LG

LG
Ducted Split Type Air Conditioner
OWNER'S MANUAL

Model : LB-J1101QC

ENGLISH

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.

TABLE OF CONTENTS

1. Safety Precautions
2. Operating Instructions
3. Care and Maintenance
4. Before you call for service



For Your Records

Write the model and serial numbers here:

Model # _____

Serial # _____

Also note down the following :

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.*

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*

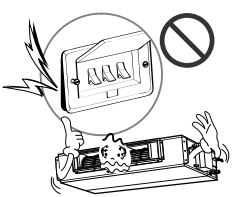
■ Do not install, remove and reinstall the unit by yourself.
- Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer or specialist for the installation work. Please note fault caused by improper installation is not covered by warranty.
- Unit must 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

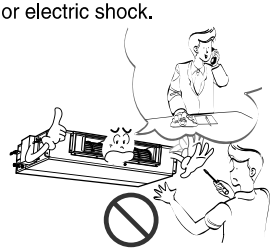
Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.

- There is risk of fire or electric shock.



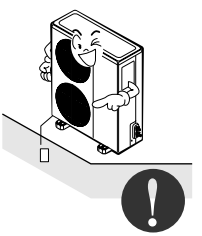
For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center.

- 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.



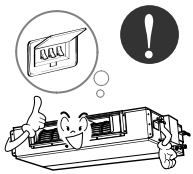
Install the panel and the cover of control box securely.

- There is risk of fire or electric shock.



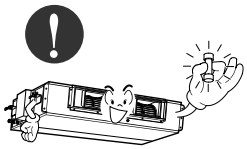
Always install a dedicated circuit and breaker.

- Improper wiring or installation may cause fire or electric shock



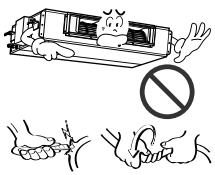
Use the correctly rated breaker or fuse.

- 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.



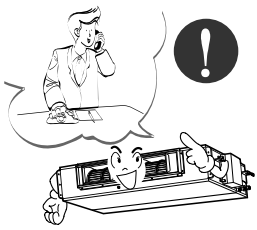
Be cautious when unpacking and installing the product.

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



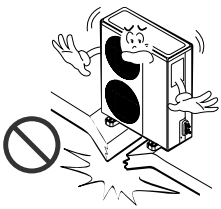
For installation, always contact the dealer or an Authorized Service Center.

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



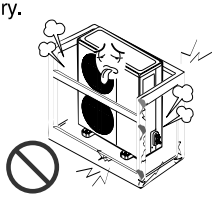
Do not install the product on a defective installation stand.

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



Be sure the installation area does not deteriorate with age.

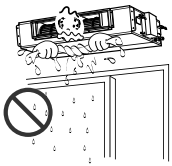
- If the base collapses, the air conditioner could fall with it, causing property damage, product failure, and personal injury.



■ Operation

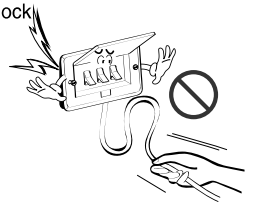
Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

• Moisture may condense and wet or damage furniture.



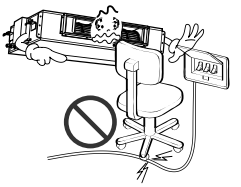
Take care to ensure that power cable could not be pulled out or damaged during operation.

• There is risk of fire or electric shock.



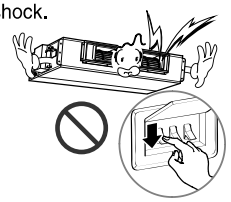
Do not place anything on the power cable.

• 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.



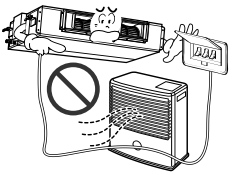
Do not touch(operate) the product with wet hands.

• There is risk of fire or electrical shock.



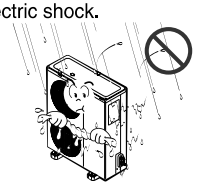
Do not place a heater or other appliances near the power cable.

• 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.



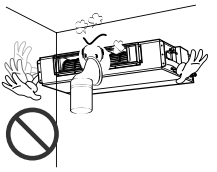
Do not store or use flammable gas or combustibles near the product.

