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Wireless Remote Controller

Owner's & Installation Manual

**Models: PQWRHSF0
PQWRCSF0**

IMPORTANT

- Please read this installation manual completely before installing the product.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.
- Please retain this installation manual for future reference after reading it thoroughly.

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Safety Precautions

- The installation requires expert skills, and it should be installed by the service center or other shops specialized in the installation and recognized by our company.
- For all the problems arising after installation by someone who has no relevant qualifications, LG will not provide free service.
- The following safety cautions are provided to prevent unexpected dangers or losses.

⚠ WARNING : If the user does not follow the mandatory items, it may result in serious injury or death.

⚠ CAUTION : If the user does not follow the mandatory items, it may cause personal injury or property damage.



: Warning and Caution are to call the user's attention to the possible danger. Read and follow them carefully in order to prevent a safety accident.

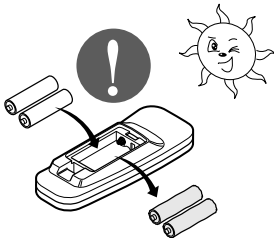


: Warning and Caution are indicated in this guide and the product itself to help protect the users from danger.

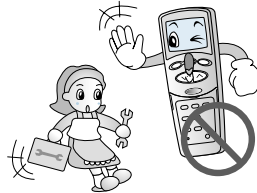
⚠ WARNING

■ Installation

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

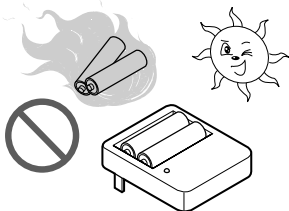


Do not disassemble, repair, or modify the product at your discretion in order to prevent fire or an electric shock.

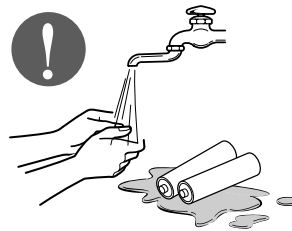


■ Operation

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.

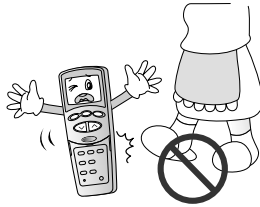


Safety Precautions

Push the button at one time. There will be no operation if you Several buttons at one time.



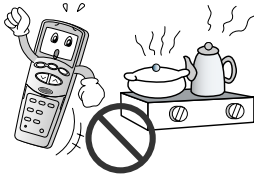
Do not drop or throw the remote Controller. Do not give any strong impact and Put your foot it.



Do not use this at the moisture and Humidity places.



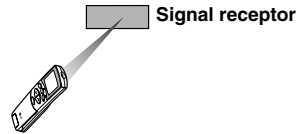
Do not use this at heating and Firing conditions.



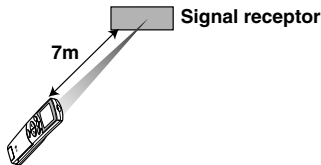
Do not place the remote controller in a location exposed to direct sunlight



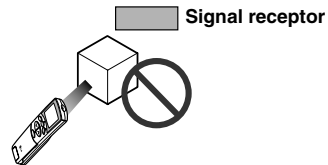
Aim at the signal receptor on the wireless remote controller so as to operate



The remote control signal can be received at a distance of up to about 7m



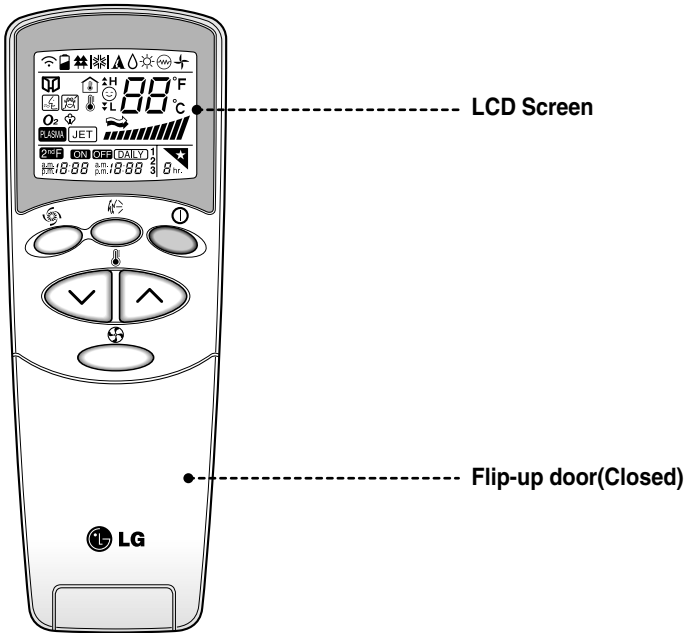
Be sure that there are no obstructions between the remote controller and the signal receptor



