09	Check Option PCB (EEPROM)	Check Interconnection of Option PCB and Power Reset
6	CH-04	Check float sensor / Jumper	Recover after 4 minutes of operation when float sensor / Jumper healthy
7	CH-14	Check Sub PCB	Check Interconnection of Sub PCB / Recover after 5 seconds of Healthy Interconnection

Address Setup of Central Control

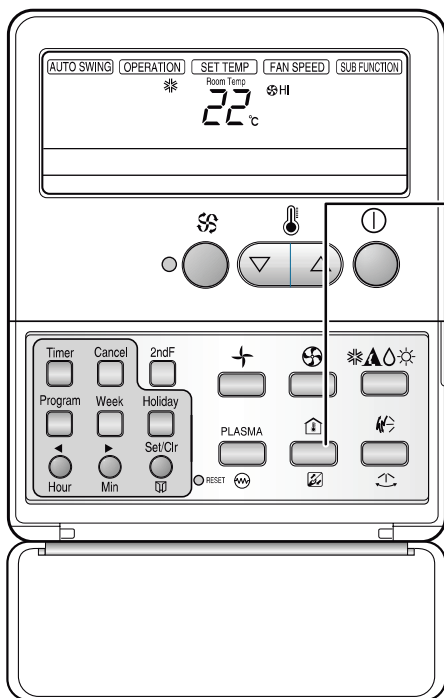


- 1** You can set the address up by pressing the Program button and the Set/Clr button about 3 seconds at the same time.
- 2** The group change uses the temperature control button to change the value possibly. The number of indoor unit uses the temperature control button to change the value possibly.
Ex) Group address: 2
Indoor unit number: 3
- 3** You can complete setting up the address by pressing the Program button and the Set/Clr button about 3 seconds at the same time.

- Multi model: Connect the outdoor unit and P1485 of outdoor unit
- Single model: Connect P1485 of outdoor unit
- When you connect the indoor unit with central control unit, you should setup Network address which is recognized by central control unit inside of indoor unit.
- The address of central control is consisted by group number and number of indoor unit.

Note : The remote controller displays 'HL' if central controller has locked the remote controller.

The Room Temperature Confirmation



1 If you press the room temperature button, room temperature will be indicated about 5 seconds. It will be returned to the desired temperature after 5 seconds.

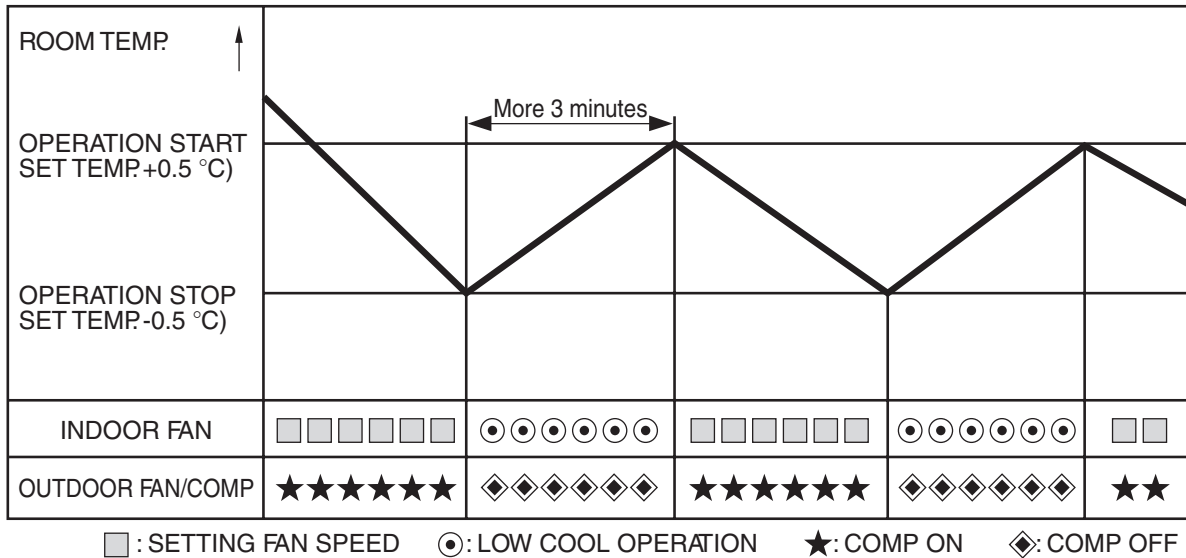
- You can select the desired temperature for cooling operation from 16°C to 37°C and heating operation from 16°C to 30°C.

* There would be some difference between actual temperature you feel and room temperature of remote controller, because the temperature of the position is not uniform which the remote controller is located on.

Operation Details

• Cooling Operation Mode

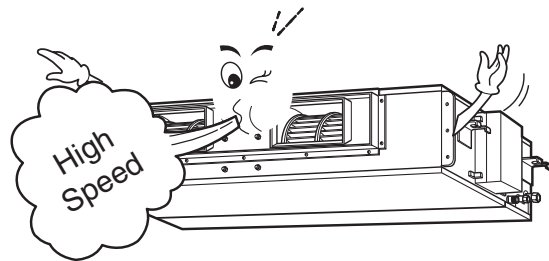
When the room temperature is higher than the set temperature, it operates in cooling mode at the set temperature, the set fan speed, and then it will be in automatically turn off when the room temperature reaches the set temperature +0.5°C.