• 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



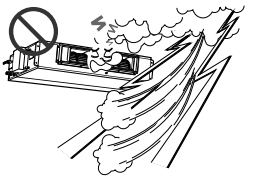
If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

• There is risk of electric shock or fire.



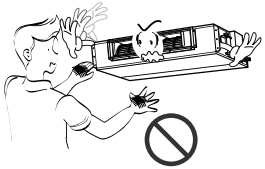
Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

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



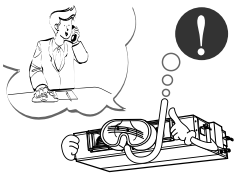
Do not open the inlet grill of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

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



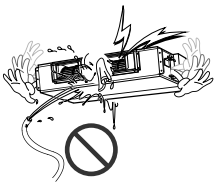
When the product is soaked (flooded or submerged), contact an Authorized Service Center.

- There is risk of fire or electric shock.



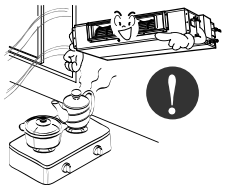
Be cautious that water could not enter the product.

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



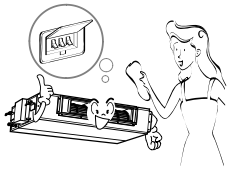
Ventilate the product from time to time when operating it together with a stove, etc.

- There is risk of fire or electric shock.



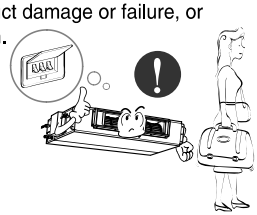
Turn the main power off when cleaning or maintaining the product.

- 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.

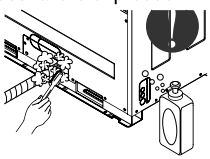


⚠CAUTION

■ Installation

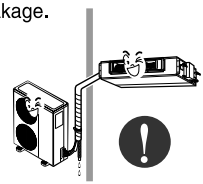
Always check for gas (refrigerant) leakage after installation or repair of product.

- Low refrigerant levels may cause failure of product.



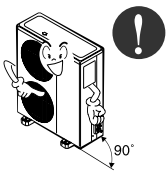
Install the drain hose to ensure that water is drained away properly.

- A bad connection may cause water leakage.



Keep level even when installing the product.

- To avoid vibration or water leakage.



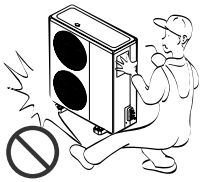
Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.

- It may cause a problem for your neighbors.



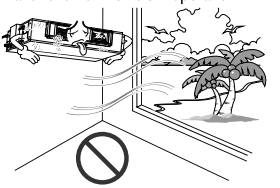
Use two or more people to lift and transport the product.

- Avoid personal injury.



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

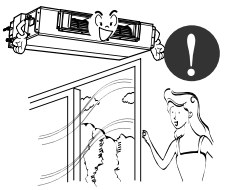
- It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.



■ Operation

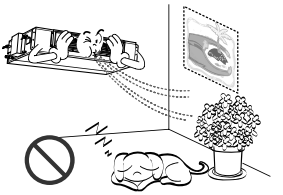
Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

- 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.



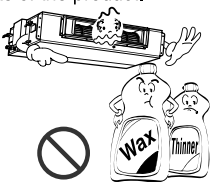
Do not block the inlet or outlet of air flow.

- 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.



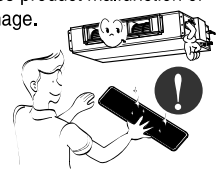
Do not step on or put anyting on the product. (outdoor units)

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



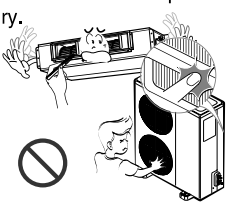
Always insert the filter securely. Clean the filter every two weeks or more often if necessary.

- 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.



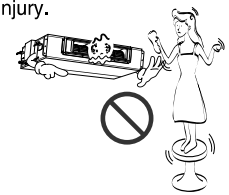
Do not drink the water drained from the product.

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



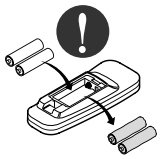
Use a firm stool or ladder when cleaning or maintaining the product.

• Be careful and avoid personal injury.



