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LG
Wireless Remote Controller
Owner's & Installation Manual

Models: PQWRCDF0
PQWRHDF0

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, our company 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.

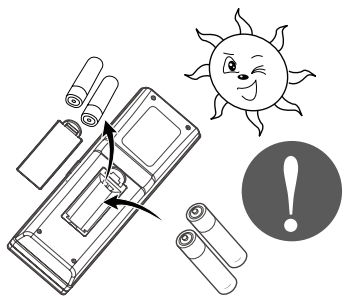
: Warning and Caution are to call the user's attention to the possible danger. Read and follow them carefully in order to prevent a safety accident.

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

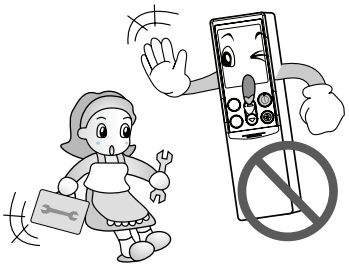
⚠WARNING

■ 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

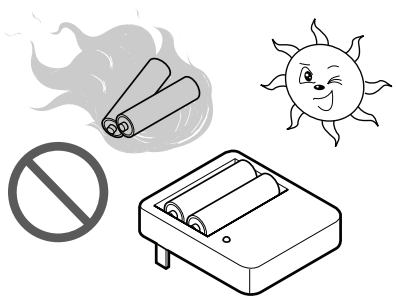


Do not disassemble, repair, or modify the product at your discretion in order to prevent fire or an electric shock.



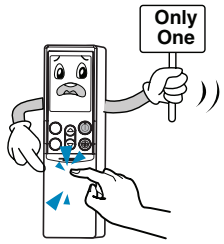
■ Operation

**Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.
They may burn or explode.**

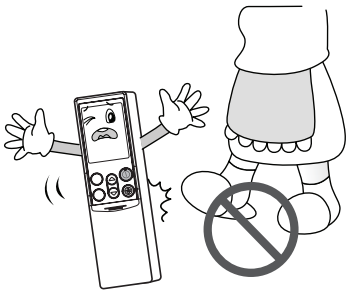


**If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.
The chemicals in batteries could cause burns or other health hazards.**

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

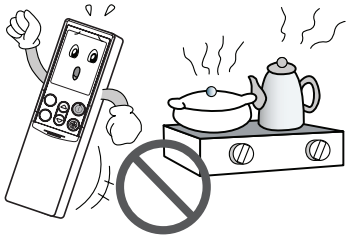


Do not drop or throw the remote Controller. Do not give any strong impact and Put your foot it.

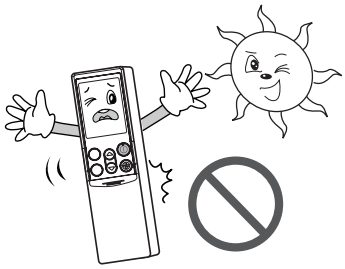


Do not use this at the moisture and Humidity places.

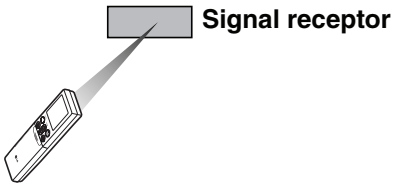
Do not use this at heating and Firing conditions.



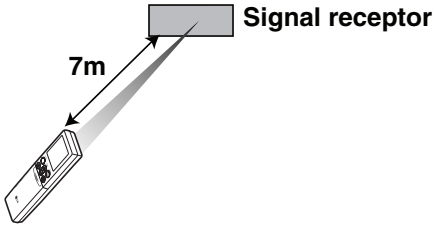
Do not place the remote controller in a location exposed to direct sunlight



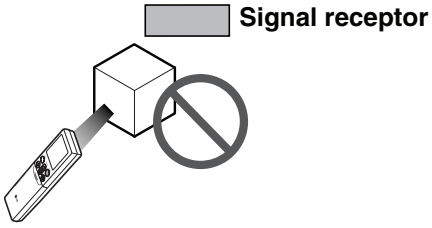
Aim at the signal receptor on the wiress remote controller so as to operate