⚠ CAUTION

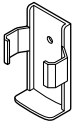
Block a strong light over the signal receptor with a curtain or etc. so as to prevent the abnormal operation. (ex: electronic quick start, ELBA, inverter type fluorescent lamp)

Part Description



Wireless Remote Controller

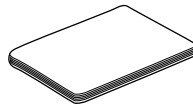
Accessory



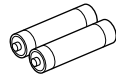
Holder(1EA)



Fixing Screw (2EA)

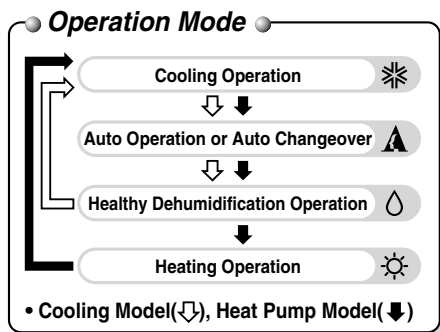
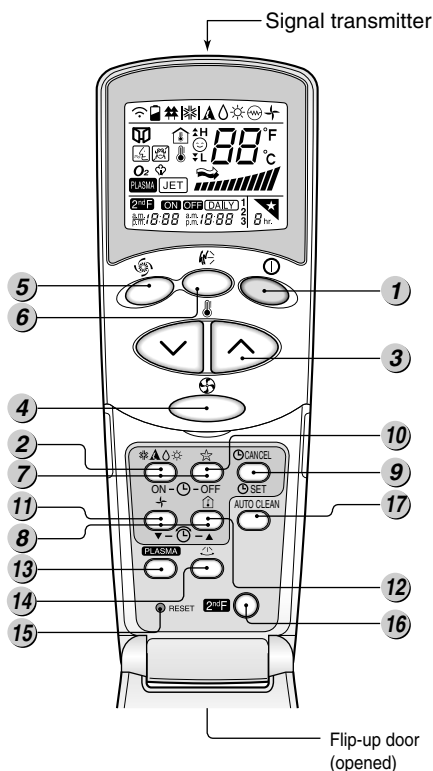


User / Installation
Manual



AAA(1.5V)
Batteries(2EA)

Wireless Remote Controller



- 1. Start/Stop Button**
Operation starts when this button is pressed.
- 2. Operation Mode Selection Button**
Used to select the operation mode.
- 3. Room Temperature Setting Buttons**
Used to select the room temperature.
- 4. Indoor Fan Speed Selector**
Used to select fan speed in four steps low, medium, high and Chaos.
- 5. Jet Cool**
Speed cooling/heating operates super high fan speed.
- 6. Chaos Swing Button**
Used to stop or start louver movement and set the desired up/down airflow direction.
- 7. On/Off Timer Buttons**
Used to set the time of starting and stopping operation.
- 8. Time Setting Button**
Used to adjust the time.
- 9. Timer Set/Cancel Button**
Used to set the timer when the desired time is obtained and to cancel the Timer operation.
- 10. Sleep Mode Auto Button**
Used to set Sleep Mode Auto operation.
- 11. Air Circulation Button**
Used to circulate the room air without cooling or heating.
- 12. Room Temperature Button**
Used to set the desired horizontal airflow direction.
- 13. Plasma**
Used to start or stop the plasma-purification function.
- 14. Horizontal Airflow Direction Control Button**
Used to set the desired horizontal airflow direction.
- 15. Reset Button**
Initialize remote controller.
- 16. 2nd F Button**
Used prior to using modes printed in blue at the bottom of buttons.
- 17. Auto Clean**
Used to set Auto Clean mode.

