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LG
Wide Wired Remote Controller

Owner's & Installation Manual

Models: PQRCUSA1

IMPORTANT

- **Please read this owner's & 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 owner's & installation manual for future reference after reading it thoroughly.**

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Safety Precaution

- 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

Be sure to request to the service center or installation specialty store when installing products.

- It will cause fire or electric shock or explosion or injury.

Request to the service center or installation specialty store when reinstalling the installed product.

- It will cause fire or electric shock or explosion or injury.

Do not disassemble, fix, and modify products randomly.

- It will cause fire or electric shock.

■ In-use

Do not place flammable stuffs close to the product.

- It will cause fire.

Do not allow water to run into the product.

- It will cause electric shock or breakdown.

Do not give the shock to the product.

- It will cause breakdown when giving the shock to the product.

Request to the service center or installation specialty store when the product becomes wet.

- It will cause fire or electric shock.

Do not give the shock using sharp and pointed objects.

- It will cause breakdown by damaging parts.

⚠CAUTION

■ In-use

Do not clean using the powerful detergent like solvent but use soft cloths.

- It will cause fire or product deformation.

Do not press the screen using powerful pressure or select two buttons.

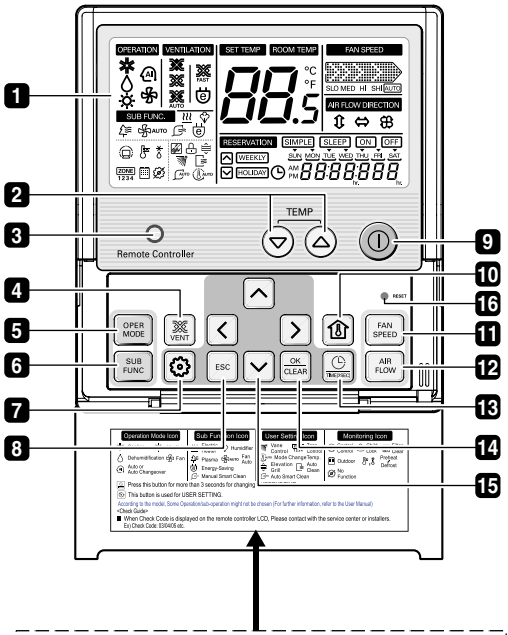
- It will cause product breakdown or malfunction.

Do not touch or pull the lead wire with wet hands.

- It will cause product breakdown or electric shock.

Part Description

Name and Function of Remote Controller



1. **OPERATION INDICATION SCREEN**
2. **SET TEMPERATURE Button**
3. **WIRELESS REMOTE CONTROLLER RECEIVER**
   - Some products don't receive the wireless signals.
4. **VENTILATION Button**
5. **OPERATION MODE SELECTION Button**
6. **SUBFUNCTION Button**
7. **FUNCTION SETTING Button**
8. **EXIT Button**
9. **ON/ OFF Button**
10. **ROOM TEMPERATURE Button**
11. **FAN SPEED Button**
12. **AIR FLOW Button**
13. **RESERVATION/ TIME SETTING Button**
14. **SETTING/ CANCEL Button**
15. **UP, DOWN, LEFT, RIGHT Button**
16. **RESET Button**

※ Some functions may not be operated and displayed depending on the product type.

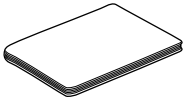
Accessory



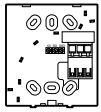
Connection Cable (1EA, 10m)



Remote controller screw (4 EA)



Owner's / Installation manual



Wired remote controller installation board

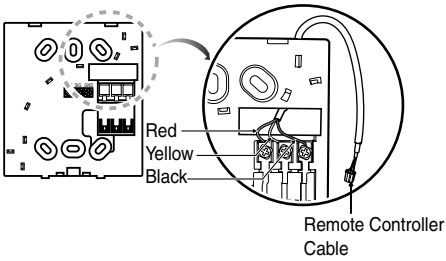


Inform label (8EA-8Languages)

Installation instruction

1. Connect the remote controller cable to the wired remote controller installation board as shown in the right picture.

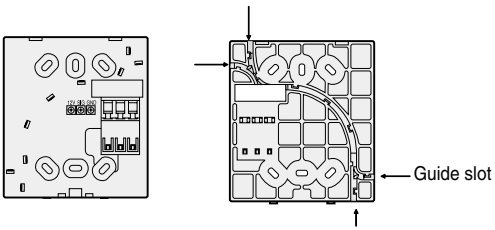
12V	Red wire
SIG	Yellow wire
GND	Black wire



※ The remote controller cable is connected as factory default.

2. After fixing the cable to the guide slot, attach the wired remote controller installation board at the desired location.

• Before fixing the remote controller cable to the guide slot, remove any clogged part of the case in the direction to install before the installation.

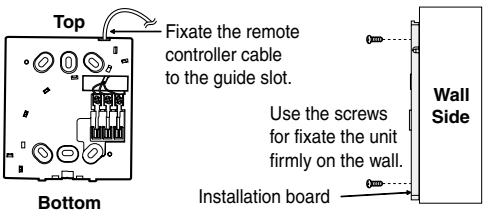


<Front side of installation board>

<Rear side of installation board>

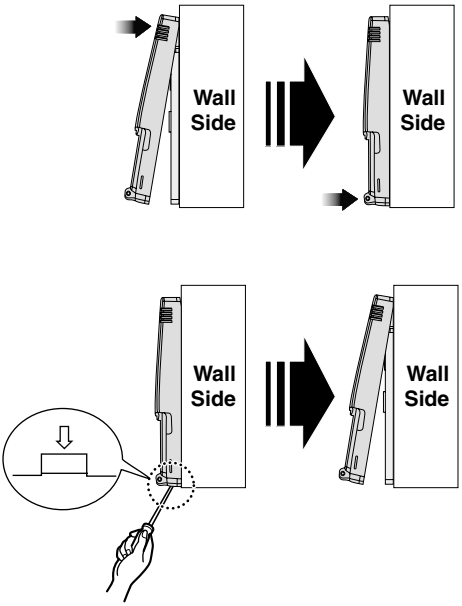
3. After locating the wired remote controller installation board at the desired location, screw the unit firmly. (When there is a buried box, install the wired remote controller board to fit the buried box.)

• Use the screws provided.

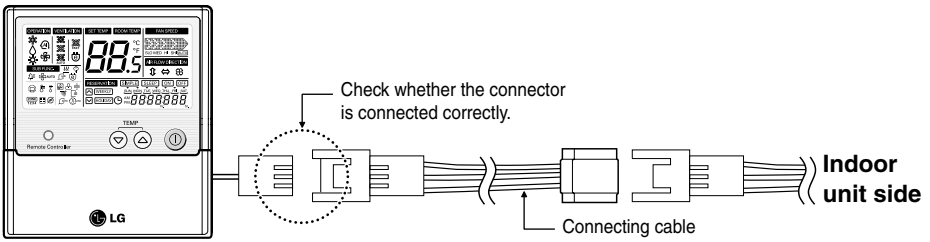


4. After fixing the top part of the remote controller to the installation board as shown in beside picture, press the bottom part to assemble the controller to it's board.

When disassembling the remote controller from the installation board, use the driver as shown in the right picture and insert it into the hole with the arrow. And when you pull the driver in the front direction, the remote controller will be separated.



5. Use the connecting cable to connect the indoor unit and the remote controller.



6. When the distance between the wired remote controller and the indoor unit is 10m and above, use the extension cable.

⚠CAUTION

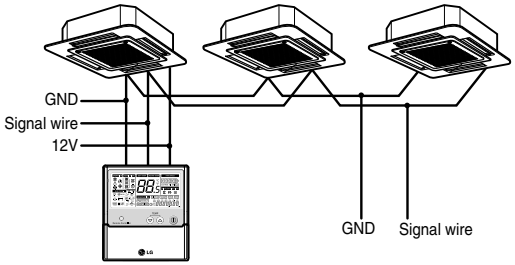
When installing the wired remote controller, do not bury it in the wall.
(It can cause damage in the temperature sensor.)
Do not install the cable to be 50m or above.
(It can cause communication error.)

- When installing the extension cable, check the connecting direction of the connector of the remote controller side and the product side for correct installation.
- If you install the extension cable in the opposite direction, the connector will not be connected.
- Specification of extension cable: 2547 1007 22# 2 core 3 shield 5 or above.

Group control

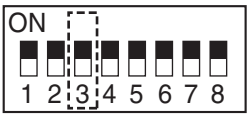
1. When installing more than 2 units of air conditioner to one wired remote controller, please connect as the right figure.

- If it is not event communication indoor unit, set the unit as slave.
- Check for event communication through the product manual.
- Refer to regarding page on how to set the slave.

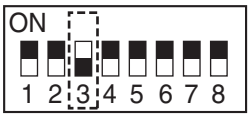


When controlling multiple indoor units with event communication function with one remote controller, you must change the master/slave setting from the indoor unit.

- Indoor units, the master/slave configuration of the product after completion of indoor unit power 'OFF' and then 'ON' the power after 1 minutes elapsed sign up.
- For ceiling type cassette and duct product group, change the switch setting of the indoor PCB.



#3 switch OFF: Master (Factory default setting)



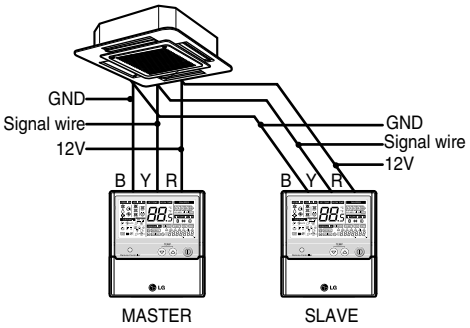
#3 switch ON: Slave

For wall-mount type and stand type product, change the master/slave setting with the wireless remote controller. (Refer to wireless remote controller manual for detail)

※ When installing 2 remote controllers to one indoor unit with event communication function, set the master/slave of the remote controller. (Refer to remote controller master/slave selection) When controlling the group, some functions excluding basic operation setting, fan level Min/Mid/Max, remote controller lock setting and time setting may be limited.

2. When installing more than 2 wired remote controllers to one air conditioner, please connect as the right picture.

- When installing more than 2 units of wired remote controller to one air conditioner, set one wired remote controller as master and the others all as slaves, as shown in the right picture.
- Refer to Installer setting section on how to set master/slave.
- You cannot control the group as shown in the right for some products.



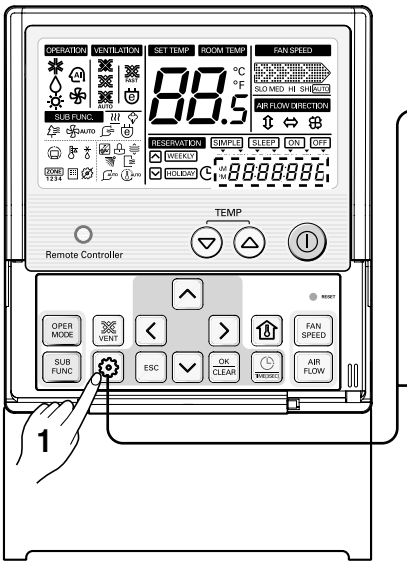
<When simultaneously connecting 2 sets of wired remote controller>

※ **Some products do not use 'Group control'. It depends on the product type. For more detail, refer to the product manual.**

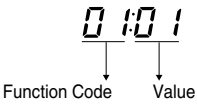
Installer Setting -How to enter installer setting mode

⚠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 Press ⚙ button for 4 secsonds to enter the installer setting mode. (When you enter the setting mode initially, Function code is displayed on the bottom of the LCD screen.)