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



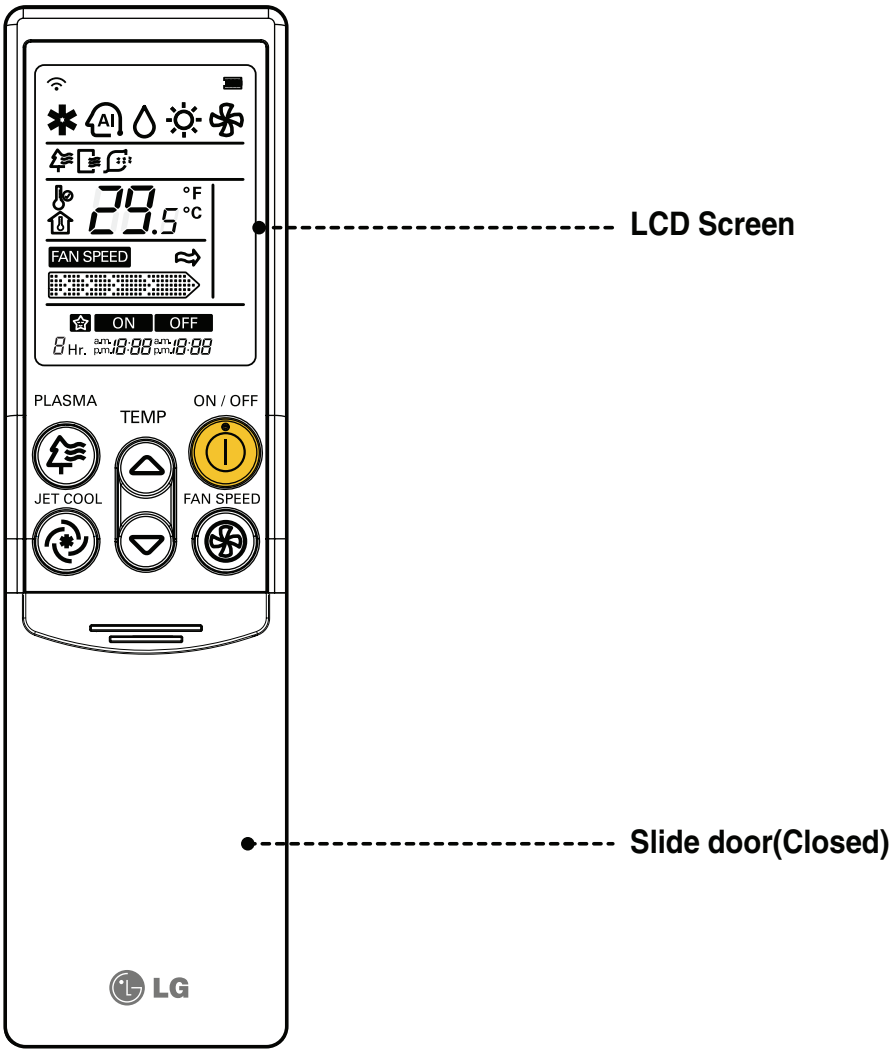
Be sure that there are no obstructions between the remote controller and the signal receptor



⚠CAUTION

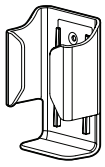
Block a strong light over the signal receptor with a curtain or etc. so as to prevent the abnormal operation.
(ex:electronic quick start, ELBA, inverter type fluorescent lamp)

Part Description



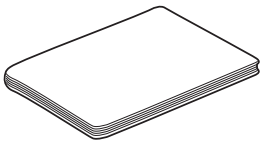
Wireless Remote Controller

Accessory

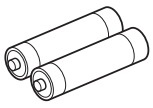


Holder(1EA)

Fixing Screw (2EA)

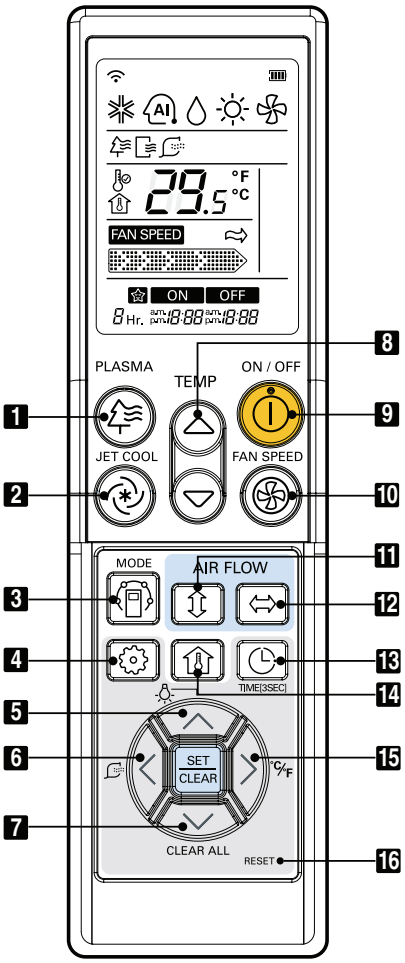


Owner's / Installation Manual

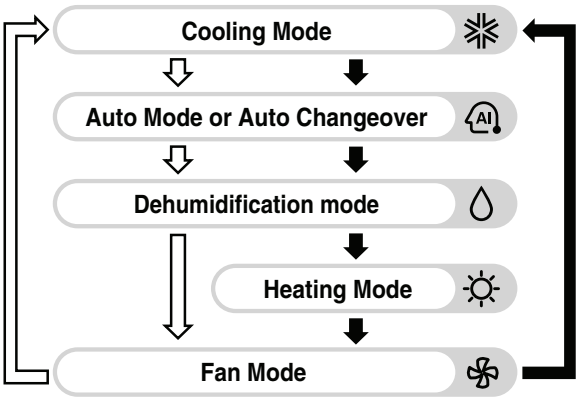


AAA(1.5V) Batteries(2EA)

Wireless Remote Controller



Operation Mode



• Cooling Model(⇩), Heat Pump Model(⬇)