Helpful information

Airflow speed and cooling capacity.

The cooling capacity indicated in the specification is the value when the fan speed is set to high, and the capacity will be lower at low or medium fan speed. High fan speed is recommended when you wish to cool the room quickly.



Self-Diagnosis Function

Remote Controller display will flash Error Code when a problem occurs, please contact your Dealer.
(for e.g., CH-01)

Caution: Before performing any maintenance, turn off the main power to the system.

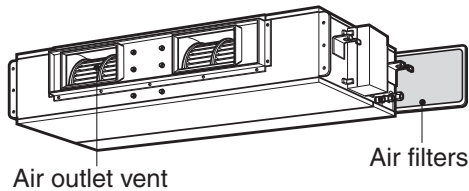
Indoor Unit

Grille, Case, and Remote Control:

- ❑ Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

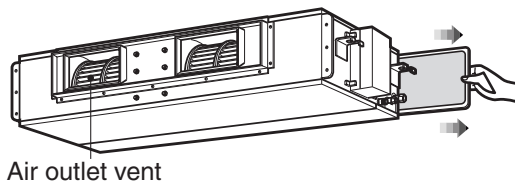
Note:

Supply power must be disconnected before cleaning the indoor unit.



Air Filter:

The air filters behind Indoor unit (the suction side) should be checked and cleaned once every 2 weeks or more often if necessary.



- ❑ Never use any of the followings:

- Water hotter than 40°C
Could cause deformation and/or discoloration.
- Volatile substances
Could damage the surfaces of the air conditioner.



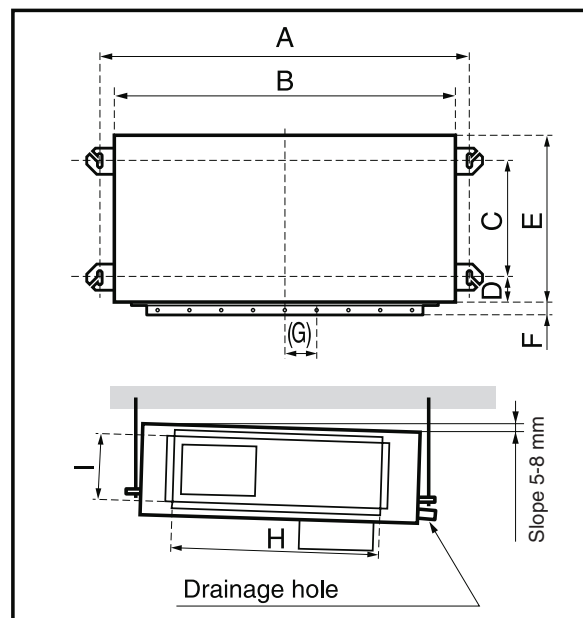
- ❑ Cleaning Tips:

- 1 Clean the filter with a vacuum or warm, soapy water.
 - If very dirty, wash with a solution of detergent in lukewarm water.
 - If hot water (50°C or more) is used, filter may be deformed.
- 2 After washing with water, dry well in the shade.
- 3 Re-install the air filter.

Indoor Unit Dimensions (mm)

Dimension Capacity	Model	A	B	C	D	E	F	G	H	I
66K BTU/H	JB-R0550QC	1291	1230	360	57.5	590	30	130	1005	232
102K BTU/H	JB-80850QC	1625	1562	519.2	85	688	30	294	1220	304
132K BTU/H	JB-81100QC	1625	1562	519.2	85	688	30	294	1220	304

- Slope of about 5-8 mm is to be provided at the drain hole side of the indoor unit for proper drainage.
- After installation the slope can be measured using a spirit level.



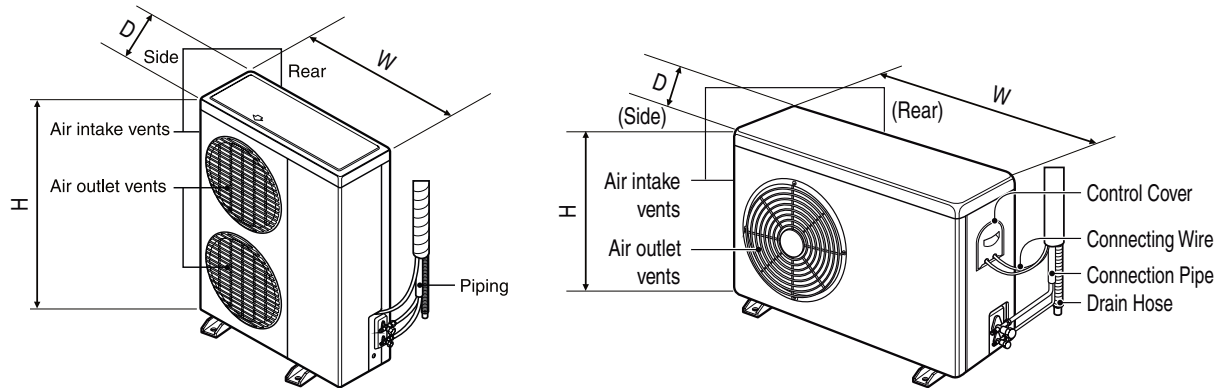
Outdoor Unit

The heat exchanger coils and panel vents of the outdoor unit should be checked regularly. If clogged with dirt or soot, the heat exchanger and panel vents may be professionally steam cleaned.