2 Repeat pressing ⚙ button, the menu will change with the corresponding function code.

* Please refer to the following page for the function lists.

※ Some contents may not be displayed depending on the product function.

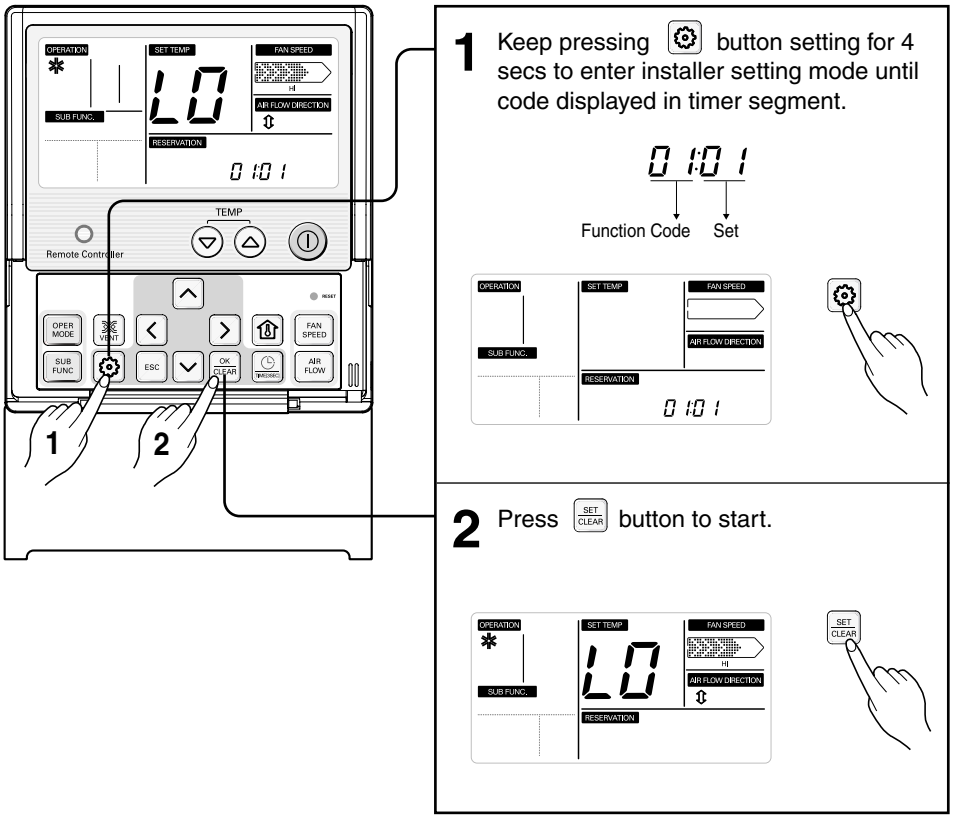
<Installer Setting Code Table>

No.	Function	Code	Value
1	Test Run	01	01:Set
2	Address Setting	02	00~FF : Address
3	E.S.P. Value	03	<ESP Step> 01:VeryLow 02:Low 03:Med 04:High 05:Very High <ESP Value> 0 ~ 255 
4	Thermistor	04	01:Remo 02:Indoor 03:2TH
5	Ceiling Height	05	01:Med 02:Low 03:High 04:Very High
6	Static Pressure	06	01:V-H 02:F-H 03:V-L 04:F-L
7	Group Setting	07	00:Slave 01:Master
8	Override Setting	08	00:Slave 01:Master
9	Dry Contact	09	00:OFF 01:ON
10	Release 3 Min. Delay	10	01:Set
11	Zone State	11	01:Variable 02:Fixed
12	Celsius Fahrenheit Switching	12	00:Celsius 01: Fahrenheit (Optimized only for U.S.A)
13	Zone Type	13	00:Old 01:New
14	Zone Number	14	02~04(Zone number)
15	Plasma	20	00: Not Installed 01: Installed
16	Electric heater	21	
17	Humidifier	22	
18	Elevation Grill	23	
19	Ventilation Kit	24	

※ Some contents may not be displayed depending on the product function

Installer Setting -Test Run Mode

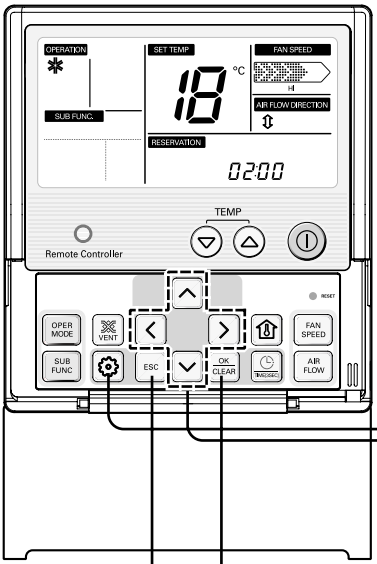
After installing the product, you must run a Test Run mode.
For details related to this operation, refer to the product manual.



✻ 18˚C cooling, High Fan Speed, Airflow direction mode will be operated during 18 minutes with ignoring room temperature.
✻ After running 18 minutes under test run mode, system will automatically turn OFF.
✻ In case of duct type, the Airflow UP/DOWN function is not displayed.
✻ During test run mode, receiving signal from wireless remote controller will release this operation. If you press any kind of button, Test Run mode will be released.

ENGLISH

Installer Setting - Setting Address of Central Control



1 Press the ⚙ button for 4 seconds to enter the installer setting mode until timer segment display "01:01".



2 Repeat pressing ⚙ button to select Function code 02.

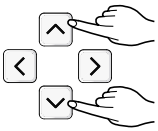
02:00 → Indoor No.

Function Code Group No

Ex) Setting Address as 'F5'

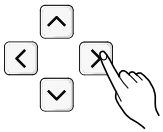
3 Set Group No. by pressing ^ v button.

02:F0



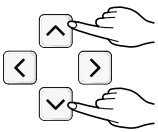
4 Move to Indoor No. setting option by pressing > button.

02:F0



5 Set Indoor No. by pressing ^ v button.

02:F5



6 Press OK CLEAR button to save or release.

02:F5



7 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



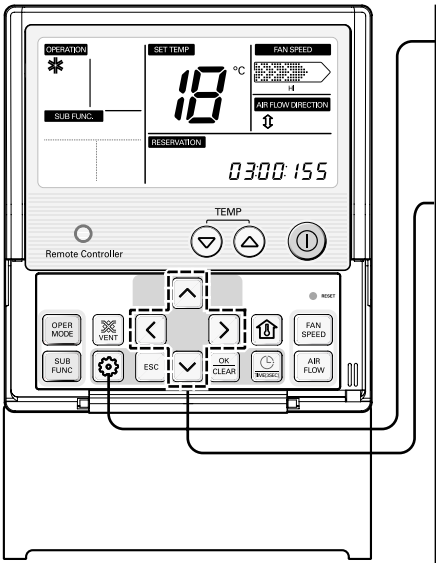
Installer Setting -E.S.P.

What is an E.S.P function?

This is the function that decides the strength of the wind for each wind level and because this function is to make the installation easier, please do not use this function when using the remote controller.

⚠CAUTION

If you set ESP incorrectly, the air conditioner may malfunction.
This setting must be carried out by a certificated-technician.
This function is used for only Duct product.



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.

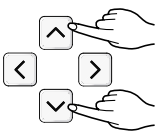


2 Repeat pressing ⚙ button to select Function code 03.

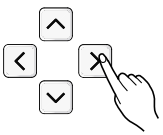
03:00:155

Function Code ESP step ESP value

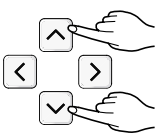
3 Set ESP step by pressing ^ v button. (01: very low, 02: low, 03: medium, 04: high. 05: power)

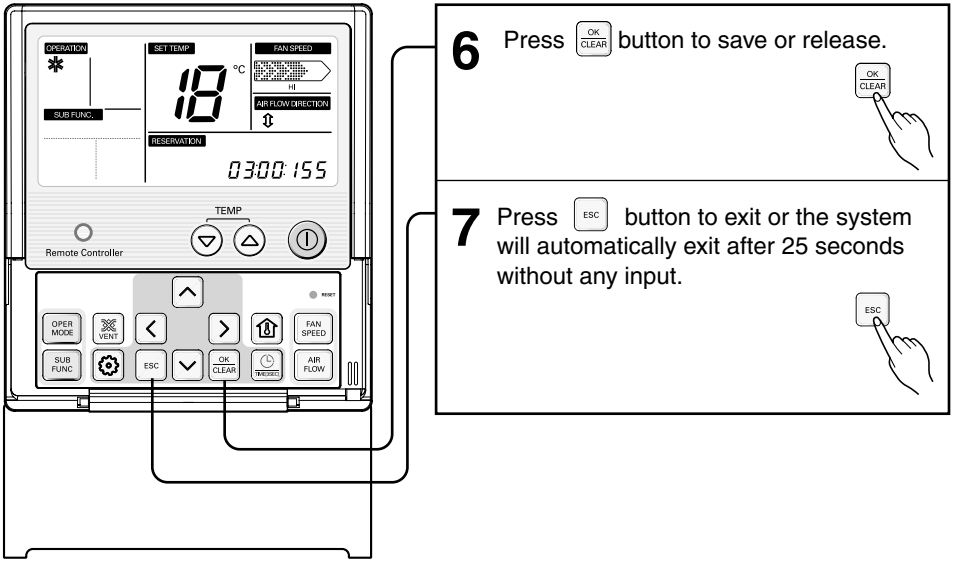


4 Move to ESP setting by pressing > button.



5 Press ^ v button to select ESP value(0~255).

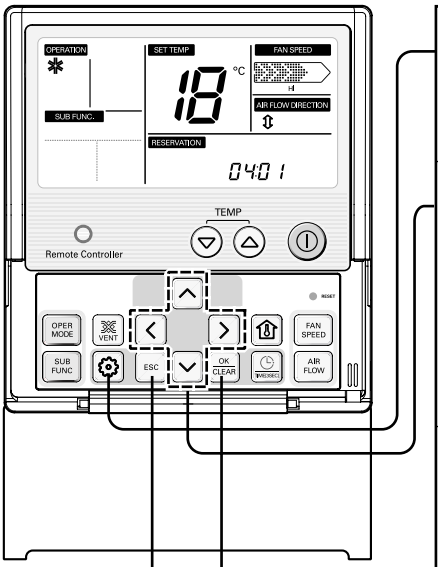




❊ Weak and Power setting is not available for some products.

❊ Because the ESP value is already appropriately set when manufactured from the factory, it is recommended that you do not change the ESP value.

Installer Setting -Thermistor



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 04.

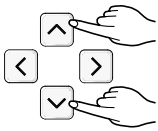
04:01

Function Code Thermistor setting

Ex) Setting Thermistor as '2TH'.