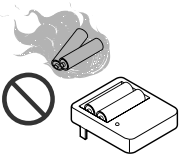
Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

• 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.

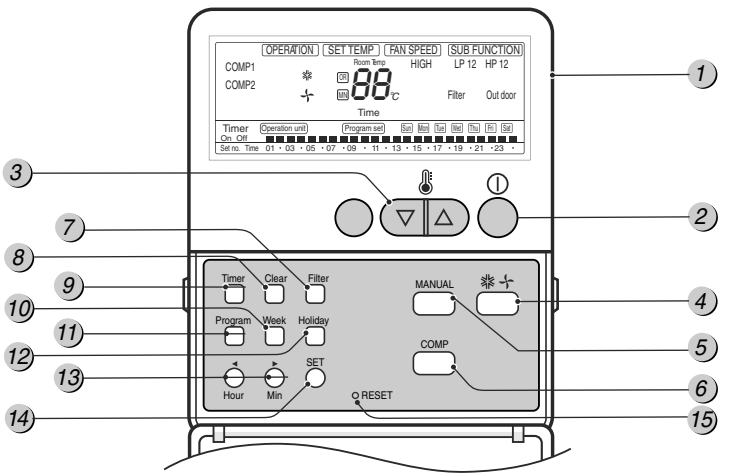
Service

For repair and maintenance, contact your authorized service dealer.

Operating Instructions

Name and Function of Remote Controller

Remote Controller



1 Operation display
Displays the operation conditions.

2 On/Off Button
Operation starts when this button is pressed, and stops when the button is pressed again.

3 Set Temperature Button
Used to set the temperature when the desired temperature is obtained.

4 Operation Mode Selection Button
Used to select the operation mode.
- Fan Operation Mode.
- Cooling Operation Mode.

5 Manual Mode Selection Button
Used to run according to the need of selection of compressors.

6 Compressor Selection Button
Used to select one, two or three compressors.

7 Filter Reset Button
To reset Filter Cleaning Indicator.

8 Clear Button
Used to cancel the different program settings.

9 Timer Set Button
Used to set the airconditioner ON/OFF at particular time which depends upon whether machine is On or Off.

10 Week Button
Used to set a day of the week.

11 Program Button
Used to set the weekly programming.

12 Holiday Button
Used to set a holiday of the week.

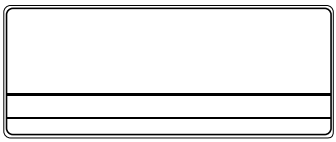
13 Hour/Minute Selection Button
Used to set the time of the day and change the time in the weekly timer Function.

14 Set Button
Used to set the different program settings.

15 Reset Button
Used to set the current time and clear the setting time.

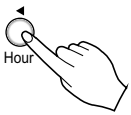
1 Press the ' RESET ' button.
If you want to reset the current time and a day of the week, click the Reset button.

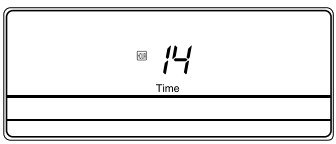




2 Press the ' Hour ' button.

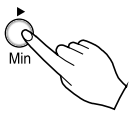
Each time the button is pressed, the number is changed. Selection of numbers from **00** to **23** is possible.
You can set the number of the current hour.

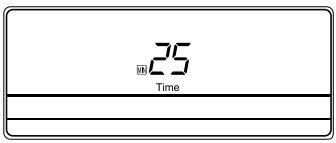




3 Press the ' Min ' button.

Each time the button is pressed, the number is changed. Selection of numbers from **00** to **59** is possible
You can set the number of the current minute.

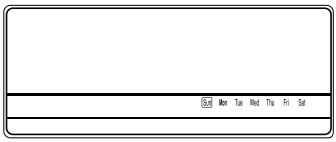




4 Press ' Week ' button.

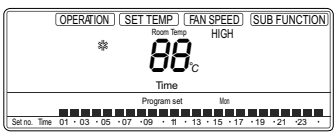
Each time the button is pressed, a day of the week is shifted from Sunday to Saturday.
You can set the day of the week.





5 Press ' Set ' button to set the current time and day of the week.

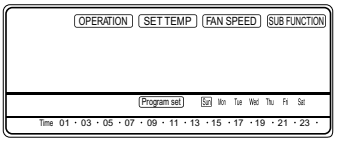
If you want to reset the current time and day of the week, press the Reset Button again and repeat the above steps.