1 PLASMA Button (OPTIONAL)
Used to start or stop the plasma-purification function.

2 JET COOL Button
Speed cooling operates super high fan speed.

3 OPERATION MODE SELECTION Button
Used to select the operation mode.

4 FUNCTION SETTING Button
Used to set or clear Auto Clean or Amart Clean.

5 LCD LUMINOSITY Button (OPTIONAL)
Used to adjust LCD luminosity

6 SMART CLEAN Button (OPTIONAL)
Used to start or stop Smart Clean.

7 CLEAR ALL Button
Used to clear all timer.

8 ROOM TEMPERATURE SETTING Button
Used to select the room temperature.

9 ON/OFF Button
Used to turn on/off the unit.

10 INDOOR FAN SPEED SELECTION Button
Used to select fan speed in four steps low, medium, high and chaos.

11 UP/DOWN AIRFLOW Button
Used to stop or start louver movement and set the desired up/down airflow direction.

12 LEFT/RIGHT AIRFLOW Button (OPTIONAL)
Used to set the desired left/right(horizontal) airflow direction.

13 TIMER AND TIME SETTING Button
Used to set the time of starting or stopping and sleeping operation.

14 ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

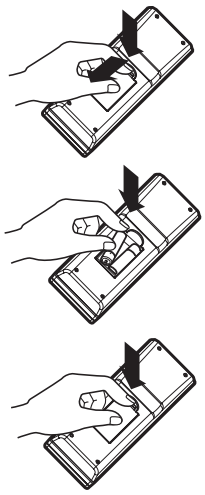
15 °C/°F SWITCH Button
Used to switch temperature reading from Celsius to Fahrenheit.

16 RESET Button
Used to reset the remote controller.

Operating Instruction

How to insert the Batteries

1. Remove the battery cover by pulling it according to the arrow direction.
2. Insert new batteries making sure that the (+) and (-) of battery are installed correctly.
3. Reattach the cover by sliding it back into position.

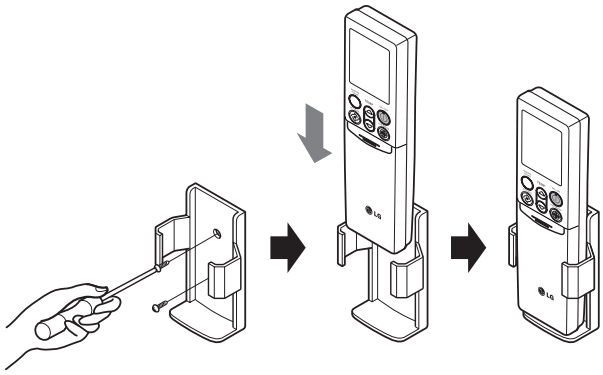


NOTE

1. Always use/replace both batteries of same type.
2. If the system is not to be used for a long time, remove the batteries to save their working life.
3. If the display screen of remote controller starts, fading replace both of the batteries.

Wireless Remote Controller Maintenance

1. Choose a suitable place where its safe & easy to reach.
2. Fix the holder to wall etc with the supplied screws firmly.
3. Slide the remote controller inside the holder.



NOTE

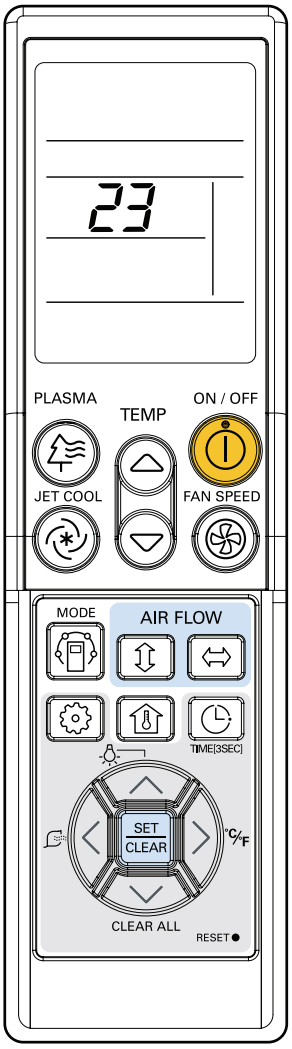
1. Remote controller should never be exposed to direct sunlight.
2. Signal transmitter & receiver should always be clean for proper communication. Use a soft cloth to clean them.
3. In case some other appliances also get operated with remote control, change their position or consult your serviceman.

Operating Method

1. The signal receiver is inside the unit.
2. Aim the remote controller towards the unit to operate it.
   There should not be any blockage in between.

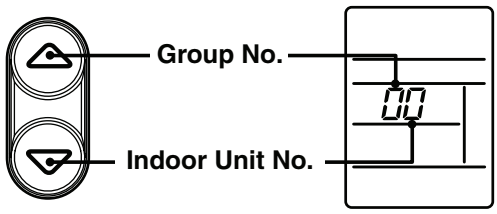
Installation Instructions

Installer Setting - Setting Address of Central Control



1 With the MODE button pressed, press the RESET button.

2 By using the TEMPERATURE SETTING button, set the indoor unit address.
- Setting range : 00 ~ FF



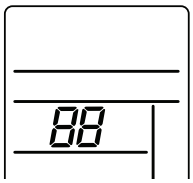
3 After setting the address, press the ON/OFF button toward the indoor unit 1 time.

4 The indoor unit will display the set address to complete the address setting.
- The address display time and method can differ by the indoor uint type.

5 Reset the remote controller to use the general operation mode.

Installer Setting - Checking Address of Central Control

1 With the PLASMA button pressed, press the RESET button.



2 Press the ON/OFF button toward the indoor unit 1 time, and the indoor unit will display the set address in the display window.

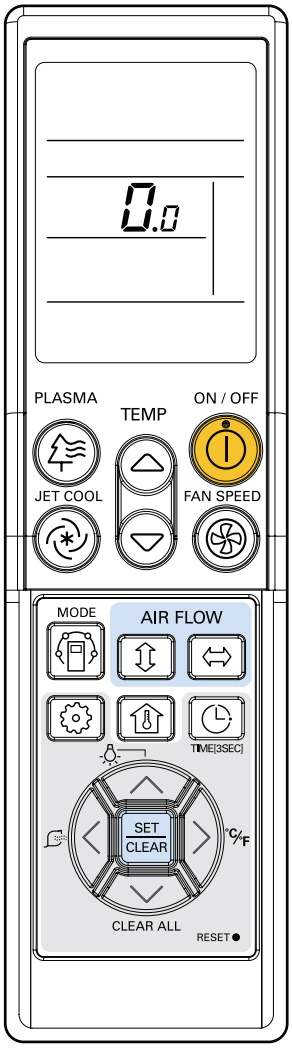
- The address display time and method can differ by the indoor unit type.