3 Set Thermistor mode by pressing ^ v button. (01: Remote Controller, 02: Indoor, 03: 2TH)

04:03



4 Press OK/CLEAR button to save or release.

04:03



5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



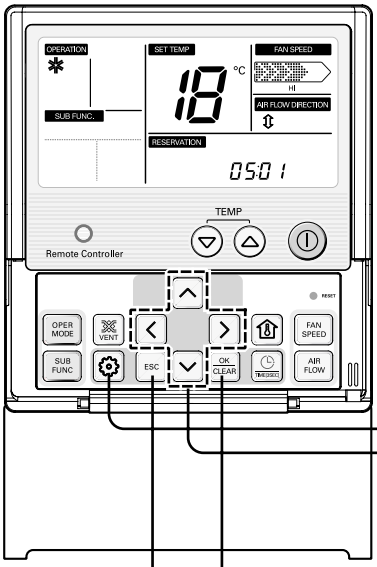
※ Therefore system will use value that sensed from indoor unit or remote controller

<Thermistor Table>

Temperature sensor location		Function
01	Remote controller	Operation in remote controller Temperature sensor
02	Indoor unit	Operation in indoor unit temperature sensor
03	2-Thermistor(2TH)	Operation in lower temperature after comparing the temperature between the indoor unit and remote controller

Installer Setting -Ceiling Height Selection

This function is to adjust FAN Airflow rate according to ceilingheight (only cassette model)



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 05.

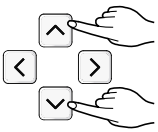
05:01

Function Code Ceiling height

Ex) Setting Ceiling Height as 'Standard'.

3 Select ceiling height value by pressing button.
(01:Low, 02:Standard, 03:High, 04:Super high)

05:02

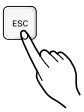


4 Press OK CLEAR button to save or release.

05:02



5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



<Ceiling Height Selection Table>

Ceiling Height Level		Description
01	Low	Decrease the indoor airflow rate 1 step from standard level
02	Standard	Set the indoor airflow rate as standard level
03	High	Increase indoor airflow rate 1 step from standard level
04	Super high	Increase indoor airflow rate 2 steps from standard level

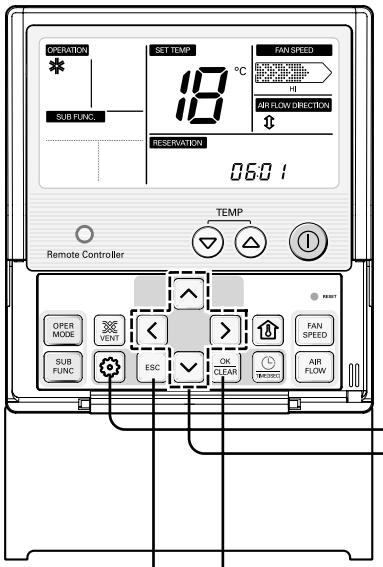
※ Ceiling height setting is available only for some products.

※ Ceiling height of ‘Super high’ function may not exist depending on the indoor unit.

※ Refer to the product manual for more details.

Installer Setting -Static Pressure Setting

This function is applied to only duct type. Setting this in other cases will cause malfunction.



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



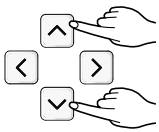
2 Repeat pressing ⚙ button to select Function code 06.

06:01

Function Code Pressure

3 Select static pressure by pressing ^ v button.

(01:V-H, 02:F-H, 03:V-L, 04:F-L)



4 Press OK CLEAR button to save or release.



5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.

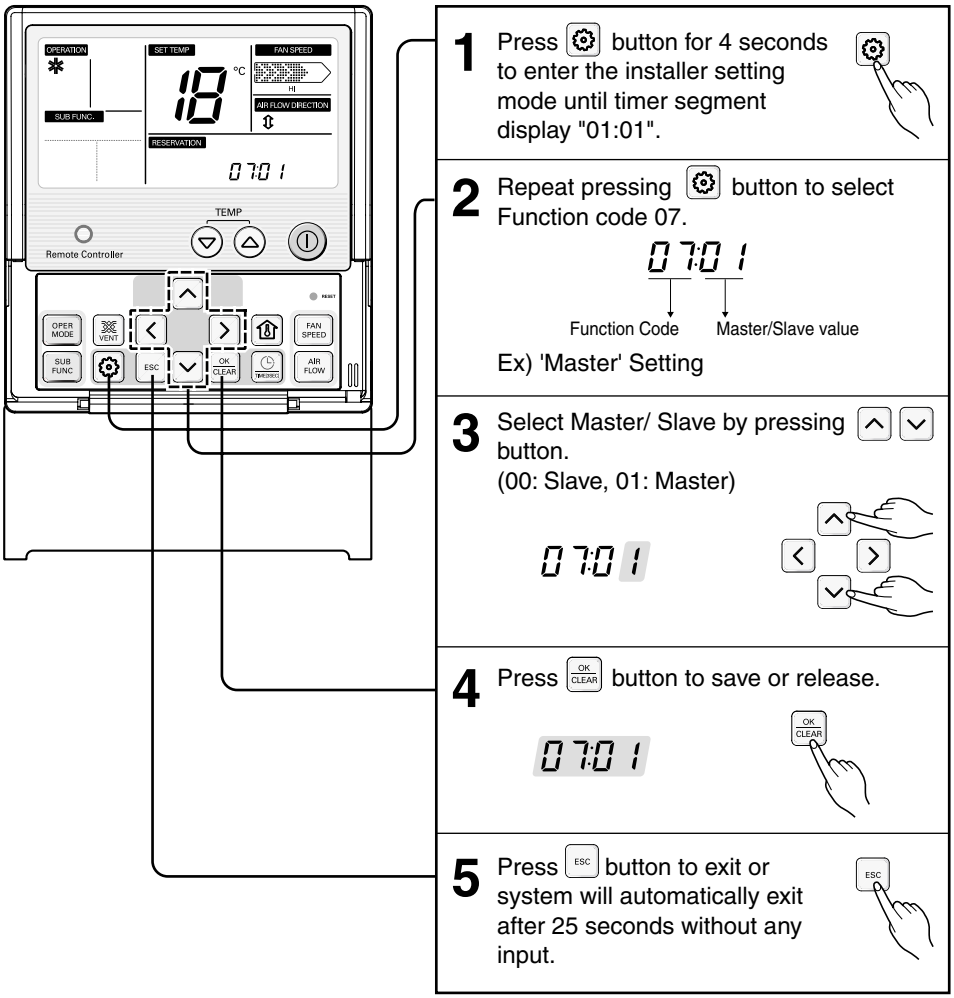


<Static Pressure Setting Table>

Pressure selection		Function	
		Zone state	ESP standard value
01	V-H	Variable	High
02	F-H	Fixed	High
03	V-L	Variable	Low
04	F-L	Fixed	Low

Installer Setting-Group Setting

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

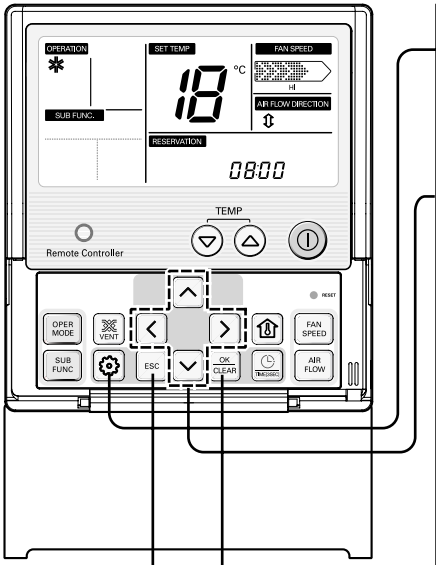


Details:

- If you setting for group control operation, some function are limited.

Installer Setting -Mode Override Setting

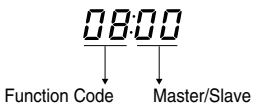
In case of More than 2 indoor units connected to 1 outdoor unit, they are assigned as Master indoor and Slave indoor. Therefore, they can operate together. (the setting code for this function is not displayed with un-equipped unit).



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display "01:01".

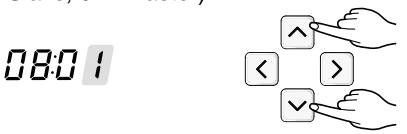


2 Repeat pressing ⚙ button to select Function code 08.



Ex) Override 'Master' Setting

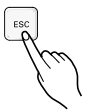
3 Select Master/ Slave by pressing ^ v button.
(00: Slave, 01 : Master)



4 Press OK CLEAR button to save or release

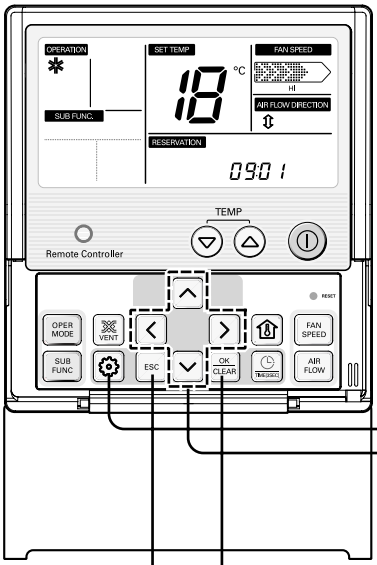


5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.

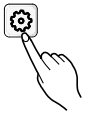


Installer Setting-Dry Contact Mode Setting

This function allows the Dry contact-indoor unit operate under Auto Run mode or Manual mode with remote controller.



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing button to select Function code 09.

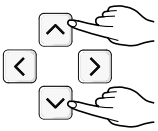
09:01

Function Code — Dry Contact setting value

Ex) Setting Dry Contact Mode 'ON'

3 Select Dry contact setting by pressing ^ v button.
(00: OFF, 01: ON)

09:01

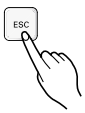


4 Press OK/CLEAR button to save or release.

09:01



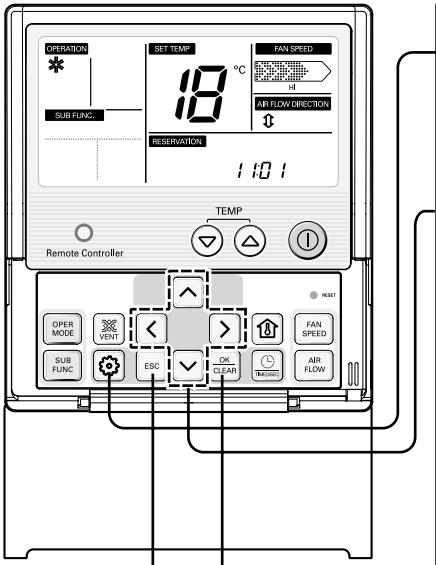
5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



* Please refer to dry contact manual for more details.

Installer Setting-Zone State Setting

This function is only available on some products.
It is possible to setup Variable or Fixed option for Zone State of indoor. The initial setting is 'Variable'



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 11.

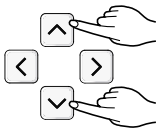
11:01

Function Code — Zone State fixing mode

Ex) Setting Zone State as 'Fixed'.

3 Select Zone State rate fixing mode by pressing ∧ ∨ button.
(01: Variable, 02: Fixed)

11:02



4 Press OK CLEAR button to save or release.

11:02

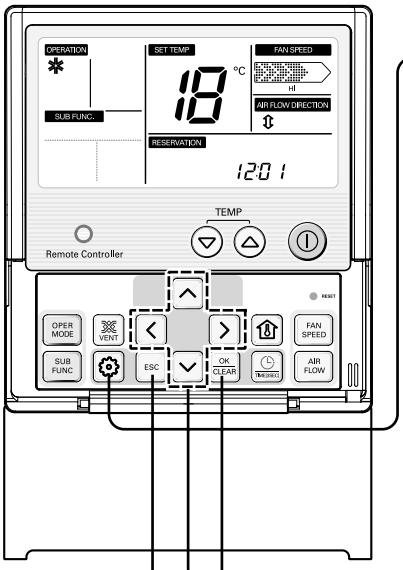


5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



Installer Setting-Celsius / Fahrenheit Switching

This function is used for switching the display between Celsius and Fahrenheit.
(Optimized only for U.S.A)



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 12.