1 Press the Program button to start the weekly programming.

The remote controller is displayed like a picture. Then '[Program set] ', '[Sun] ' and '01' is blinked.
The "Program Set" will appear on LCD display.

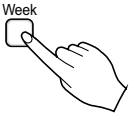




2 Press the ' Week ' button.

Press Week button repeatedly until desired day appears.

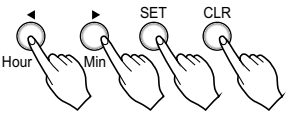
For example, if you want Thu, press Week button 4 times.

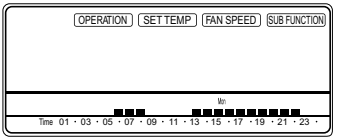


3 Change the time setting until the desired time is obtained.
For this operation press the Set or Clear button one or more times.

Set button means to switch ON.
Clear button means to switch OFF.

To move forward press "Min" key.
To move backward press "Hour" key.





* For example, if the air-conditioner is ON for 6,7,8 and 13~22 o'clock.
and for the rest hours, the machine is OFF.

4 Press the Program button again to finish weekly programmining.



For example, the air-conditioner is on 6th,7th,8th,10th & 11th hours to remain ON and for the rest hours, turned OFF on Monday. Following steps should be followed :

1. Press Program button
2. Press Week button and select the day (Monday).
3. By pressing Min key, select 6th hour. Solid bar will blink on 6th hour. By pressing "Set" button you can set the 6th hour. Do same for the 7th, 8th, 10th and 11th hour.
4. Press Program button finally to set the above day.

* To cancel the set hour press Hour button to reach upto that set hour and then press "Clear" button.

* Black Bars indicate turn ON time and if there is no bar, it indicates OFF time.

If the person has not to set the remote controller in weekly programming mode then he can cancel the weekly programming by following operations

1 To disable the weekly programming, press the following button



If the person has to return back in weekly programming mode then he should follow the below mentioned operation.

2 To enable the weekly programming, press the following button.



Holiday Setting

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

1. Press the Program button.



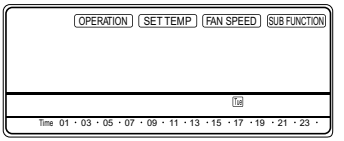
2. Press the Week button as many times to select Tuesday.



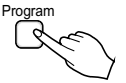
3. Press the Holiday button.



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



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



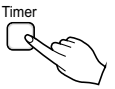
5. To cancel the Holiday programming, press the "Holiday" button again.

NOTE : The Holiday will be set permanantly unless and until the user disable it.

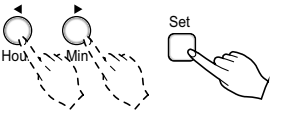
Timer Setting

This function is used to turn on or turn off at specific hours of the respective day.

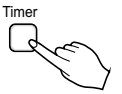
1. Press the Timer button to turn Timer on or off.



2. Change the timer setting until the desired time is set.
After you have selected the time, press "Set" button.

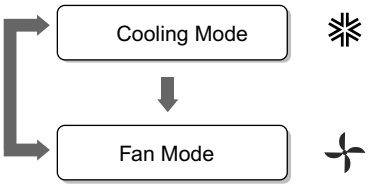


3. If you want to cancel the timer setting, press the Timer button twice.



* On providing the same time for "Timer" and "Weekly Programming", the last command given will be the default command.

Operation Mode



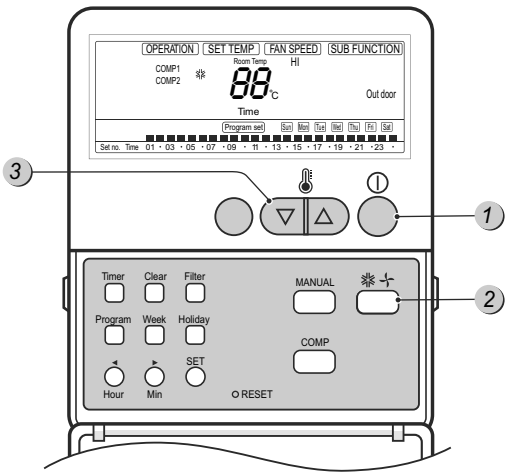
Cooling Mode

Operation Procedure **:**

1st On/Off Button

2nd Mode Selection Button to enter in Cooling Mode (❄)

3rd Room Temperature Setting Button



In cooling mode Display shows -
Room Temperature, Indoor Fan Speed,
Compressor Status, Cooling Mode symbol.