3 Reset the remote controller to use the general operation mode.

Installer Setting -How to enter installer setting mode

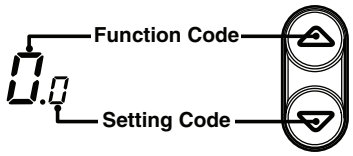
⚠CAUTION

Installer setting mode is to set the detail function of the remote controller.
If the installer setting mode is not set correctly, it can cause problems to the product, user injury or property damage. This must be set by an certificated installer, and any installation or change that is carried out by a non-certificated person should be responsible for the results. In this case, free service cannot be provided.



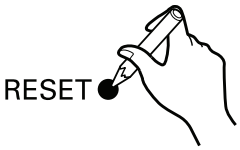
1 With the FAN SPEED button pressed, press the RESET button.

2 By using the TEMPERATURE SETTING button, set function code and setting value. (Please refer the Installer Setting Code Table.)



3 Press the ON/OFF button toward the indoor unit 1 time.

4 Reset the remote controller to use the general operation mode.

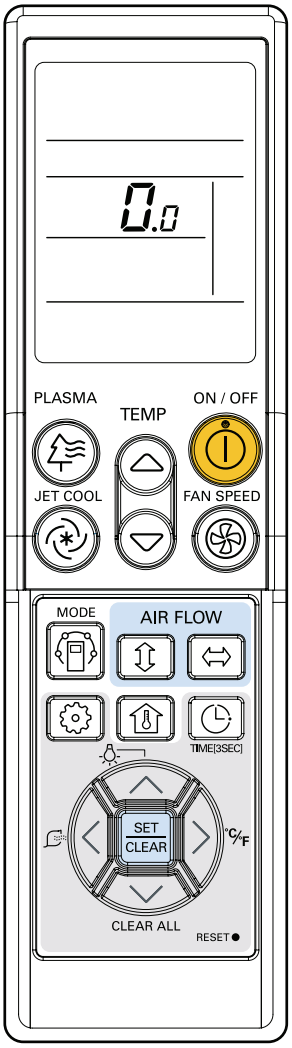


Installer Setting Code Table

No.	Function	Function Code	Setting Value	Remote Controller LCD
0	Mode Override	0	0 : Set to Master	0.0
			1 : Set to Slave	0.1
2	Group Control	2	0 : Set to Master	2.0
			1 : Set to Slave	2.1
			2 : Check Master/Slave	2.2

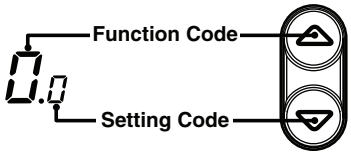
Installer Setting - Mode Override Setting

This Function is only for Non-Auto Changeover H/P model.



1 With the FAN SPEED button pressed, press the RESET button.

2 By using the TEMPERATURE SETTING button, set function code and setting value. (Please refer the installer setting code table.)

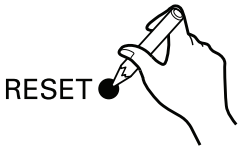


Set to Master

Set to Slave

3 Press the ON/OFF button toward the indoor unit 1 time.

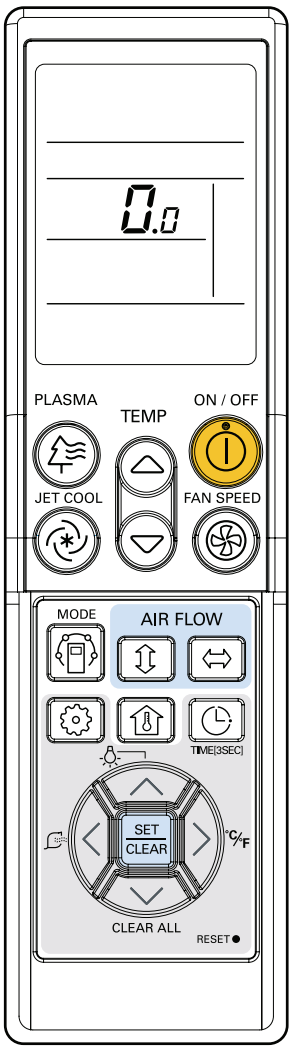
4 Reset the remote controller to use the general operation mode.



Installer Setting - Group Control Setting

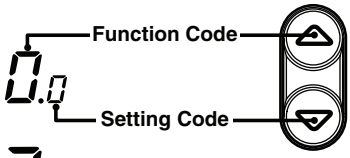
This function is only for group control. Please don't set this function in case of non-group control.

ENGLISH



1 With the FAN SPEED button pressed, press the RESET button.

2 By using the TEMPERATURE SETTING button, set function code and setting value. (Please refer the installer setting code table.)



