

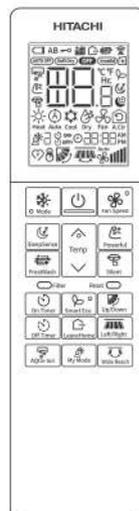
## REMOTE CONTROLLER MANUAL

**ROOM AIR CONDITIONER**  
SPLIT TYPE  
VJ SERIES

### MODELS

RAK-VJ15QHAE  
RAK-VJ18RHAE  
RAK-VJ25RHAE  
RAK-VJ35RHAE  
RAK-VJ42RHAE  
RAK-VJ50RHAE

RC-AGS1EA0E

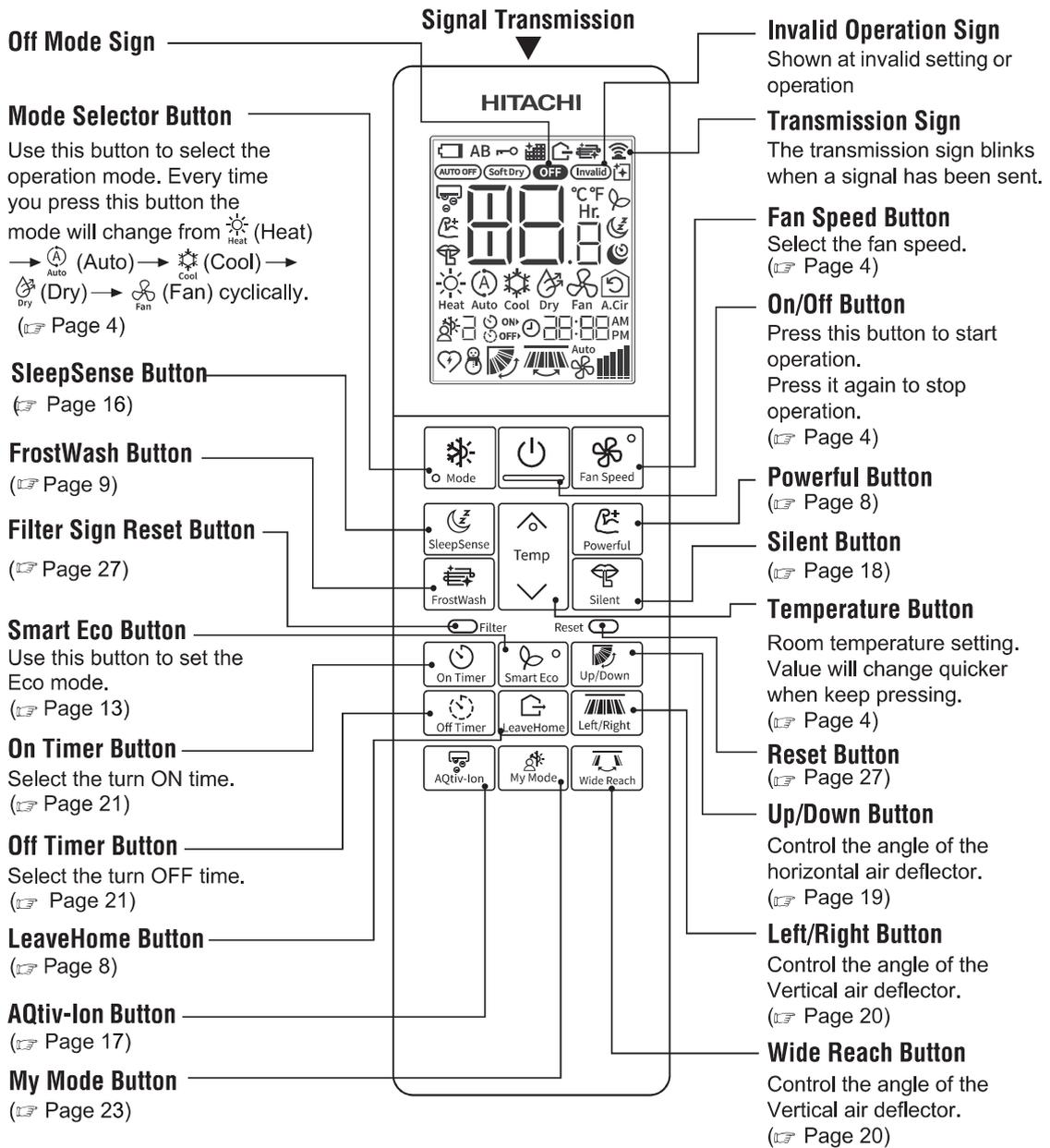


<b>EN</b> Remote Controller Manual	Page. 1~27	<b>PL</b> Instrukcja obsługi pilota zdalnego sterowania	Strona. 271~297
<b>GE</b> Anleitung für Fernbedienung	Seite.28~54	<b>RO</b> Manual pentru telecomandă	Pagina. 298~324
<b>FR</b> Manuel de la télécommande	Page. 55~81	<b>HU</b> A távirányító használati útmutatója	351/325. oldal
<b>IT</b> Manuale del telecomando	Pagina. 82~108	<b>UA</b> Інструкція з експлуатації пульта дистанційного керування	Стор. 352~378
<b>SP</b> Manual del mando a distancia	Página. 109~135	<b>SW</b> Handbok för fjärrkontroll	Sidan. 379~405
<b>PR</b> Manual do controlo remoto	Pág. 136~162	<b>FI</b> Kaukosäätimen ohjekirja	Sivut. 406~432
<b>GR</b> Εγχειρίδιο τηλεχειριστηρίου	Σελίδα. 163~189	<b>BG</b> Ръководство за дистанционно управление	Страница. 433~459
<b>NL</b> Handleiding voor afstandsbediening	Pagina. 190~216	<b>BS</b> Priručnik za daljinski upravljač	Stranica. 460~486
<b>RU</b> Руководство по использованию пульта дистанционного управления	Стр.217~243	<b>LT</b> Nuotolinio valdiklio vadovas	487~513 psl.
<b>CS</b> Návod k používání dálkového ovladače	Strana. 244~270	<b>HR</b> Priručnik za daljinski upravljač	Stranica. 514~540

Cooling & Heating

# Names and Functions of Remote Controller

- This controls the operation function and timer setting of the room air conditioner. The range of control is about 7 meters. If indoor lighting is controlled electronically, the range of control may be shorter.



## Backlight function

- Backlight is to see the LCD readings in the dark.
- On Pressing any key, the LCD panel lights up for a period of approx. 10 seconds. After approx. 10 seconds the light automatically switches off.
- The function is independent of all other functions of the air conditioner.
- The backlight color is white.

## Precautions for Use

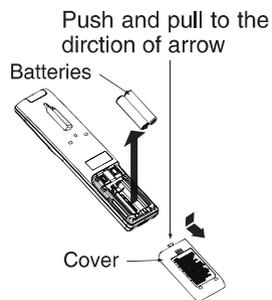
- Do not put the remote controller under direct sunlight and high temperature.
- Do not drop it on the floor, and protect it from water.
- If you press the any function button during operation, the air conditioner may stop for about 3 minutes for protection before you can start it again.

## How to Install the Batteries in the Remote Controller

1 Remove the cover as shown in the figure and take out the old batteries.



2 Install the new batteries.  
The direction of the batteries should match the marks in the case.