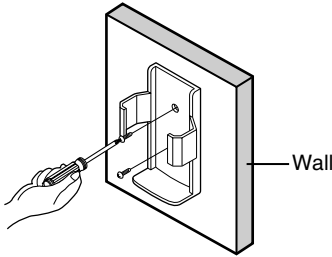
NOTE

To use the functions printed in blue at the bottom of the buttons press 2nd F button first and then the required function button. Pressing the 2nd F button activates the blue printed function of the respective button. To cancel the function press the 2nd F button again else it will automatically cancel if remains idle after 10 seconds.

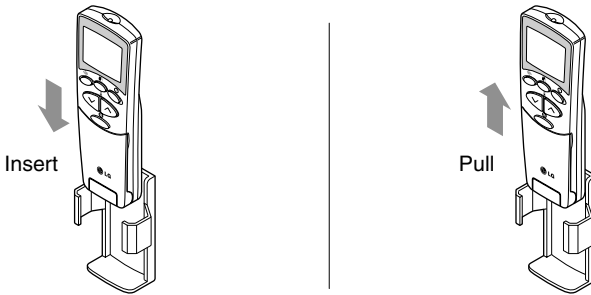
Installation Method

How to mount on a wall

- 1** Use the screws to secure the holder to the wall or attach the holder side of indoor unit.



- 2** To insert the remote control to the holder.



How to insert batteries

- 1. Remove the cover from the back of the remote controller.**

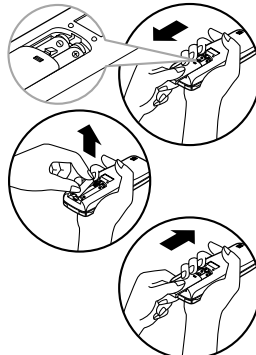
- Slide the cover according to the arrow direction.

- 2. Insert two batteries.**

- Be sure that the (+) and (-) directions are correct.
- Be sure that both batteries are new.

- 3. Re-attach the cover.**

- Slide the cover into back position.

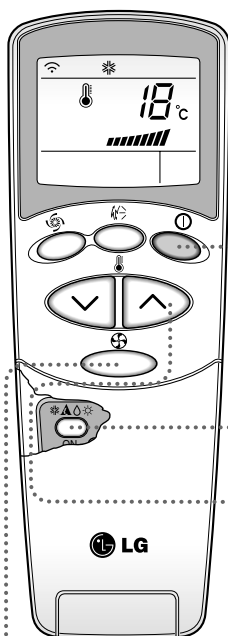


- Do not use rechargeable batteries such as batteries are different from standard dry cells in shape, dimensions, and performance.

- Change the batteries with a new one if the remote control does not work properly after using for an extended length of time.

How to use the Mode Selection Button

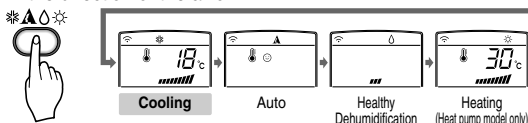
Cooling Operation



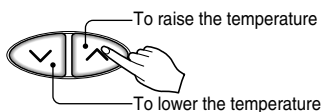
1 Press the Start/Stop button.
The unit will respond with beep sound.



2 Open the door on the Remote Controller. To select **Cooling Operation**, press the Operation Mode Selection button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



3 Set the temperature lower than the room temperature.
The temperature can be set within a range of 18°C~30°C in 1°C.



4 You can select the fan speed in four steps-low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



Natural wind by the CHAOS logic

- For more fresh feeling, press the Indoor Fan Speed Selector and set CHAOS mode. In this mode, the wind blows like natural breeze by automatically changing fan speed according to the CHAOS logic.

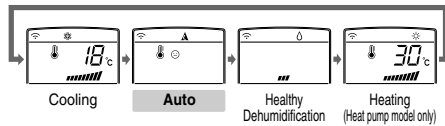
Auto Operation



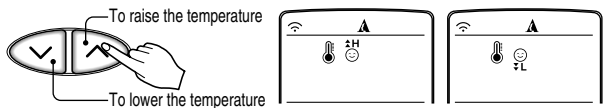
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Open the door on the Remote Controller. 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.