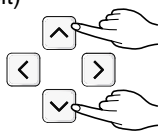
12:00

Function Code — conversion mode value

Ex) Fahrengeit Setting

3 Select Temperature unit mode by pressing ∧ ∨ button.
(00: Celsius, 01: Fahrenheit)

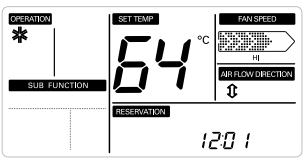
12:01



4 Press OK CLEAR button to save or release.

12:01





5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



※ Whenever press ∧ ∨ button in Fahrenheit mode, the temperature will increase/drop 2 degrees.

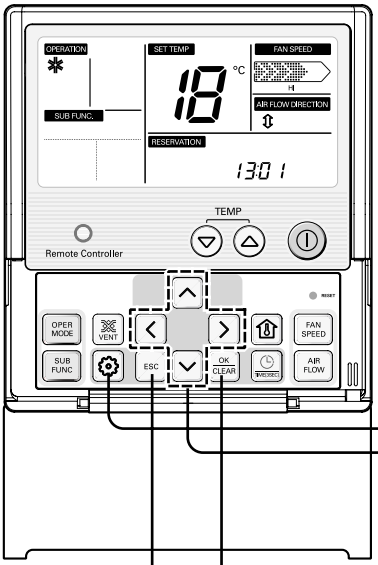
Installer Setting-Zone Type Setting

This function is only available on some products.

It is possible to setup zone new type or old one of the product which is available to install the damper controller.

⚠CAUTION

If you set zone number incorrectly, the product may malfunction especially in zone control.
This function must carried out by a certificated-technician.



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 13.

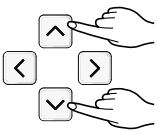
13:01

Function Code Zone type value

Ex) Setting the Zone Type as "New"

3 Select Zone Type by pressing ^ v button
(00:Old, 01:New)

13:01



4 Press OK CLEAR button to save or release.

13:02



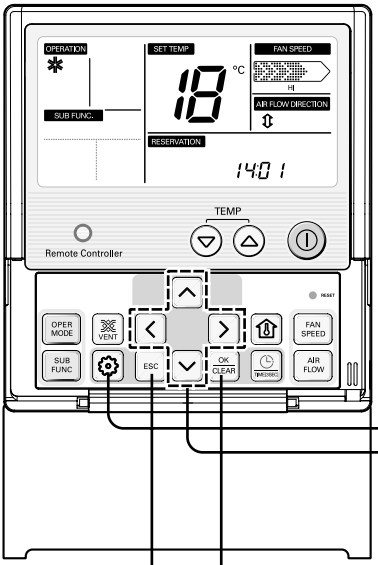
5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



Installer Setting-Zone Number Setting

This function is only available on some products.

Zone Number is to set the number of installed zones. It's possible to control only in zone new type



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.



2 Repeat pressing ⚙ button to select Function code 14.

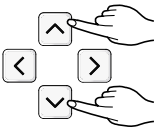
14:02

Function Code Zone Number installed

Ex) Setting the Zone Number for "2"

3 Select Zone Number by pressing ^ v button
(02~04 : number of zone installed)

14:02



4 Press OK CLEAR button to save or release.

14:02



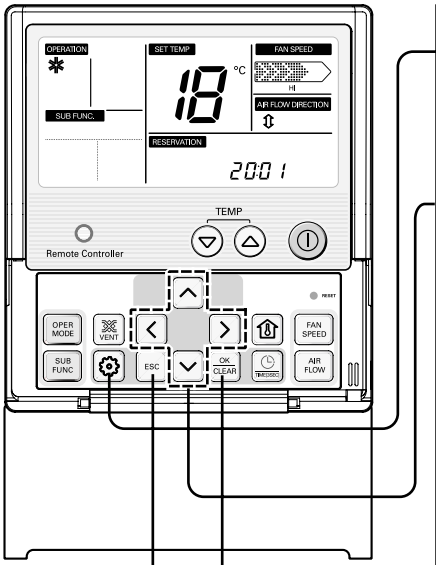
5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



Installer Setting -Optional Function Setting

For the optional product such as PLASMA PURIFICATION/DEHUMIDIFIER/ ELECTRIC HEATER and VENTILATION, ELEVATION GRILL.

It is possible to set the items are installed or not



1 Press ⚙ button for 4 seconds to enter the installer setting mode until timer segment display “01:01”.

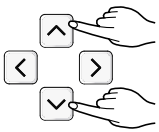


2 Repeat pressing ⚙ button to select function code.
(20: PLASMA PURIFICATION,
21: DEHUMIDIFIER,
22: ELECTRIC HEATER,
23: ELEVATION GRILL,
24: VENTILATION KIT)

20:01

Function Code — Existing condition

3 Select existing condition of each mode by pressing ^ v button.
(00: not installed,
01 : installed)



4 Press OK CLEAR button to save or release.

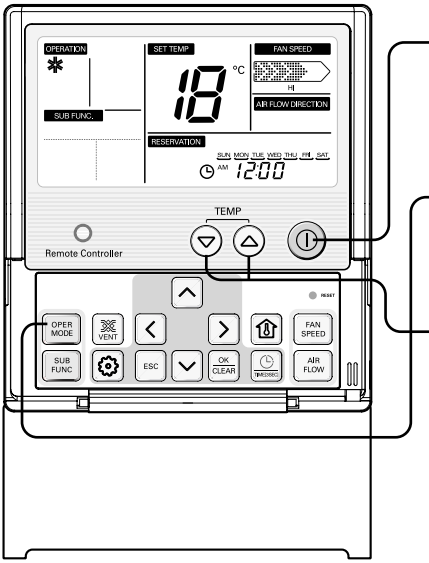


5 Press ESC button to exit or system will automatically exit after 25 seconds without any input.



Owner's instruction

Cooling Mode - Standard Operation



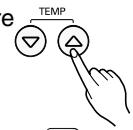
1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Cooling operation mode.



3 Adjust the desired temperature by pressing ▽ △ buttons.



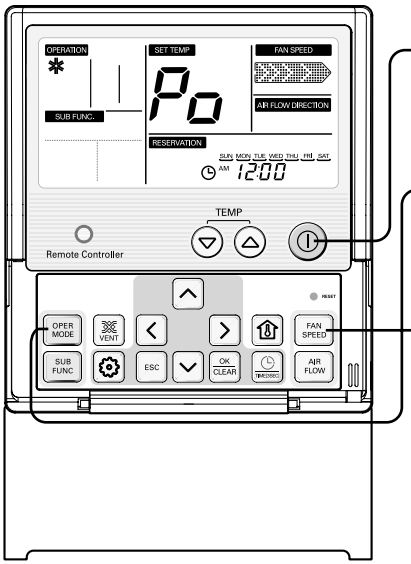
Press 🏠 button to check the Room temperature.
When setting the desired temperature higher than room temperature, only ventilation wind is blow out instead of cooling wind.



❖ Setting Temp Range : 18˚C~30˚C (64˚F~86˚F)

Cooling Mode - Power Cooling

It makes the room cool using pleasant and fresh air quickly



1 Press ⏻ button to turn on the indoor.

2 Press OPER MODE button to select Cooling operation mode.

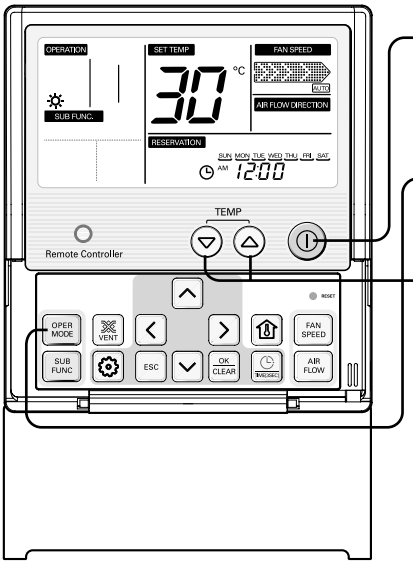
3 Press FAN SPEED button continuously until "Po" displayed.

What is power cooling?

- Desired temperature: 18°C
- Fan Speed: special high cool (Power air)

✻ It quickly lowers the room temperature by operating.

Heating Mode



1 Press ⏻ button to turn on the indoor.

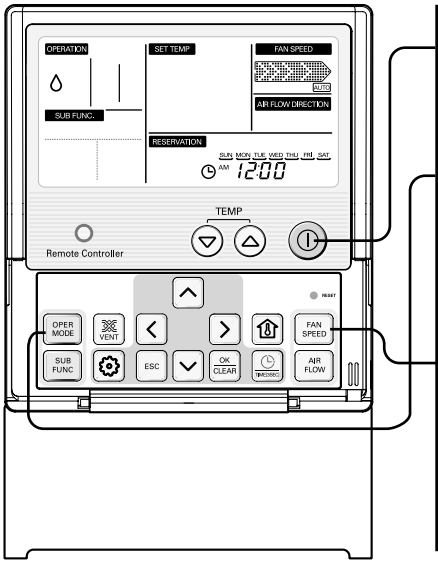
2 Press OPER MODE button to select Heating mode.

3 Adjust the desired temperature by pressing ▽ △ buttons.

When setting the desired temperature lower than room temperature, there is only ventilation wind.

❖ Setting Temp Range : 16˚C~30˚C (60˚F~86˚F)

Dehumidification Mode



1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Dehumidification mode.
The temperature setting can not be adjusted during operation this mode.



3 Press the FAN SPEED button to select airflow rate SLO → LO ' MED → HI → (NONE) → AUTO

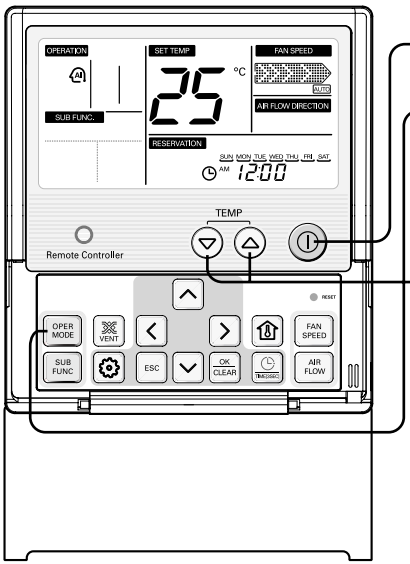


(The lists depends on products function)

❖ NONE : Power level of Fan Speed

In rainy season or high humidity climate, it is possible to operate simultaneously dehumidifier and cooling mode to remove humidity effectively.

Auto Changeover Mode



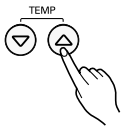
1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Auto Changeover Mode.

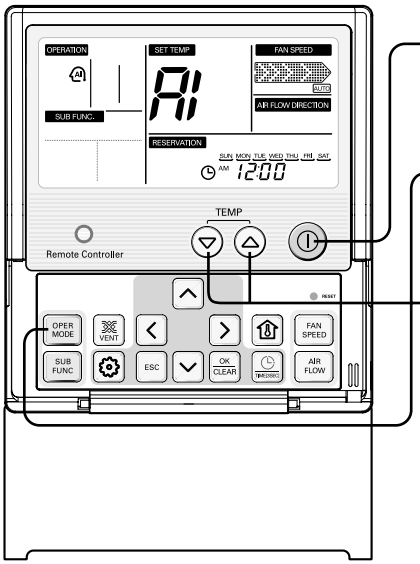


3 The setting temperature as the right side picture can be set in both cooling/ heating model.



❖ Setting Temp Range : 18˚C~30˚C (64˚F~86˚F)

Auto Operation Mode



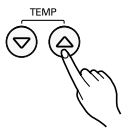
1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Auto Operation Mode.