### CAUTION

1. Do not use new and old batteries, or different kinds of batteries together.
2. Take out the batteries when you do not use the remote controller for 2 or 3 months.

### NOTE

- Change the batteries when remote controller LCD display restarts on pressing of any key and there is no response from air conditioner.

## How to set clock

1 Press and Hold Timer ON button or Timer OFF button for 5 seconds.  
ON or OFF segment start blinking on LCD approx. 5 seconds then Clock symbol start blinking.

2 When Clock symbol is in blinking , Press Temperature Up / Down button to change/set desire time value.

3 Press Timer ON button or Timer OFF button once.  
Clock symbol stop blinking and Clock time will be display on LCD screen.

### NOTE

- When Timer ON , Timer OFF or both set then it is not possible to change/set clock time. First Timer ON , Timer OFF or both need to cancel.
- If Correct clock time is not set then Timer ON and Timer OFF will not operate correctly.
- At time of Battery replacement/ Reset , Clock time need to set. If it is not set and press any key then default 12:00 will be set.
- At time of Battery replacement / Reset , Need to follow process from step2 onwards.
- During Clock time change/set when symbol is blinking , if no key press then it will come out of Clock setting with previous set time.

## Various Functions

### Auto Restart Control

- If there is a power failure, operation will be automatically restarted when the power is resumed with previous operation mode and airflow direction.  
(As the operation is not stopped by remote controller.)
- If you intend not to continue the operation when the power is resumed, switch off the power supply. When you switch on the circuit breaker, the operation will be automatically restarted with previous operation mode and airflow direction.  
Note: 1. If you do not require Auto Restart Control, please consult your sales agent.  
2. Auto Restart Control is not available when Timer set.

## Auto Mode

The device will automatically determine the mode of operation, Heat Mode or Cool Mode depending on the current room temperature. The selected mode of operation will change when the room temperature varies. However, the mode of operation will not change when indoor unit is connected to multi type outdoor unit.

**1**

Press the Mode Selector Button so that the display indicates the  (Auto) mode of operation.

- When Auto has been selected, the device will automatically determine the mode of operation, Heat or Cool depending on the current room temperature.
- If the mode automatically selected by the unit is not satisfactory, manually change the mode setting (Heat, Dry, Cool or Fan).