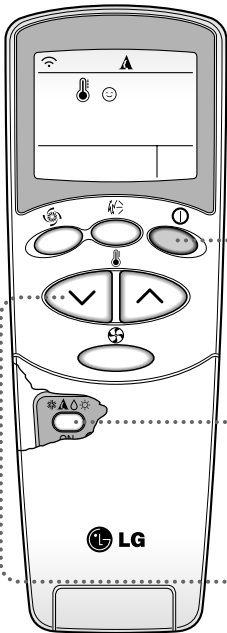


- 3** The temperature and fan speed are automatically set by the electronic controls based on the actual room temperature. If you want to change the set temperature, press the Room Temperature Setting buttons. The set temperature will be changed considering room temperature.

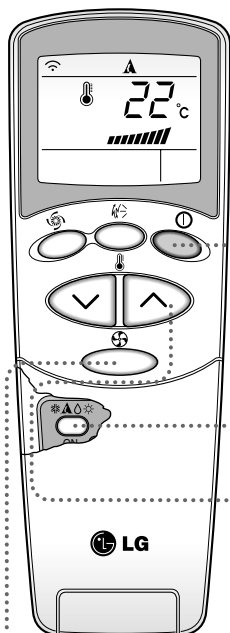


DURING AUTO OPERATION:

- You cannot switch the indoor fan speed. It has already been set by the Fuzzy rule.
- If the system is not operating as desired, manually switch to another mode. The system will not automatically switch from the cooling mode to the heating mode, or from heating to cooling, then you must set the mode and the desired temperature again.
- During Auto Operation, pressing the chaos swing button makes the horizontal louvers swing up and down automatically. If you want to stop auto-swing, press the chaos swing button again.



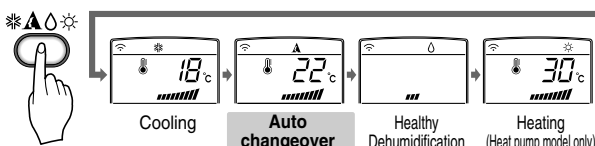
Auto changeover operation(Heat pump model only)



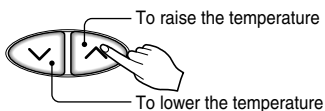
- 1** Press the Start/Stop button.
The unit will respond with a beep.



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



- 3** Close the door of the remote controller. Set the temperature lower than the room temperature. The temperature can be set within a range of 18°C~30°C at intervals of 1°C.



- 4** Set the fan speed again with the door of the remote controller still closed.
You can select the fan speed in four steps-low, medium, high and CHAOS.
Each time the button is pressed, the fan speed mode is shifted.



During Auto changeover Operation

The air conditioner changes the operation mode automatically to keep indoor temperature. When room temperature vary over $\pm 2^{\circ}\text{C}$ with respect to setting temperature, air conditioner keeps the room temperature within $\pm 2^{\circ}\text{C}$ with respect to setting temperature by auto changeover mode.

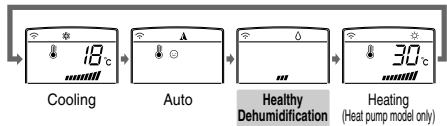
Healthy Dehumidification Operation



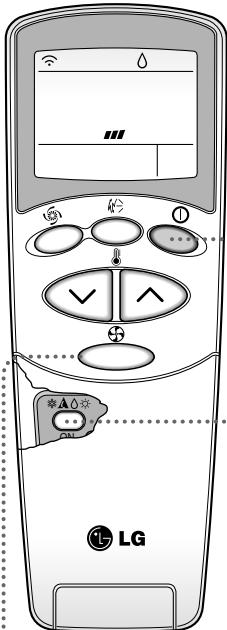
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Open the door on the Remote Controller. To select **Healthy Dehumidification Operation**, press the Operation Mode Selection button.
Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



- 3** Set the fan speed. You can select the fan speed in four steps - low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



NATURAL WIND BY THE CHAOS LOGIC

- For more fresh feeling, press the Indoor Fan Speed Selector and set CHAOS mode. In this mode, the wind blows like natural breeze by automatically changing fan speed according to the CHAOS logic.