3 Incase of operating under only cooling mode, set '0' as standard level, we can adjust the temperature from step -2 to step 2.



During operating Auto Operation mode:

- We can use the FAN SPEED button
- We can change manually to other operation mode.

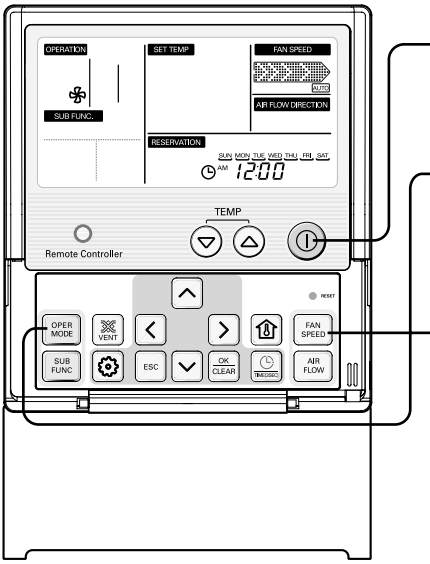
❖ Auto Changeover mode and Auto Operation mode may not operate depending on product type. For more detail please refer the product manual.

Please select the code defend on your feeling.

<Code Table>

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

Fan Mode



1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button.



3 Press the FAN SPEED button to select airflow rate SLO → LO ' MED → HI → (NONE) → AUTO

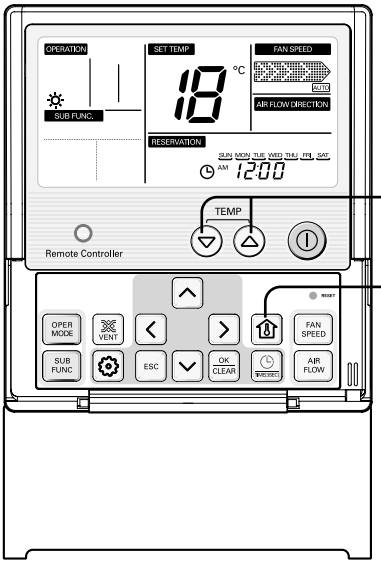
(The lists depends on products function)



❊ When operating in wind mode, the outdoor compressor doesn't work.

❊ FAN operation doesn't bring out cold air but air from regular fan comes out.

Temperature setting/ room temperature check



1 We can simply adjust the desired temperature.

• Press the ▽ △ buttons to adjust the desired temperature.

△ : 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.

Depend on what kind of controller, the desired temperature can be adjusted at 0.5˚C or 1˚F.

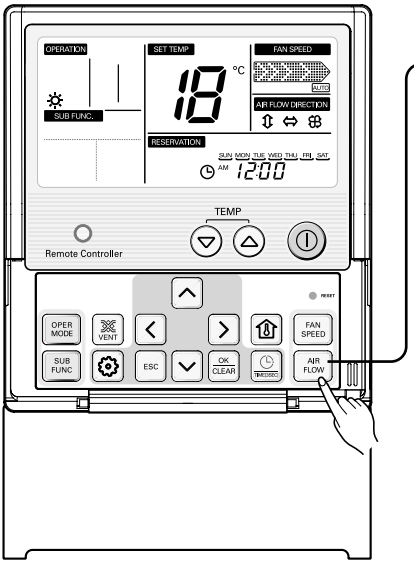
Cooling operation: The cooling mode doesn't work if desired temperature is higher than room temperature Please lower the desired temperature.

Heating operation: The heating mode doesn't work if desired temperature is lower than room temperature Please increase the desired temperature.

2 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

Ariflow Setting

We can simply adjust the desired airflow rate



1 Press AIR FLOW buttons to set the desired airflow direction.

- → (NONE) → → → →
- Display of these lists depends on products function.

❖ NONE : Released swirl

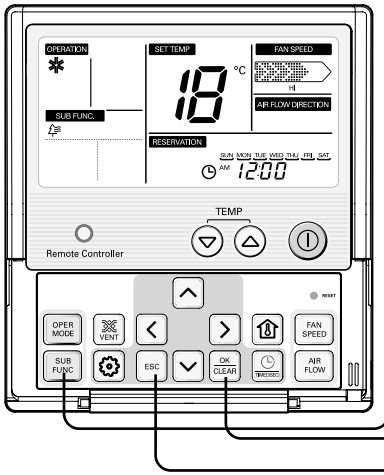
Please refer to the manual of product.

<Ariflow Setting Table>

Symbol	Description
	Swril : vane paired opend cross
	Up·Down : Vane move from up to down automatically and continuously
	Left·Right : Vane move from left to right automatically and continuously

❉ Some functions may not be operated and displayed depending on the product type.

Sub function : Plasma Purification



1 Repeat pressing SUB FUNC button until icon flash.

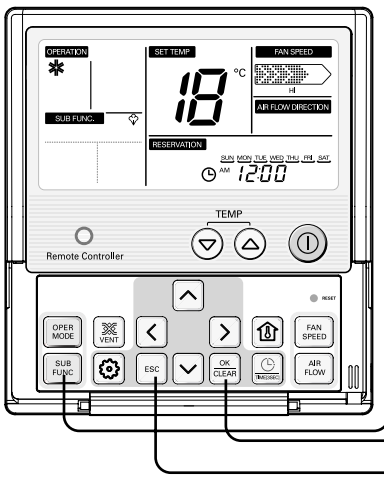
2 Operate or cancel Plasma Purification function by pressing OK CLEAR button.
(icon appears/disappears on SUB FUNCTION display part up to selection)

3 After setting, press ESC button to exit.

When turn the machine off, Plasma function is off (And also off when restart indoor)

In case of such model that has no Plasma sub function, it doesn't appear when pressing SUB FUNC button.

Sub function : Humidifier



1 Repeat pressing SUB FUNC button until icon flash.

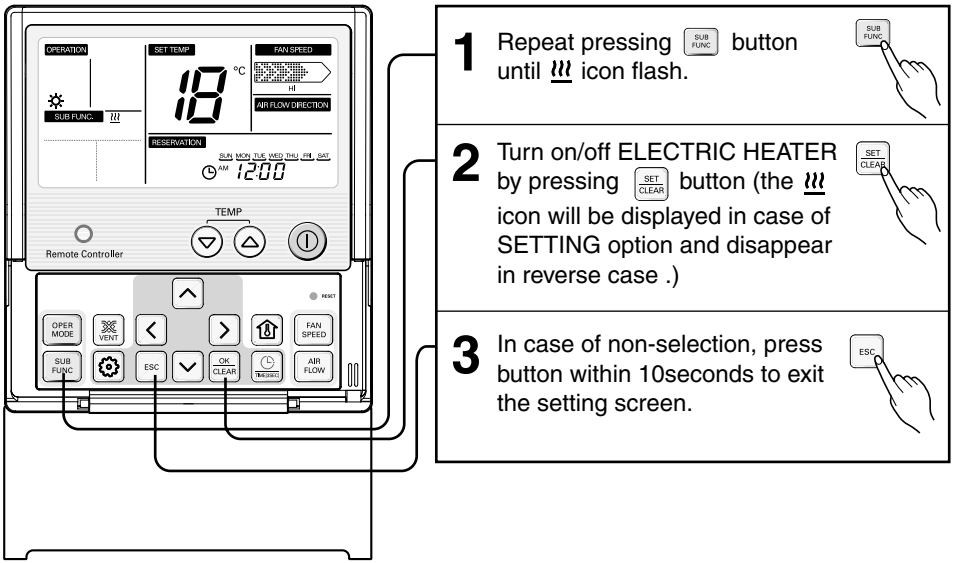
2 Turn on/off HUMIDIFIER by pressing OK CLEAR button (The icon will be displayed in case of SETTING option and disappear in reverse case .)

3 In case of non-selection, press button within 10 seconds to exit the setting screen.

Details:

- Humidifier function is not used in Dehumidification mode.
- When turn on/off the product, Humidifier function is off (And also off when restart indoor)
- Humidifier function can be used in the unit stop mode in case of some product.
- In case of such model that has no Humidifier sub function, it doesn't appear when pressing SUB FUNC button.

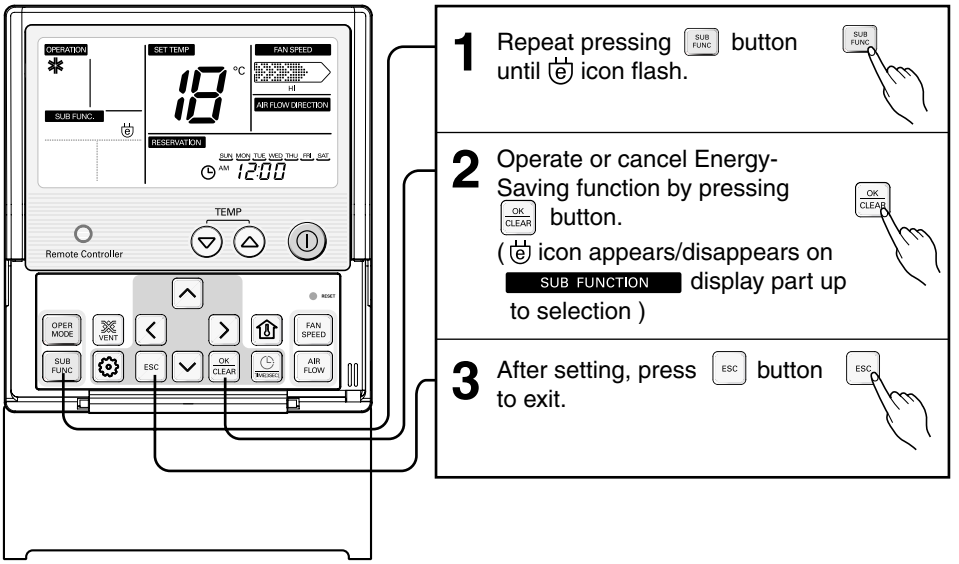
Sub function : Electric Heater



Detail

- Electric Heater function is only available under Heating mode in the unit run mode
- Electric Heater function can be used in the unit stop mode in case of some product.
- While Electric Heater operates together with Heating mode, Electric Heater is off when turn the machine off (And also off when restart Heating mode by both wireless or wired remote controller)
- Whenever changing operation mode while Electric Heater running together with Heating mode, Electric Heater will be off automatically.
- In case of such model that has no Electric Heater sub function, it doesn't appear when pressing SUB FUNC Button.
- Electric Heater operation is also active by wireless remote controller.

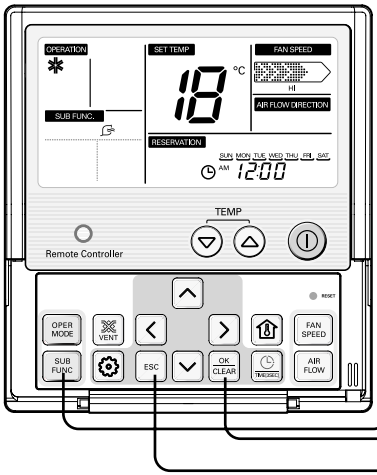
Sub function : Energy-Saving Cooling Operation



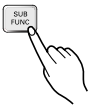
Detail

- Energy-Saving function can be used only under the Cooling operation.
- Set temperature can be change into 22°C if set temperature was below 22°C when you set this function.
- When turn the machine off, Energy-Saving function is off (And also off when restart indoor)
- In case of such model that has no Energy-Saving sub function, it doesn't appear when pressing SUB FUNC button.