Temperature can be set between 18°C ~ 30°C.

Fan Mode

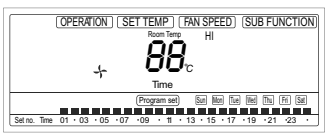
In this mode only FAN runs at high speed and compressors get OFF automatically.
In FAN mode, Display shows - Fan Speed & Fan Mode Symbol.

1 Press the On/Off Button.



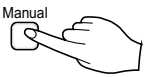
2 Press Mode Selection Button to enter in Fan Mode (✣).
In this mode, Display will be as shown here.

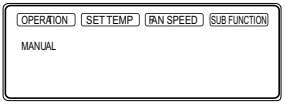




Manual Operation is usually done according to the need of selection of compressors to run.
*Remote Display may show outdoor signal but compressor will start only after three minutes (approx).

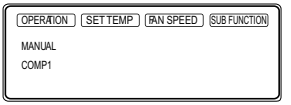
1 By pressing the Manual Button display shows





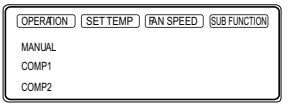
2 Then press Comp Button to select the compressor from Comp1 ~ Comp2.
Comp1 will start blinking



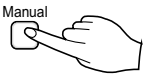


3 Press "Set" button to fix the COMP. On each time by pressing this button cursor will move to the next COMP.

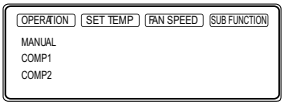




4 To cancel the Manual Operation, we have to press the Manual Button twice.



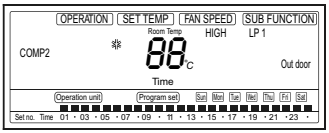
For eg. if we have to run Comp1, Press the Manual Button and press Comp Button later which shows COMP1 on the screen in blinking form for which we have to press the Set Button Set. On each time by pressing Comp Button cursor moves to the next compressor.

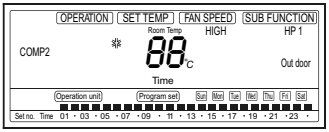


Safety Device (LP - HP Operation)

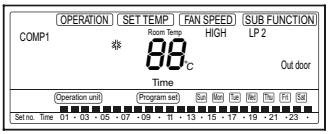
Used for the protection of compressors. LP and HP switch works according to gas pressure.

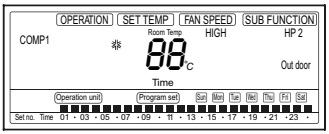
Indication	Problem	Action
LP1	Low gas pressure in Comp1	Comp1 get switch OFF
HP1	High gas pressure in Comp1	Comp1 get switch OFF





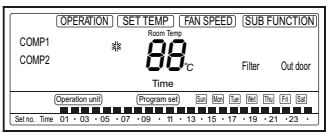
Indication	Problem	Action
LP2	Low gas pressure in Comp2	Comp2 get switch OFF
HP2	High gas pressure in Comp2	Comp2 get switch OFF





Filter

This function glows after 240 hours.
Display shows the Filter symbol continuously
by pressing the filter button again we can reset it.



Child Lock Function

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

Operation procedure

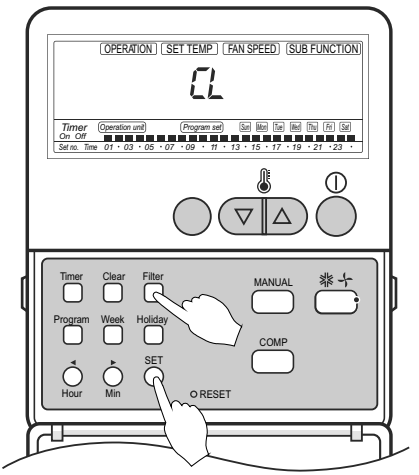
1 ***To set the Child-Lock Function***

Press the 'Filter' button then 'Set' button. 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 displays 'CL' only ON/OFF key available.