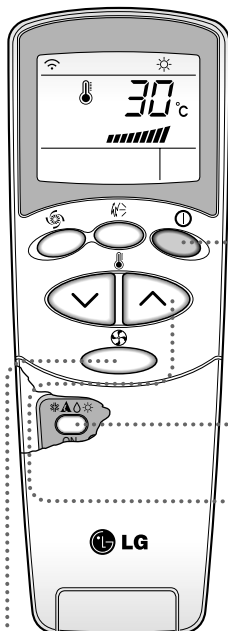
DURING HEALTHY DEHUMIDIFICATION OPERATION:

- If you select the dehumidification mode on the operation selection button, the A/C starts to run the dehumidification function, automatically setting the room temp. and air volume to the best condition for dehumidification based on the sensed room temp.

In this case, the setting temp. is not displayed in the Remote Controller and you are not able to control the room temp. either.

- During the healthy dehumidification function, the air volume is automatically set according to the algorithm responding to the current room temp. and makes the room condition healthy and comfortable even in the high humidity season.

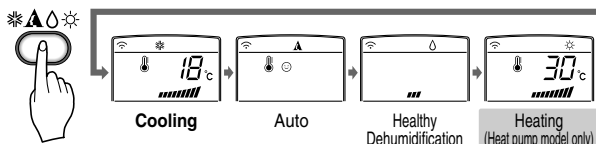
Heating Operation(Heat pump model only)



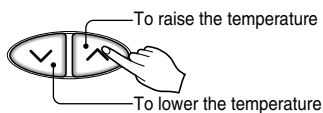
1 Press the Start/Stop button.
The unit will respond with beep sound.



2 Open the door on 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.



3 Set the temperature higher than the room temperature.
The temperature can be set within a range of 16°C~30°C in 1°C.



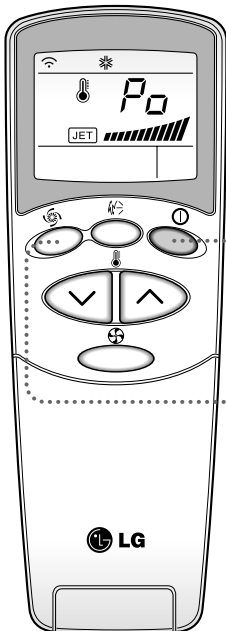
4 Set the fan speed again. You can select the fan speed in four steps—low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



NATURAL WIND BY THE CHAOS LOGIC

□ For more fresh feeling than other fan speed, press the Indoor Fan Speed Selector and set to CHAOS mode. In this mode, the wind blows like natural breeze by automatically changing fan speed according to the CHAOS logic.

Jet Cool Operation



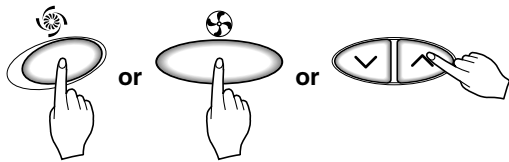
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Press the **Jet Cool** button to operate the speed cooling mode and the unit will operate in super high fan speed on cooling mode for 30 minutes.



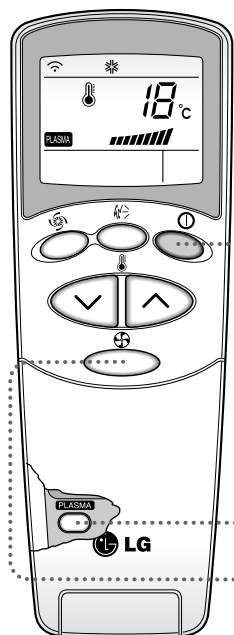
- 3** To cancel the **Jet Cool** mode, press the **Jet Cool** button or the fan button or the room temperature setting button again and the unit will operate in high fan speed in cooling mode



NOTICE

- ❑ During the JET COOL function at any moment, the A/C starts to blow the cool air at extremely high speed for 30 minutes setting the room temp. automatically to 18°C. It is especially used to cool the room temperature in the shortest time.
- ❑ In order to return to the normal cooling mode from the Jet Cool mode, you just press either the operation mode selection button, air volume selection or temp. setting button or the JET COOL button again.

NANO PLASMA Purification Operation (Optional)



1

Press the Start/Stop button.
The unit will respond with beep sound.



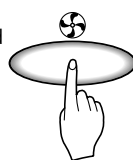
2

Open the door on the Remote Controller. Press the PLASMA air purifying operation ON/OFF button. Operation will start when the button is pressed and stop when the button is pressed again.



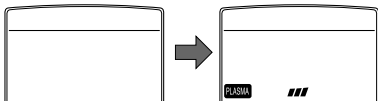
3


Set the fan speed. You can select the fan speed in four steps-low, medium, high or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



* Air purifying operation (PLASMA) is available in Heating or any other operations.