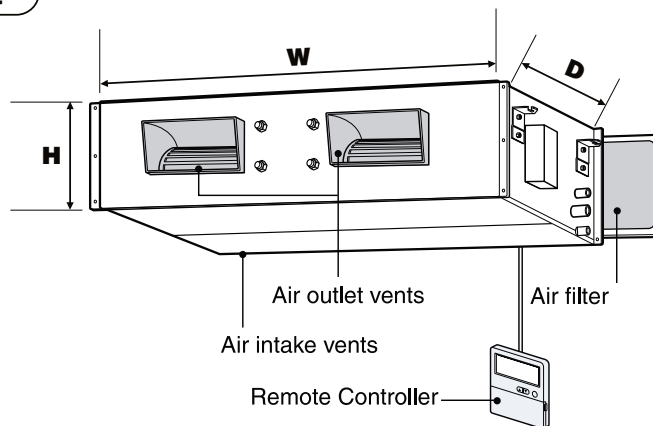
Note:

Dirty or clogged coils will reduce the operating efficiency of the system and cause higher operating costs.

Outdoor Unit



Indoor Unit



Dimension Capacity	Model	Indoor Unit (mm)				Outdoor Unit (mm)			
		IDU	W	D	H	ODU	W	D	H
66K BTU/H	JB-R0550QC	1	1230	590	380	1	899	355	1135
102K BTU/H	JB-80850QC	1	1562	688	460	2	950	330	834
132K BTU/H	JB-81100QC	1	1562	688	460	2	899	355	1135

When the air conditioner is not going to be used for a long time.

When it is not going to be used for a long time.

- 1 Operate the air conditioner on Air circulation mode (Refer to page 15) for 2 to 3 hours.

- This will dry out the internal parts.

- 2 Turn off the circuit breaker.



CAUTION

Turn off the circuit breaker when the air conditioner is not going to be used for a long time. Dirt may collect and may cause a fire.

When the air conditioner is to be used again.

- Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.

Helpful information

The air filters and your electric bill.
If the air filters become clogged with dust, the cooling capacity will drop, and 6% of the electricity used to operate the air conditioner will be wasted.

Operation Tips

Do not overcool the room.

This is not good for the health and wastes electricity.

Clean the air filter regularly.

Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects. Clean at least once every two weeks.

Keep blinds or curtains closed.

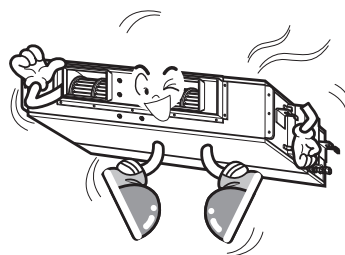
Do not let direct sunshine enter the room when the air conditioner is in operation.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Make sure that the doors and windows are shut tight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.



Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persists, please contact your dealer.

Case	Explanation	See page
The air conditioner does not operate.	• Have you made a mistake in timer operation?	8
	• On first starting, the indoor unit operates in fifteen seconds.	
	• Has the fuse blown or has the circuit breaker been tripped?	-
	• Check power supply for single/reverse phase, voltage imbalance.	
The room has a peculiar odor.	• Check that this is not a damp smell exuded by the walls, carpet, furniture or cloth items in the room.	-
It seems that condensate is leaking from the air conditioner.	• Condensation occurs when the airflow from the air conditioner cools the warm room air.	-
Air conditioner does not operate for about 3 minutes when restart.	• This is the protector of the mechanism.	-
	• Wait about three minutes and operation will begin.	
Does not cool or heat effectively	• Is the air filter dirty? See air filter cleaning instructions.	16
	• The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down.	
	• Has the setting temperature been set incorrectly?	10
	• Are the indoor unit's air inlet or outlet vents obstructed?	-
The air conditioner operation is noisy.	• For a noise that sounds like water flowing. - This is the sound of freon flowing inside the air conditioner unit.	-
	• For a noise that sounds like the compressed air releasing into atmosphere. - This is the sound of the dehumidifying water being processed inside the air conditioning unit.	
Crack sound is heard.	• This sound is generated by the expansion/contraction of the inlet grille, etc. due to changes of temperature.	
Remote control display is faint, or no display at all.	• Has the circuit breaker been tripped?	-

NOTE

WATER RESISTANT: The outdoor side of this appliance is WATER RESISTANT.

The indoor side is not water resistant and should not be exposed to excess water.