Sub function : Manual Smart Clean Operation



1 Repeat pressing [SUB FUNC] button until icon flash.



2 Turn on/off Smart Clean function by pressing [OK CLEAR] button.
(icon appears/disappears on SUB FUNC. display part up to selection)



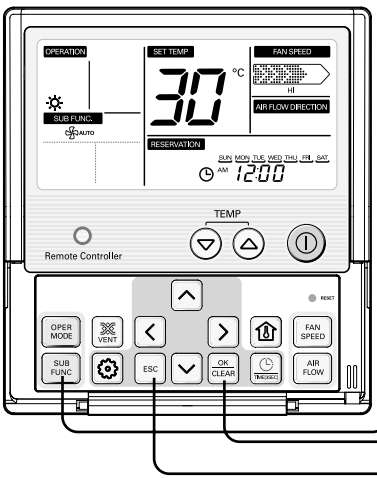
3 After setting, press [ESC] button to exit.



Detail

- When the unit stop only used. (Is set in 30 seconds)
- In case of such a model that has no Smart Clean function, it doesn't appear when pressing button. [SUB FUNC] button.

Sub function : Fan Auto



1 Repeat pressing [SUB FUNC] button until the AUTO icon flash.



2 Operate or cancel Fan Auto function by pressing [SET CLEAR] button.
(AUTO icon appears/disappears on SUB FUNC. display part up to selection.)



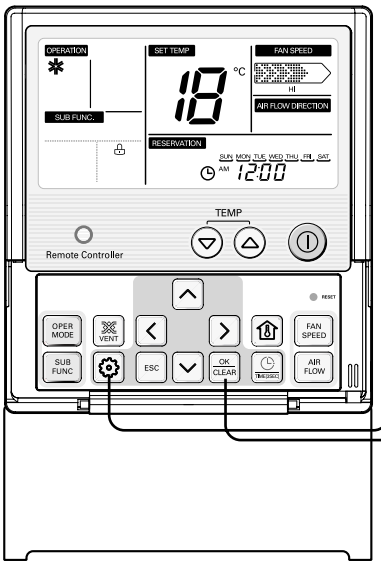
3 After setting, press [ESC] button to exit.



Details:

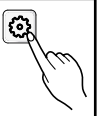
In case of such model that has no Fan Auto sub function, it doesn't appear when pressing [SUB FUNC] button.

Function setting : Child Lock



This function is to prevent children or other people from using indoor.

1 Press ⚙ button repeatedly until the 🔒 is flashing.

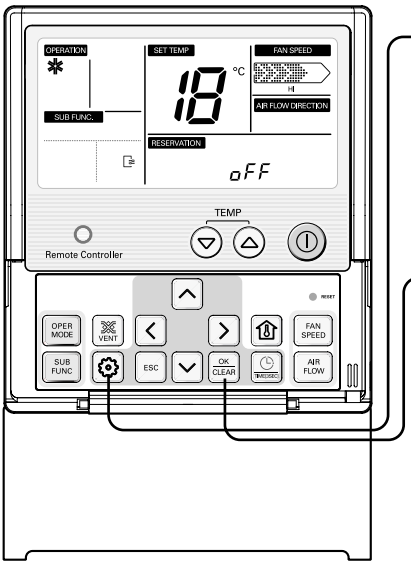


2
- When the button flashing, press OK CLEAR button to set this function.
- When setting this function, 🔒 icon will be displayed whenever entering any operation except for Room temperature access. However, it is possible to control normally by wireless remote controller.



3 To release this setting, keep pressing ⚙ button until 🔒 icon flash and then enter OK CLEAR button.

Function setting : Auto Clean Operation



This function is to enable or disable the Auto Clean function.

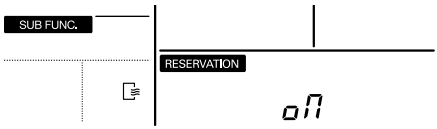
1 Press ⚙ button repeatedly until the 📝 is flashing.
(Time seg in the on/off displayed.)



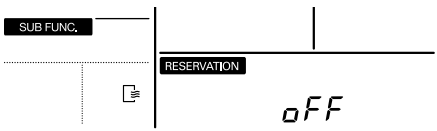
2 When the 📝 flashing, press OK CLEAR button to set this function.



Set state : Enable Auto Clean function



Clear state : Disable Auto Clean function

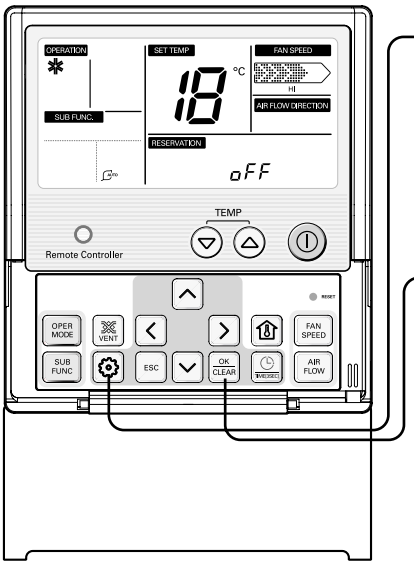


3 **To release this setting, keep pressing ⚙ button until 📝 icon flash and then enter OK CLEAR button.**

Details:

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.

Function setting : Automatic Operating Smart Clean



This function is to set the Smart Clean Unit operates automatically or not.

1 Press ⚙ button repeatedly until the AUTO is flashing.



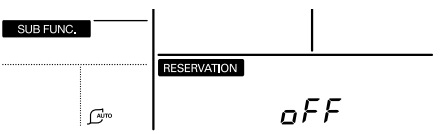
2 When the AUTO flashing, press OK CLEAR button to set/clear this function.



Set state : Enable Auto Smart Clean function



Clear state : Disable Auto Smart Clean function



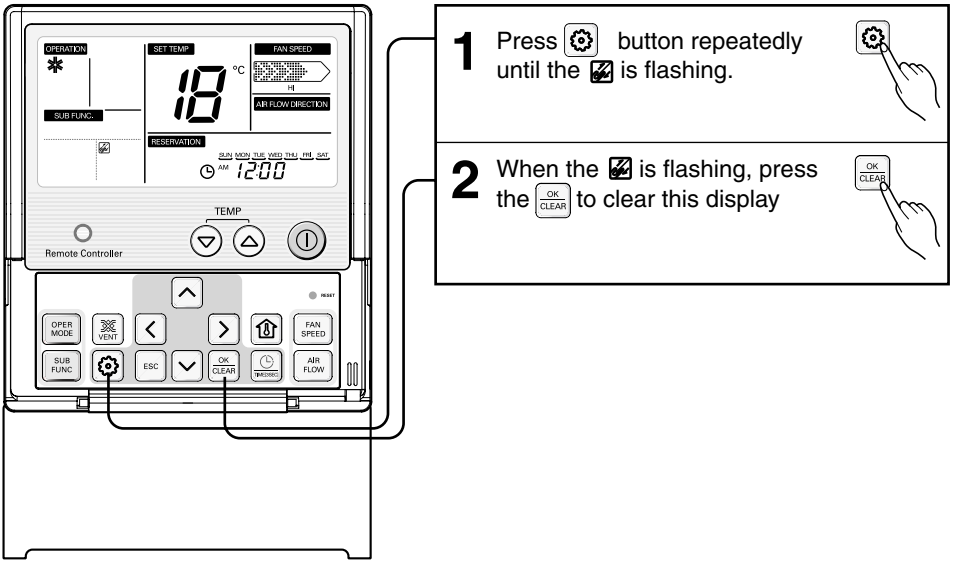
3 **To release this setting, keep pressing ⚙ button until AUTO icon flash and then enter OK CLEAR button.**

Details:

After set this function enable, the Smart Clean automatically starts when the unit is turned off if the accumulated operation time of the product exceeds 30 hours.

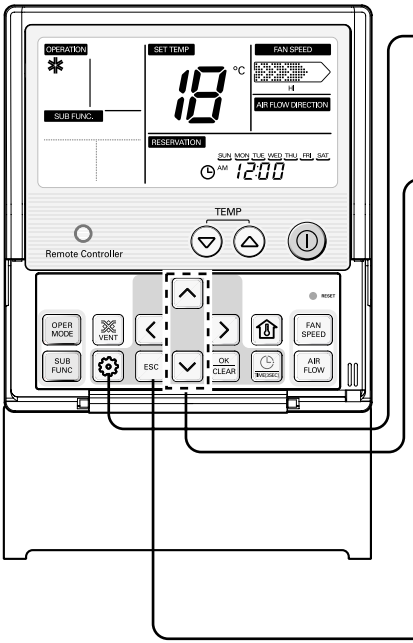
Function setting : Filter Sign Clear

This function is to clear the indicator of indoor filter cleaning.



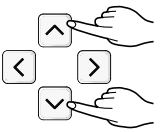
When filter is covered by dust, it will reduce cooling/ heating efficiency and accumulate more electric power. Therefore, do clean the filter whenever cleaning time is expired.

Function setting : Elevation Grill



This function is to move the indoor filter up/ down for cleaning filter.
The setting is applied only to product that has this function.

- Press ⚙ button.
- Repeat pressing ⚙ button until ⇕ icon flash.
- Press ∧ ∨ button to control the grill Up/ Down or stop it
- ∧ button: move grill up from stopping or stop grill from moving
- ∨ button: move grill down from stopping or stop grill from moving.

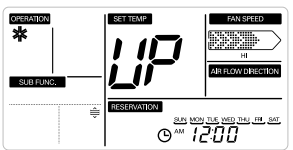


After setting, press button to exit or system will automatically release without input after 60 seconds.

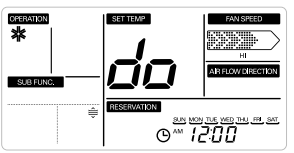


Details:
In case of such model that has no this sub function, it doesn't appear when pressing ⚙ button.

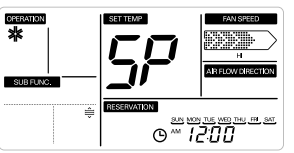
<LCD Display of Elevation Grill>



Direction: Up



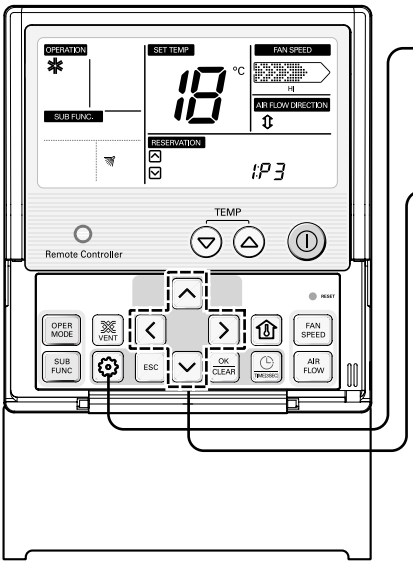
Direction: Down



Direction: Stop

Function setting : Vane Angle Control

This function is to adjust angle at which airflow is blow out.



1 Press ⚙ button.



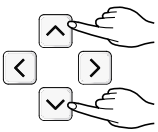
2 Repeat pressing ⚙ button until icon flash.

Ex) Setting second Vane Angle as 'P3'



3 Press ^ v button to select active vane: 1/2/3/4/All
1-4: control individually each vane
All: control all vane with the same duration.