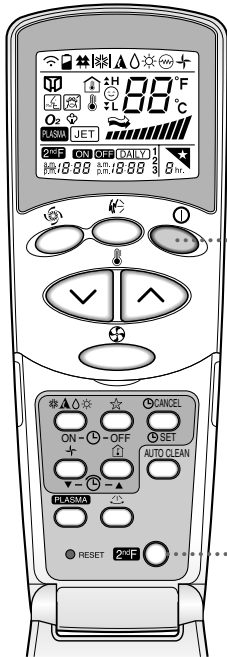
PLASMA Air Purifying Operation only



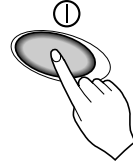
If you press the PLASMA button, NANO PLASMA air purifying operates. Each time the button () is pressed, the fan speed mode is shifted.

2nd F Operation

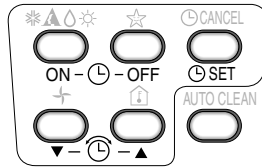
2nd F



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



- 2** Open the door of the Remote Controller and press the 2nd F button to operate functions printed in blue at bottom of buttons.
(Check the indication of 2nd function on Remote Controller display.)
These buttons operate the timer setting as follows:




- 3** 2nd function goes off in a short time automatically or when the button is pressed again.

For more details refer to the functions in next page.

Additional features



Sleep Mode

1. Press the Sleep Mode Auto button to set the time you want the unit to turn off automatically. 
2. The Timer is programmed in one-hour increments by pressing the Sleep Mode Auto button 1 to 7 times. The sleep mode is available for 1 to 7 times. To alter the time period in steps of 1 hour, press the Sleep Mode Button while aiming at air conditioner.
3. Make sure the Sleep Mode Auto LED lights up.

To cancel the Sleep Mode, press the sleep Mode Auto button several times until the star (☆) disappears from the operation display.



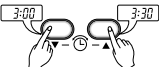
NOTICE

The Sleep Mode will be operated at low fan speed (cooling) or medium fan speed (heat pump only) for quiet sleeping.

IN COOLING MODE: The temperature will automatically rise by 1°C over the next 30 minutes and by 2°C in 1 hour for comfortable sleeping.



Setting the Time

1. Time can be set only when you have pressed the Reset button. If you have just replaced the batteries, the Reset button should be pressed to reset the time. 
2. Press 2nd F button and check if 2nd F icon is on. 
3. Press the Time Setting buttons until the desired time is set. 


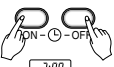
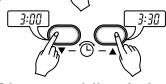

4. Press the Timer SET button. 

NOTICE

Check the indicator for A.M. and P.M.



Delay Start/Pre-Set Stop

1. Make sure the time is set correctly on the Remote Controller display.
2. Press 2nd F button. 
3. Press the ON/OFF Timer buttons to turn Timer on or off. 
4. Press the Time Setting buttons until the desired time is set. 
5. Press the selected on/off setting by pressing the Timer SET button while aiming the Remote Controller at the signal receptor. 

To cancel the setting the timer.



Press the Timer Cancel button while aiming Remote Controller at the signal receptor.
(The timer lamp on the air conditioner and the display will go out.)



Delay off timer



Delay on timer



Delay off and on timer




Delay on and off timer



Vertical Airflow Direction Control (Optional)

The up/down airflow (Vertical Airflow) can be adjusted by using the remote controller.

1. Press the Start/Stop button to start the unit.
2. Press Chaos Swing button and the louvers will swing up and down.
Press the Chaos Swing button again to set the vertical louver at the desired airflow direction. 

NOTICE


- If you press the CHAOS swing button, the horizontal airflow direction is changed automatically based on the CHAOS algorithm to distribute the air in the room evenly and at the same time to make the human body feel more comfortable, as if enjoying a natural breeze.
- Always use the remote controller to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand, could damage the air conditioner.
- When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.



Horizontal Airflow Direction Control (Optional)

The left/right(Horizontal Airflow) can be adjusted by using the remote control.