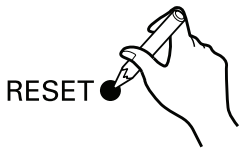
2.0 **Set to Master**

2.1 **Set to Slave**

2.2 **Check Master/Slave**

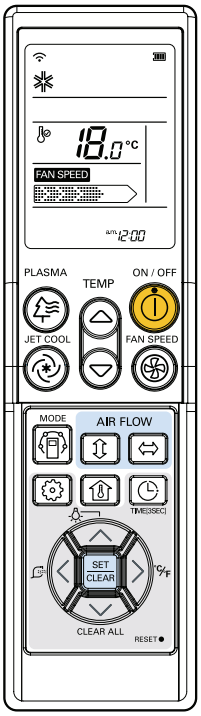
3 Press the ON/OFF button toward the indoor unit 1 time.

4 Reset the remote controller to use the general operation mode.



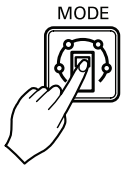
Owner's Instruction

Cooling Mode - Standard Operation



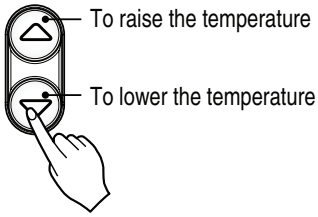
1 Press the ON/OFF button.
The unit will respond with beep sound.

2 Press MODE button to select Cooling Mode.

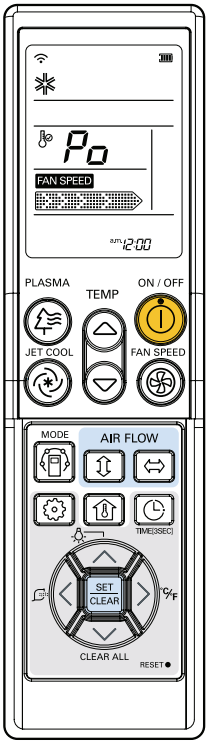


3 Set the desired temperature by pressing TEMP button. Press ROOM TEMPERATURE CHECKING button to check the room temperature. When setting the desired temperature is higher than room temperature, cooling wind isn't blow out.

❊ Setting Temp. Range : 18~30°C(64~86°F)

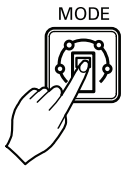


Cooling Mode - Power Cooling



1 Press the ON/OFF button.
The unit will respond with beep sound.

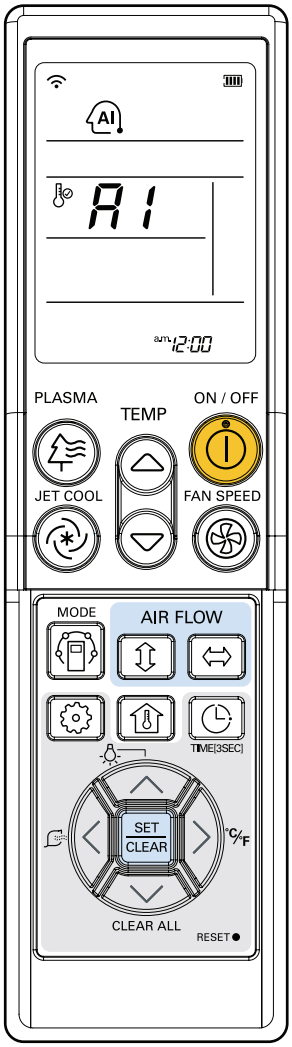
2 Press MODE button to select Cooling Mode.



3 Press the JET COOL button. The unit will operate in super high fan speed in cooling mode.
❊ Wall mounted models operate power cooling mode for 30 minutes.

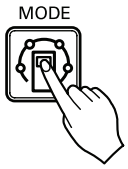
4 To cancel the Power cooling Mode press the Jet Cool button or the fan button or the room temperature setting button again and the unit will operate in high fan speed in cooling mode.

Auto Operation Mode



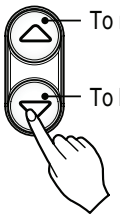
1 Press the ON/OFF button.
The unit will respond with beep sound.

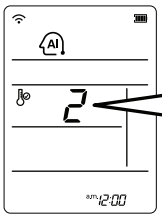
2 Press MODE button to select Auto Operation Mode.



3 Set the desired temperature.

<For Cooling Model>
The temperature and fan speed are automatically set by the electronic controls based on the actual room temperature.
If you feel hot or cold, press TEMPERATURE SETTING buttons for more cooling or heating effect.
You cannot switch the indoor fan speed. It has already been set by the Auto Operation Mode rule.

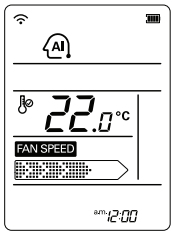




❊ Please select the code depend on your feeling.

Code	Feel
2	Cold
1	Slightly cool
0	Neutral
-1	Slightly warm
-2	Warm

<For Heating Model>

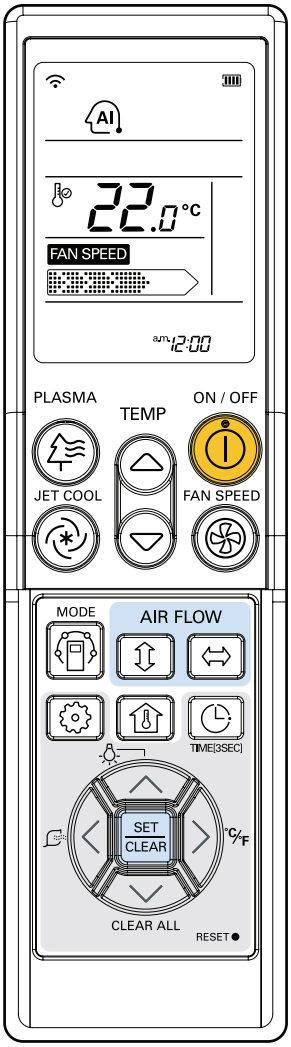


You can set desired temperature and indoor fan speed.
Setting Temp. Range : 18~30°C(64~86°F)

During Auto Operation Mode
- 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.