**2**

Set the desired Fan Speed with the  (Fan Speed) button (the display indicates the setting).

Auto  (Auto) →  (Silent) →  (Low) →  (Super High) ←  (High) ←  (Medium) ←

**3**

Set the desired room temperature with the Temperature buttons (the display indicates the setting).  
The temperature setting and the actual room temperature may vary depending on conditions.  
Temperature range can be set between 16.0°C and 32.0°C.

**START STOP**

Press the  (On/Off) button.  
Operation starts with a beep.  
Press the button again to stop operation.

- As the settings are stored in the memory of the remote controller, you only have to press the  (On/Off) button next time.

Press the  (Fan Speed) button to select Auto, Silent, Low, Medium, High or Super High.

# Heat Mode

- Use the device for heating when the outdoor temperature is under 21°C. When it is too warm (over 21°C), the heating function may not work in order to protect the device.
- In order to keep reliability of the device, please use this device above -15°C of the outdoor temperature.

**1** Press the Mode Selector Button so that the display indicates (Heat).

**2** Set the desired Fan Speed with the (Fan Speed) button (the display indicates the setting).

Auto → (Silent) → (Low) → (Medium) → (High) → (Super High)

**3** Set the desired room temperature with the Temperature buttons (the display indicates the setting).  
The temperature setting and the actual room temperature may vary depending on conditions.  
Temperature range can be set between 16.0°C and 32.0°C.

**START STOP** Press the (On/Off) button. Heating operation starts with a beep. Press the button again to stop operation.

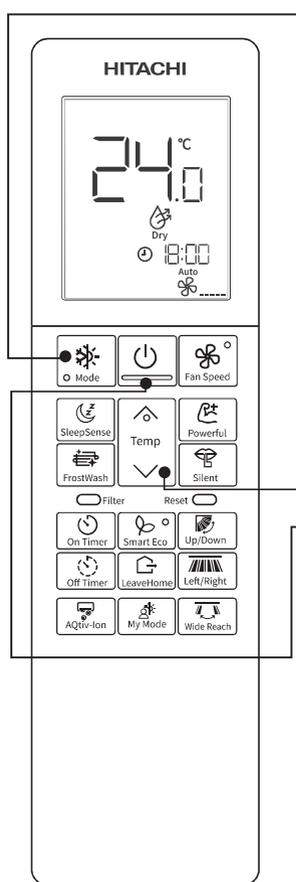
- As the settings are stored in the memory of the remote controller, you only have to press the (On/Off) button next time.
- During Auto fan, the fan speed automatically changes as below:
  - When the difference between room temperature and setting temperature is large, fan starts to run at Super High speed.
  - After room temperature reaches the preset temperature, fan speed will be changed to lower speed to obtain optimum room temperature condition for natural healthy heating.

## ■ Defrosting

Defrosting will be performed about once an hour when frost forms on the heat exchanger of the outdoor unit, for 5~10 minutes each time. During defrosting operation, the operation lamp blinks in cycle of 2 seconds on and 1 second off. The maximum time for defrosting is 20 minutes. However, if the indoor unit is connected to multi type outdoor unit, the maximum time for defrosting is 15 minutes. (If the piping length used is longer than usual, frost will likely to form.)

# Dry Mode

Use the device for dehumidifying when the room temperature is over 16°C.  
When it is under 15°C, the dehumidifying function will not work.



**1** Press the Mode Selector Button so that the display indicates  (Dry).  
The fan speed is set at Auto.  
Press  (Fan Speed) button to select Silent, Low or Auto fan speed.

**2** Set the desired room temperature with the Temperature Buttons (the display indicates the setting).  
 The range of 20.0°C to 26.0°C is recommended as the room temperature for dehumidifying.  
Temperature range can be set between 16.0°C and 32.0°C.

**START STOP** Press the  (On/Off) button. Dehumidifying operation starts with a beep. Press the button again to stop operation.

■ As the settings are stored in the memory of the remote controller, you only have to press the  (On/Off) button next time.

## ■ Dehumidifying Function

- When the room temperature is higher than the temperature setting: The device will dehumidify the room, reducing the room temperature to the preset level.  
When the room temperature is lower than the temperature setting: Dehumidifying will be performed at the temperature setting slightly lower than the current room temperature, regardless of the temperature setting.
- The preset room temperature may not be reached depending on the number of people present in the room or other room conditions.

## Cool Mode

Use the device for cooling when the outdoor temperature is -10 to 46°C.  
If humidity is very high (over 80%) indoors, some dew may form on the air outlet grille of the indoor unit.