2 ***To cancel the Child-Lock Function***

Press the 'Filter' button then 'Clear' button. Then the child-lock mode is cancelled and the preselected mode is displayed in the remote controller.



Care and maintenance

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

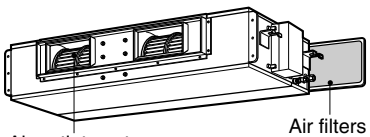
Indoor Unit

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.

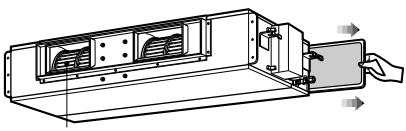
Note:

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.



1 Clean the filter with a vacuum or warm, soapy water.

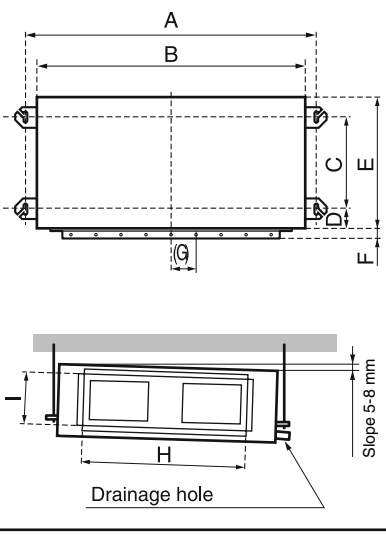
- If very dirty, wash with a solution of detergent in lukewarm water.
- If hot water (50°C or more) is used, filter may be deformed.

2 After washing with water, dry well in the shade.

3 Re-install the air filter.

Indoor Unit Dimensions (mm)

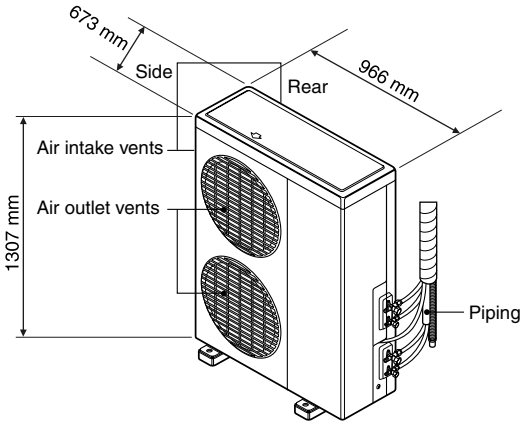
Dimension / Capacity	A	B	C	D	E	F	G	H	I
102K BTU/h (LB-H0850QC)	1625	1564	597	54	692	30	294	1220	304
132K BTU/h (LB-J1101QC)	1765	1705	597	54	692	30	294	1220	304



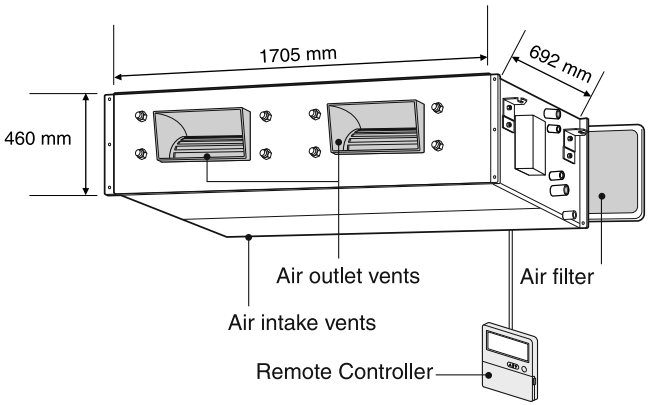
- Slope of about 5-8 mm is to be provided at the drain hole side of the indoor unit for proper drainage.
- After installation the slope can be measured using a spirit level.

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.



Indoor Unit



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 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 electiric 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.

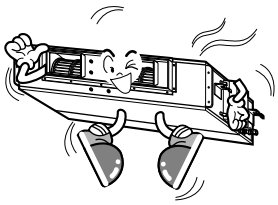
This is not good for the health and wastes electricity.

Keep blinds or curtains closed.

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

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.



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.

Ventilate the room occasionally.

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

Before you call for service...

Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persist, 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?	-
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 effectively.	• Is the air filter dirty? See air filter cleaning instructions.	11
	• 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?	9
	• 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.



P/No.: MFL50033001

After reading this manual, keep it in a place easily accessible to the user for future reference.