Auto Changeover Mode

This Function is only for Multi-V SYNC H/P model.



1 Press the ON/OFF button. The unit will respond with beep sound.

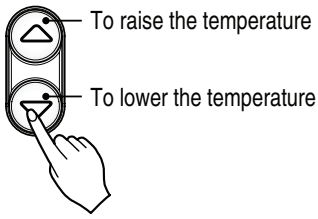
ON / OFF

2 Press MODE button to select Auto Changeover Mode.

MODE

3 Set the desired room temperature.

❊ Setting Temp. Range in Auto Changeover Mode : 18~30°C (64~86°F)



4 You can select the fan speed in four stepss-low, medium, high and chaos. Each time the button is pressed, the fan speed mode is shifted.

FAN SPEED

During Auto changeover Mode

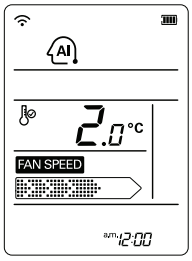
The air conditioner changes the operation mode automatically to keep indoor temperature. When room temperature vary over ±2°C(4°F) with respect to setting temperature, air conditioner keeps the room temperature within ±2°C(4°F) with respect to setting temperature by auto changeover mode.

Auto Changeover Mode - Setting the Mode Change Temperature

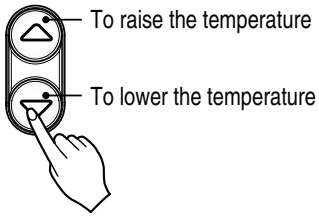
This Function is only for Multi-V SYNC H/P model.

1 In Auto Changeover Mode, Press the ROOM TEMPERATURE CHECKING button for 3 seconds. The mode change temperature set before will be displayed.

Press for 3 seconds.



2 Press the TEMPERATURE SETTING button to set desired Mode Change Temperature. (Default value is 2°C(4°F).)

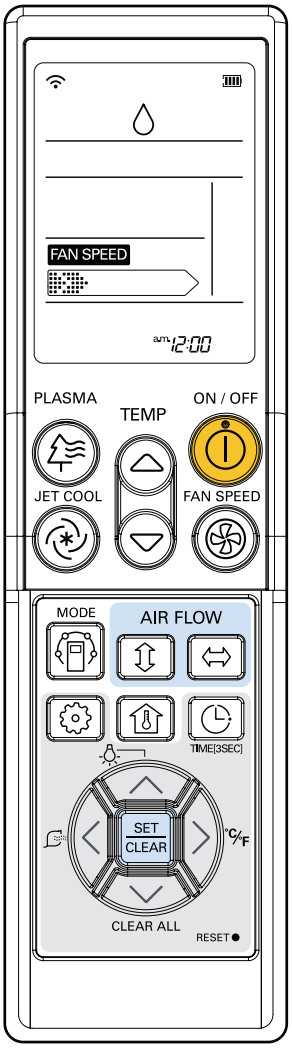


※ Mode Change Temp. Range
: 1~7°C(2~14°F)

The Mode Change Temperature is the difference of temperature when from cooling mode to heating mode or from heating mode to cooling mode.

Ex) When setting temperature is 25°C(76°F) and room temperature is 20°C(68°F), then operating mode is heating. If you set the mode change temperature to 2°C(4°F), when the room temperature up to 27°C(25°C + 2°C)(80°F(76°F + 4°F)), the unit start cooling operation.

Dehumidification Mode

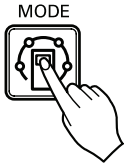


1 Press the ON/OFF button.
The unit will respond with beep sound.

ON / OFF

2 Press MODE button to select Dehumidification Mode.

MODE



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.

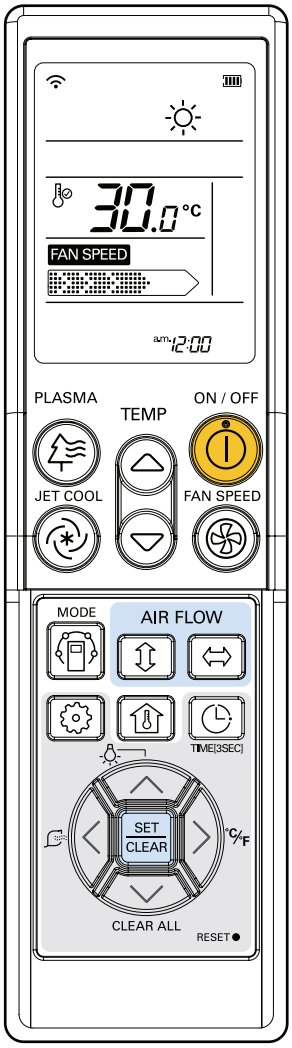
FAN SPEED

During Dehumidification Mode

- If you select the dehumidification mode on the operation selection button, the indoor unit 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 Mode

This Function is only for H/P model.