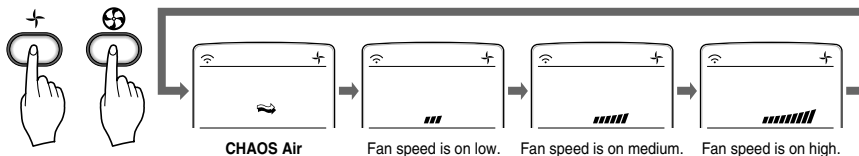
Press the Start/Stop button to start the unit.

Open the door on the remote control. Press the Airflow Direction Start/Stop button and the louvers will swing left and right. Press the Horizontal Airflow Direction Control Button again to set the horizontal louver at the desired airflow direction. 

Air Circulation Mode

Circulates the room air without cooling or heating.

1. Press the Start/Stop button. The unit will respond with a beep.
2. Open the door on the remote controller. Press the Air Circulation button. Close the door on the remote controller. Now each time that you press the Indoor Fan Speed Selector, the fan speed is shifted from low to CHAOS and back to low again.

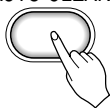


NOTICE

CHAOS Air economizes power consumption and prevents overcooling. The fan speed is automatically changed from high to low or vice versa, depending on the ambient temperature.

Auto Clean (Optional)

AUTO CLEAN

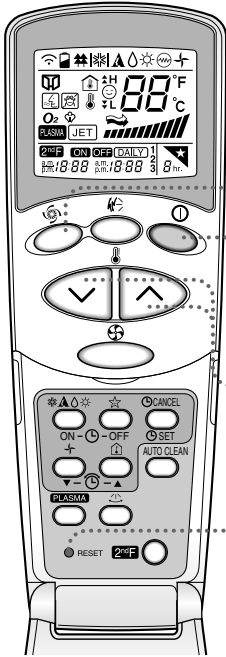


1. Whenever you press the Auto Clean button, Auto Clean Function will be reserved and cancelled.
2. Auto Clean function works before and after cooling or dehumidification mode. For details, refer to the below points.
3. When the unit is started after the reservation of Auto Clean, the Cool Start function operates and indoor Fan is started after 20 seconds.
4. When you press Start/Stop button to turn off the unit after the you have reserved Auto Clean function, the air-conditioner circulates the indoor air in the Auto Clean mode with no more Cooling or Dehumidification operation. For Cooling only model, it lasts for 30 minutes for Heat pump model, for 16 minutes.
5. If you press the auto clean button again during the product operation, Auto Clean function will be cancelled.

NOTICE

- During Auto Clean function, moistures left in indoor units after Cooling Operation or Healthy Dehumidification Operation can be removed.
- During Auto Clean function, only Start/Stop button, Plasma button and Auto Clean button are available.

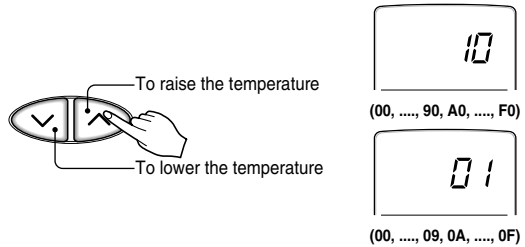
Setting the Central-Control Address



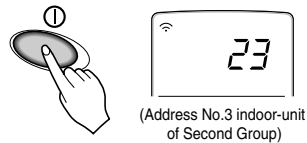
- 1** When RESET button is pressed once with JET COOL button held, '00' will be shown on the LCD DISPLAY and it'll enter into the address set mode.



- 2** Whenever you press the Temperature Increase(UP) button, the group address number also increases. (Left-digit)
And whenever you press the Temperature Decrease(DOWN) button, the indoor-unit address number also increases. (Right-digit) (Control scope of Group Address No. and Indoor-unit Address No. : 00~FF)




- 3** When you press the START/STOP button on your remote-controller directed toward the receiver of indoor-unit after setting address, the address would be set.



- 4** When you press RESET button after completing address setup, the address setup function will be cancelled. In the state of cancellation, LCD display shows the initial standby mode.

NOTICE

- You are recommended to follow below procedure to check indoor-unit address with remote-controller.
Press RESET button once with the wind direction button() of remote-controller held. The LCD DISPLAY on remote-controller shows '88'. When you press START/STOP button on your remote-controller directed toward the receiver of indoor-unit at this time, the display LED of indoor-unit lights at the initial set address.