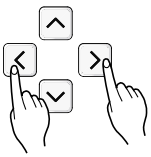
1:P 1



4 Press < > button to select Vane number/ Vane angle.

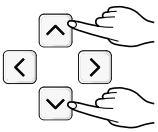
Vane angle : 6 Step(P1~P6) & Sd
Sd : Standard angle

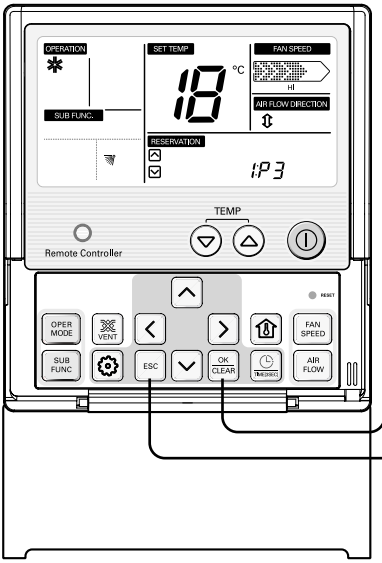
2:P 1



5 Press ^ v button to adjust the angle value.

2:P3





6 Press OK CLEAR button to complete and active the setting process. (Airflow direction function will be released whenever setting vane angle)



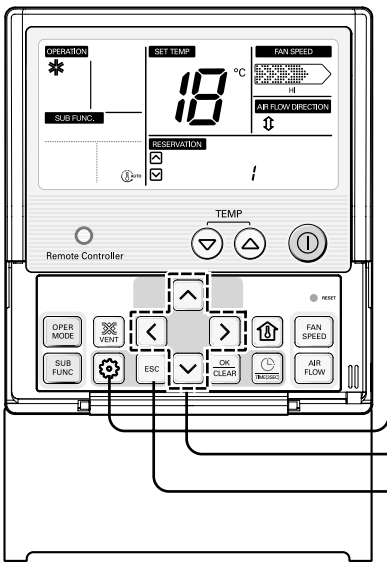


7 Press ESC button to exit or system will automatically release without any input after 25 seconds.



Function Setting : Mode Change Temp

This function is to set converting temp. of Auto Changeover



1 Press ⚙ button.



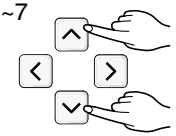
2 Repeat pressing ⚙ button until AUTO icon flash.

Ex) Setting ACO Temp as '3'.

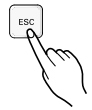


3 Press ^ v button to change converting temp value : 1~7





4 Press ESC button to complete and active the setting process.

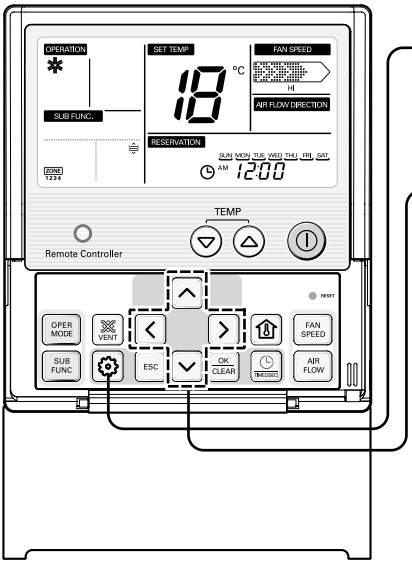


5 Press ESC button to exit or system will automatically release without any input after 25 seconds.



Function setting : Zone Control

To turn on/off the zones by used of it



1 Press ⚙ button.



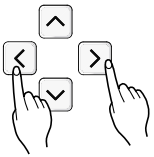
2 Repeat pressing ⚙ button until ZONE icon flash.

Ex) Turn on the zone1and zone3.



3 Press < > button to select the zone that which one you want to turn on/off.

ZONE
1



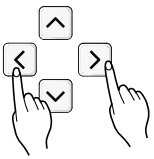
4 Press OK CLEAR button to turn on/off zone.

ZONE
1

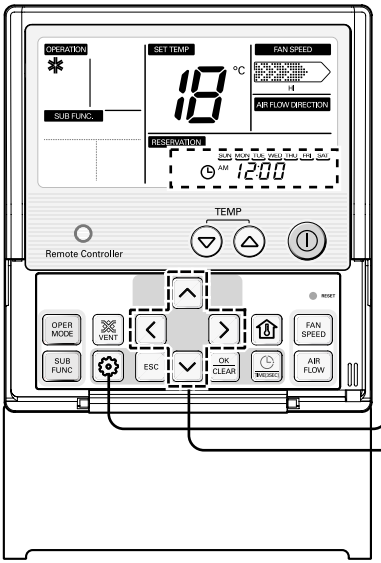


5 Press < > button To select other zones If you want.
Then, Press OK CLEAR button to turn on/off that zone as mentioned above

ZONE
1 2



Changing Current Time

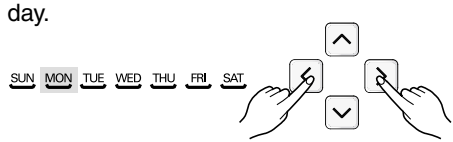


1 Keep pressing [TIMER/SEC] button for 4 secs to enter Setting current time mode.



Ex) Changing Current Time as 'Monday / AM 10:20'.

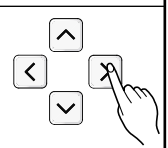
2 Press [<] [>] key to adjust the current day.



3 Press [∨] key to move to AM/ PM setting mode (the 'AM/ PM segment will flash).



4 Setting AM/ PM value by pressing [>] button.

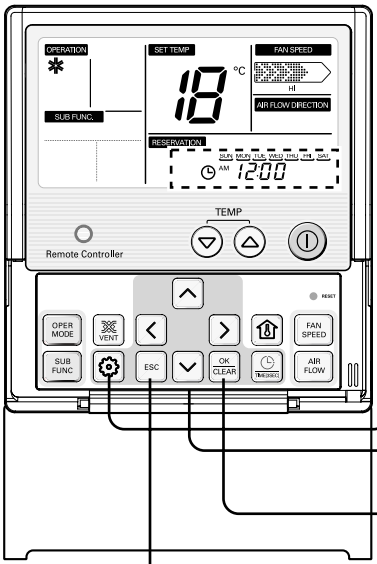


5 Press [>] button to move to 'Hour' setting mode. (the 'Hour' segment will flash)



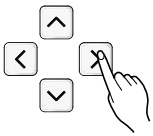
6 Setting Hour value by pressing [∧] [∨] button.





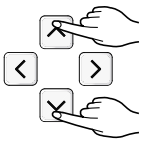
7 Press [>] button to move to 'Minute' setting mode. (the 'Minute' segment will flash)

AM 10:00



8 Setting Minute value by pressing [^] [v] button.

AM 10:20



9 Press [OK CLEAR] button to finish.

AM 10:20

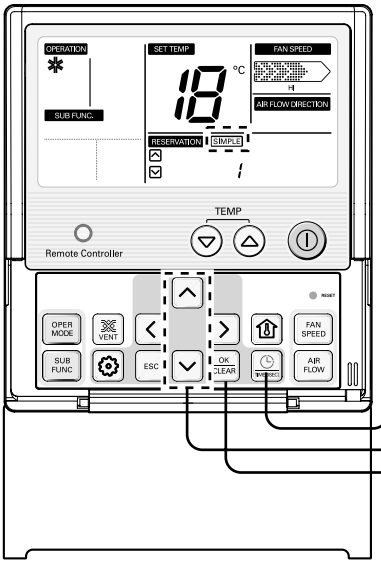


10 In the process, press [ESC] button to release and exit from setting mode.
(In case of exit with incomplete information, it will return to the previous setting)



Programming : Setting Simple Reservation

In case of there is not any reservation setup on system, it is possible to make a SIMPLE reservation on indoor unit.



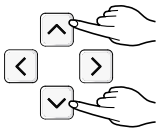
1 Press TIMER/SET button to enter the Programming mode.
(the SIMPLE segment flashing)



Ex) Setting Simple Reservation time as '3'.

2 Press ^ v button to adjust reservation time.

1 ➜ 3



3 Press OK CLEAR button to finish setting.

3

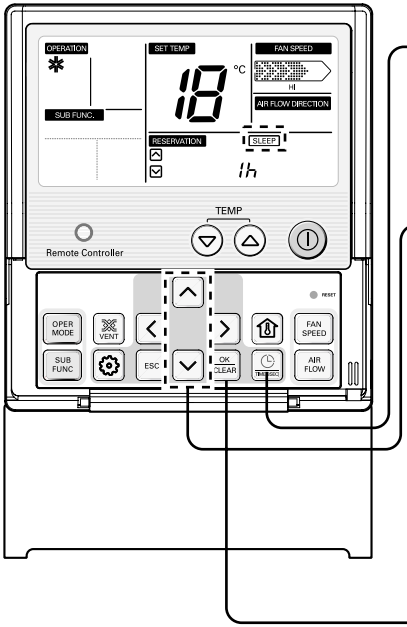


4 Adjusting the reservation time after finish reservation setting will release the previous one.

※ If the indoor is ON, we can make the reservation for turning OFF. In reserve, if the indoor is OFF, we can set the timer for turning ON. The reservation time is from 1 to 7 hours.

Programming : Setting Sleep Reservation

This function is able to turn off Air conditioner when sleeping or after some hours.



1 Press TIMEGUIDE button to enter the Programming mode.

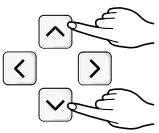
Ex) Setting Sleep Reservation time as '3'.



2 Repeat pressing TIMEGUIDE button to enter the SLEEP reservation setting mode.
(SLEEP segment flashing)

3 Press ^ v button to adjust reservation time.
The SLEEP reservation time is from 1 to 7 hours.

1h ➜ 3h



4 Press button to finish setting.
Whenever reservation is done, SLEEP icon will flash.
When this setting is released, SLEEP icon will disappear.



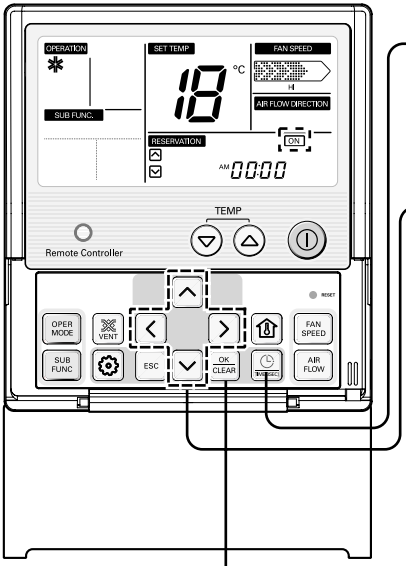
5 Adjust the reservation time after finish reservation setting will release the previous one.

⚠CAUTION

Please set a suitable time for sleep reservation.
(turning cooling for long time may be harmful to health)

Programming : Setting ON Reservation

This function is able to turn air conditioner ON after a setting time.



1 Press [TIMER SET] button.

Ex) Setting ON Reservation
Time as 'AM 10:20'.