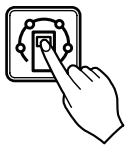


1 Press the ON/OFF button.
The unit will respond with beep sound.

ON / OFF

2 Press MODE button to select Heating Mode.

MODE



3 Set the desired temperature by pressing TEMP button.
Press ROOM TEMPERATURE CHECKING button to check the room temperature.
When setting the desired temperature is lower than room temperature, heating wind isn't blow out.

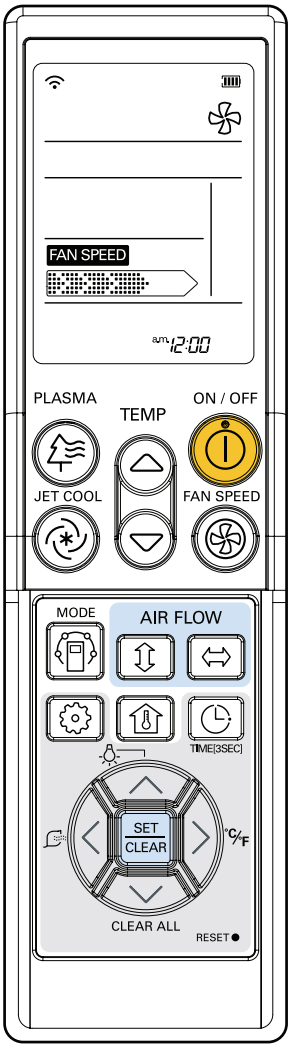
❊ **Setting Temp. Range in Heating Mode : 16~30°C (60°F~86°F)**

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.

FAN SPEED

ENGLISH

Fan Mode

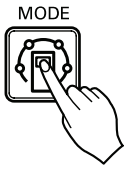


1 Press the ON/OFF button.
The unit will respond with beep sound.

ON / OFF

2 Press MODE button to select Fan Mode.

MODE



3 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.

FAN SPEED

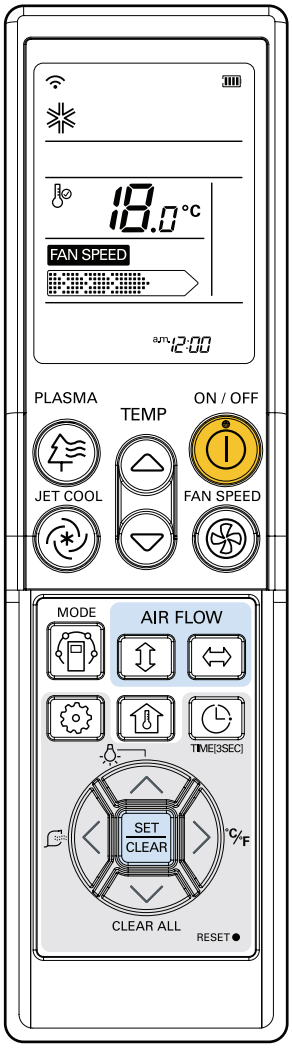
Natural Wind by the chaos Logic

- 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.

During Fan Mode

- The outdoor compressor doesn't work.
  Have a function to circulate the indoor as it sends out the air that doesn't have much temperature difference with indoor.

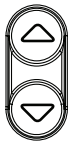
Temperature Setting/Room Temperature checking



We can simply adjust the desired temperature

• Press the buttons to adjust the desired temperature

TEMP



: Increase 1˚C or 2˚F per one time pressing

: Decrease 1˚C or 2˚F per one time pressing

Room temp: Indicate the current room temperature
Set temp: Indicate the temperature that user want to set

<Cooling Mode>
The cooling mode doesn't work if desired temperature is higher than room temperature Please lower the desired temperature

<Heating Mode>
The heating mode doesn't work if desired temperature is lower than room temperature Please increase the desired temperature

Whenever press button, the room temperature will be displayed within 5 seconds.
After 5 seconds, it turns to display the desired temperature.
Because of location of remote controller, the real room temperature and the this displayed value can be different.

Airflow Setting

Up/Down Airflow Direction Control (Optional)

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

1. Press the ON/OFF button to start the unit.
2. Press UP/DOWN AIRFLOW button and the louvers will swing up and down.
   Press the UP/DOWN AIRFLOW button again to set the vertical louver at the desired airflow direction.

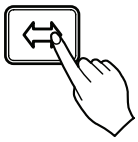
NOTICE

- If you press the UP/DOWN AIRFLOW button, the horizontal airflow direction is changed automatically based on the Auto Swing 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.

Left/Right Airflow Direction Control (Optional)

The left/right(horizontal) airflow can be adjusted by using the remote control.

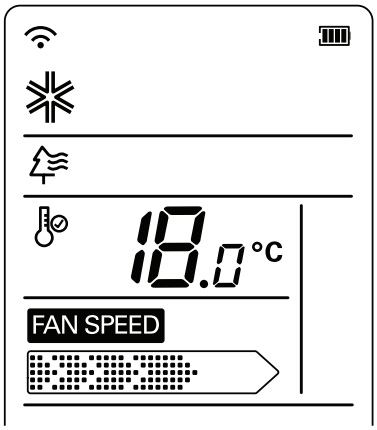
1. Press the ON/OFF button to start the unit.
2. Press the LEFT/RIGHT AIRFLOW button and the louvers will swing left and right. Press the Horizontal Airflow Direction Control Button again to set the horizontal louver at the desired airflow direction.



❊ Up/Down and Left/Right Airflow function isn't shown on display of remote controller.

Sub function

Plasma Purification(Optional)



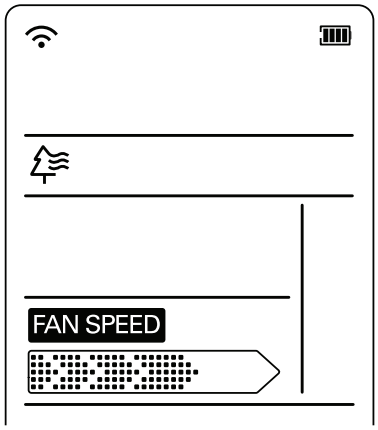
1 Press the ON/OFF button.
The unit will respond with beep sound.

ON / OFF

2 Press the PLASMA button. Plasma Purification will start when the button is pressed and stop when the button is pressed again.

PLASMA

PLASMA Purification only



If you press the PLASMA button, Plasma Purification operates.

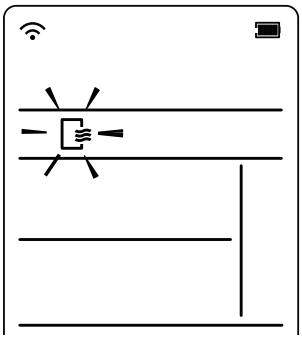
PLASMA

- Plasma filter is a technology developed by LG to get rid of microscopic contaminants in the intake air generating a plasma of high charge electrons. This plasma kills and destroys the contaminants completely to provide clean and hygienic air.
- This function can be used in any operation mode and any fan speed can be used while plasma filter is functioning.

Auto Clean (Optional)

This function operate when the unit is turned off.

1 Press the FUNCTION SETTING button 1 time.
Auto Clean symbol will blink.

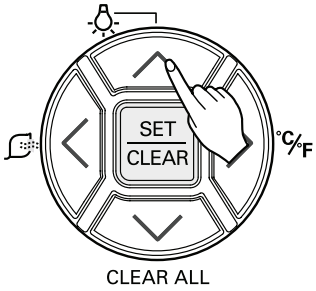


2 Press the SET/CLEAR button to reserve or cancel the Auto Clean function.

If the Auto Clean function is reserved, whenever the unit is turned off, the indoor fan is still running for about 30 minutes internally without cooling or dehumidification operation.
Also the louver is closed.
This dries up any remains of moisture & cleans the unit internally.

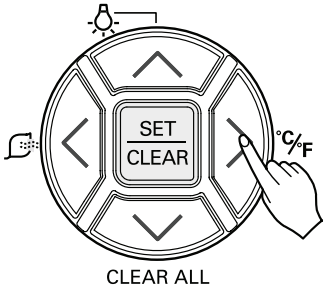
LCD Luminosity Control (Optional)

Press the LCD LUMINOSITY button.
It is comfortable when you feel that the display of the unit too bright .



Celsius/Fahrenheit Switching

Press the °C/°F SWITCH button to change from Celsius to Fahrenheit or from Fahrenheit to Celsius.



Whenever press TEMPERATURE SETTING button in Fahrenheit mode, the temperature will increase/drop 2°F.

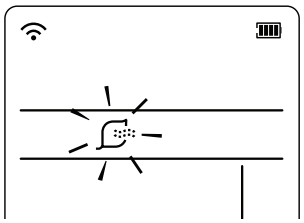
Smart Clean (Optional)

The Smart Clean function can be used by setting to manual or automatic.

Auto Smart Clean operation

If the accumulated operation time of the product exceeds 30 hours, the Smart Clean automatically starts when the unit is turned off.

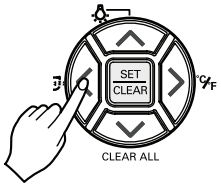
1. Press the FUNCTION SETTING button 2 times.
   Smart Clean symbol will blink.

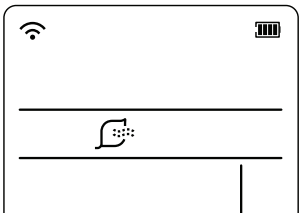


2. Press the SET/CLEAR button to reserve or cancel the Smart Clean function.
   You can set/clear with out on or off.

Manual Smart Clean operation

1. When the unit stop, press the SMART CLEAN button.
   Smart Clean symbol will be displayed.





2. To stop Smart Clean function, press the SMART CLEAN button.
   Smart Clean symbol will disappear.
   (If Auto Smart Clean is reserved, the symbol will not disappear.)

The brush clean a dust from the filter by moving from left to right or from right to left on the filter.
The sucked dust is collected into the dust box.
The operating process of Smart Clean is different from the product type.

Timer

Setting the Current Time

1. Press the TIMER button for 3 seconds.

2. Press TIME SETTING buttons until the desired time is set.

3. Press the SET / CLEAR button.

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

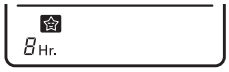
Timer Setting

1. Press the TIMER button to turn timer on or off.

2. Press TIME SETTING buttons until the desired time is set.

3. Press the SET / CLEAR button.

NOTE Select one of the following 3 types of operation.



Timer Sleep

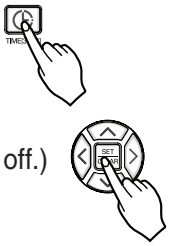
Timer On

Timer Off

To cancel the Timer Setting

- If you wish to cancel all timer setting, press the CLEAR ALL button.

- If you wish to cancel each timer setting, press the TIMER button to turn timer sleep or on or off as you want. And then press the SET/CLEAR button aiming the remote controller at the signal receptor. (The timer lamp on the air conditioner and the display will go off.)



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