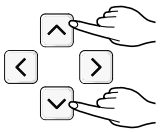


2 Repeat pressing [TIMER SET] button to enter the ON reservation setting mode.
([ON] segment flashing)



3 Press [∧] [∨] button to adjust AM/ PM setting.

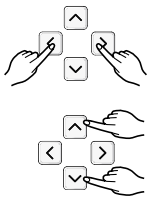
AM 12:00



4 Press [<] [>] button to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00

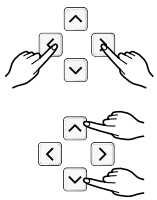
AM 10:00



5 Press [<] [>] button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.

AM 10:00

AM 10:20



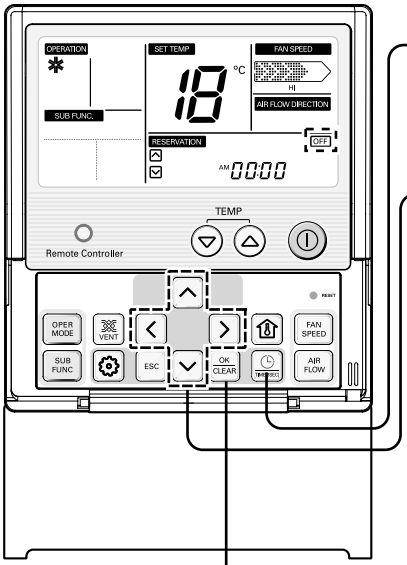
6 Press [OK CLEAR] button to finish setting.

AM 10:20



Programming : Setting OFF Reservation

This function is able to turn air conditioner OFF after a setting time.



1 Press [TIMER SET] button.

Ex) Setting OFF Reservation
Time as 'AM 10:20'.

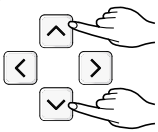


2 Repeat pressing [TIMER SET] button to enter the OFF reservation setting mode.
([OFF] segment flashing)



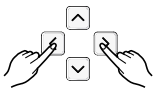
3 Press [∧] [∨] button to adjust AM/ PM setting.

AM 12:00

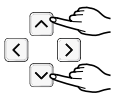


4 Press [<] [>] button to shift to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00

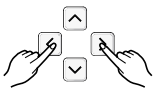


AM 10:00

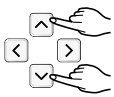


5 Press [<] [>] button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.

AM 10:00



AM 10:20



6 Press [OK CLEAR] button to finish setting.

AM 10:20



Programming : Weekly Reservation

The weekly reservation is active after setting current time

1 Press programming button to enter the Programming mode. Repeat pressing button to select [Weekly reservation].
(The segment will be flashed)

Ex) Setting one action as below.
- Day : TUE
- ON Time : 11:30 AM
- OFF Time : 12:30 PM



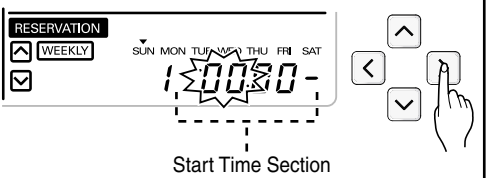
2 Press left, right button to adjust the current day.



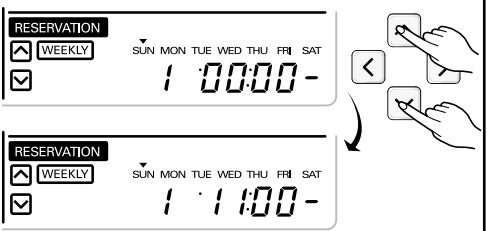
3 Press up, down button to adjust the action number.



4 Press right button to move to 'Hour' Part on ON Time section.
(The 'Hour' segment will be flashed)



5 Press up, down button to adjust the Hour on Start Time section.

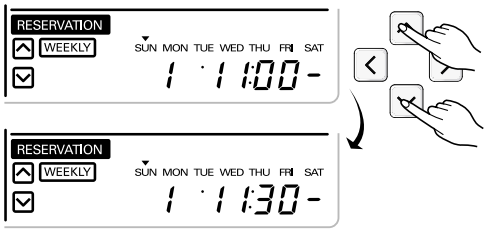


6 Press right button to move to 'Minute' Part on Start time section.
(The 'Minute' segment will be flashed)

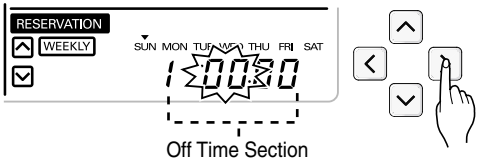


ENGLISH

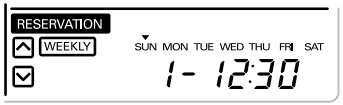
7 Press up, down button to adjust the Minute on Start Time section.



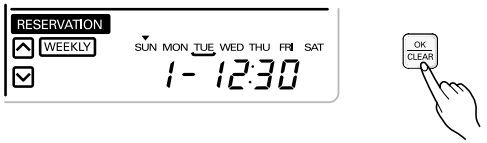
8 Press right button to move to 'Hour' Part on OFF Time section.
(The 'Hour' segment will be flashed)



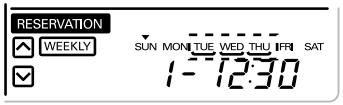
9 Please refer the process from No.5 to No.7 for setting OFF Time. It is same method.



10 If you finish the setting, press setting/cancel button to complete programming.
The under bar segment will be created, when it finished.



11 Please refer the process from No.2 to No.10 for setting other day weekly program. It is same method.



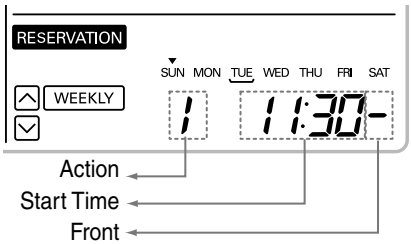
12 Press exit button to exit or system will automatically release without any input after 25 seconds.



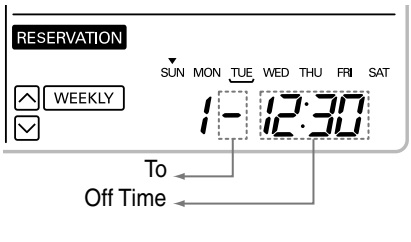
<Note>

Description of weekly reservation

<Start Time Section>



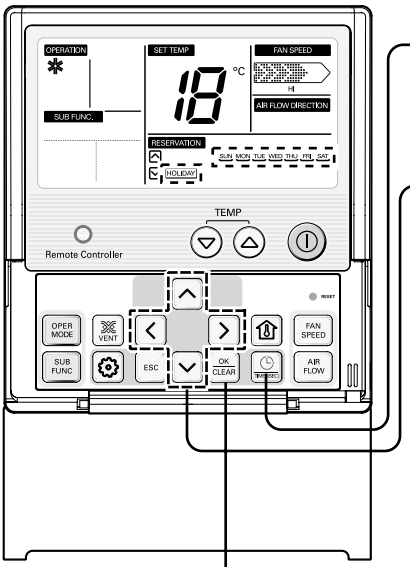
<Off Time Section>



✻ Two actions per weekday can be programmed, in total 14 actions

Programming : Holiday Reservation

This function is to automatically stop the machine working on some days.



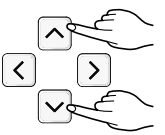
1 Press [TIMER SET] button to enter the reservation setting mode.



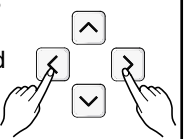
2 Repeat pressing [TIMER SET] button to enter the holiday reservation setting mode.
([HOLIDAY] segment flashing)



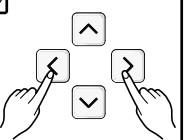
3 Press [<] [>] button to move to holiday position.



4 Press [^] [v] button to set or release a selected day as holiday or not.
(☼ the holiday is indicated with a underline)



5 If there is any holiday from Monday to Sunday, [HOLIDAY] segment on LCD will be displayed.



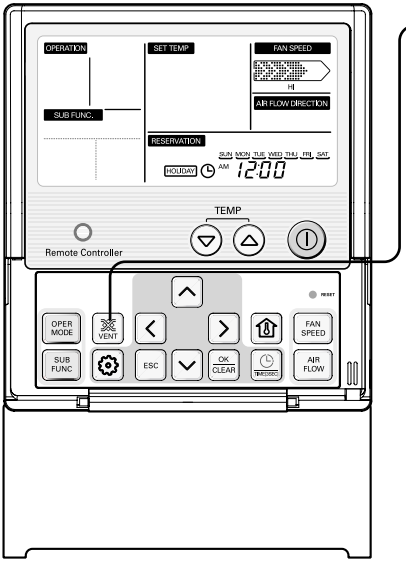
6 Press the [OK CLEAR] button to exit or if there is not any input, system will release any setting after 10 seconds.



7 It is possible to set the air conditioner OFF in every "holiday"
(ex. 9:00, 10:00, 13:00)

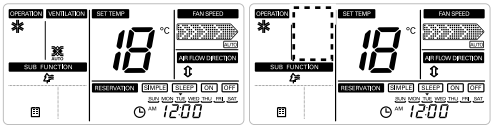
Ventilation Kit Control

If there is a linkage between ventilator and air conditioner, it is able to control this ventilator.



1 Press Ventilation button to turn ON/ OFF the ventilator.

2 In case of operating the ventilator, the 'Ventilation' icon will be displayed.



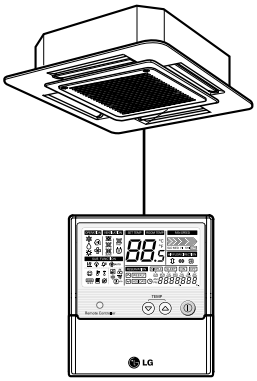
Operating ventilation Stop ventilation

3 When turn off ventilator, the 'Ventilation' icon disappears.

4 Please refer the Ventilation instruction in function setting menu in order to connect a ventilator to air conditioner.

In case of not-connected ventilator, this ventilation function can not be operated.

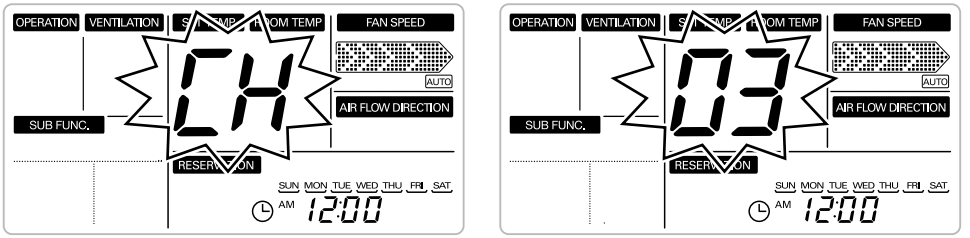
Aircon equipped Ventilation Kit



Wired Remote Controller

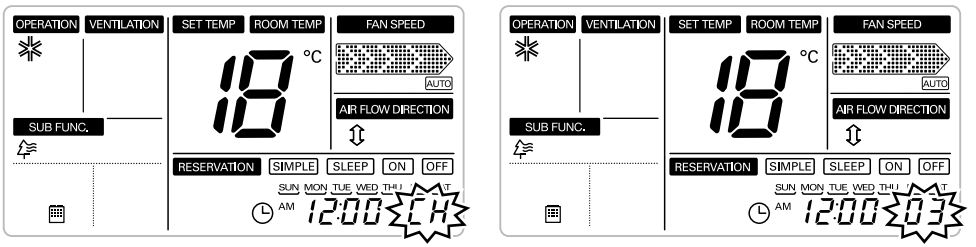
Error code display function

When the error occurred in the indoor unit, then the error code will be displayed on remote controller - "CH" and error code number is displayed at regular intervals.



Ex) In case of "CH03"

When the remote controller is used in Group Control, the error code will be displayed as shown below



- "CH" and error code number is displayed at regular intervals beside the Clock (as shown in figure).



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