**1** Press the Mode Selector Button so that the display indicates  (Cool).

**2** Set the desired Fan Speed with the  (Fan Speed) button (the display indicates the setting).

Auto  (Auto) →  (Silent) →  (Low) →  (Super High) ←  (High) ←  (Medium) ←

**3** Set the desired room temperature with the Temperature Buttons (the display indicates the setting).  
The temperature setting and the actual room temperature may vary depending on conditions.  
Temperature range can be set between 16.0°C and 32.0°C.

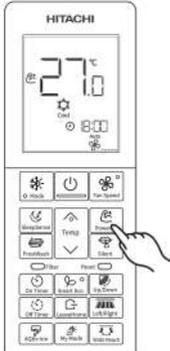
Press the  (On/Off) button. Cooling operation starts with a beep. Press the button again to stop operation. The cooling function does not start if the temperature setting is higher than the current room temperature (even though the  (Operation) lamp lights).  
The cooling function will start as soon as you set the temperature below the current room temperature.

**START STOP**

- As the settings are stored in memory in the remote controller, you only have to press the  (On/Off) button next time.
- During Auto fan, the fan speed automatically changes as below:
  - When the difference between room temperature and setting temperature is large, fan starts to run at Super High speed.
  - After room temperature reaches the preset temperature, fan speed will be changed to lower speed to obtain optimum room temperature condition for natural healthy cooling.

## Powerful Operation

- By pressing  (Powerful) button during Auto, Heat, Dry, Cool, or Fan operation, the air conditioner performs at maximum power.
- During Powerful operation, cooler or warmer air will be blown out from indoor unit for Cooling or Heating operation respectively.



START

Press the  (Powerful) button during operation.

- "" is displayed on the LCD.  
Powerful operation ends in 20 minutes. Then the system automatically operates with the previous settings used before Powerful operation.

CANCEL

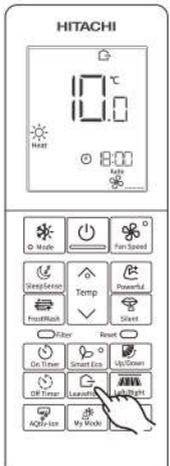
- Press the  (On/Off) button. or
- Press the  (Powerful) button again.
- "" disappears from the LCD.

### NOTE

- When SleepSense Smart Eco operation, LeaveHome Operation, Silent Mode or My mode is selected, Powerful Operation will be cancelled.
- During Powerful operation, capacity of the air conditioner will not increase
  - if the air conditioner is already running at maximum capacity.
  - just before defrost operation (when the air conditioner is running in Heating operation).

## LeaveHome Operation

- Prevent the room temperature from falling too much when no one is at home. The initial setting temperature is 10.0°C and the temperature range can be set between 10.0°C and 16.0°C.



START

① Press  (LeaveHome) button during stop or operation.

Room temperature is set at 10.0°C and heating operation starts.

② Set the desired room temperature with the Temperature buttons. Temperature range can be set between 10.0°C and 16.0°C.

- ", ", ", "Set Temperature" is displayed on the LCD.

CANCEL

Press the  (On/Off) button. or

Press the  (LeaveHome) button again.  
Change to other Operation Mode.

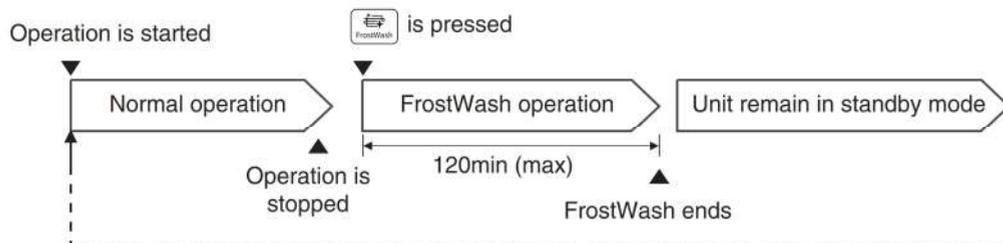
### NOTE

- During Leave Home operation, fan speed and horizontal and vertical air deflector position cannot be changed.
- Timer function will be cancel if LeaveHome key press.
- Powerful, SleepSense, Smart Eco, Timer Function, Silent, My Mode operations are disable.
- For multi connections
  - Fan/Cool/Dry and LeaveHome cannot operate at the same time.  
The first-run unit has a priority and other units in different mode will be in standby mode.
  - Heating operation can be used with LeaveHome.
  - When two or more rooms are set to operate LeaveHome, the temperature set by LeaveHome may not be reached. It also depends on outdoor temperature.

## FrostWash Operation

- The dust and dirt adhering to indoor heat exchanger which is the cause of the smell. They are washed away by freezing and thawing of the heat exchanger.
- FrostWash function can work when the outdoor temperature is 1°C to 43°C and Indoor humidity is 30% to 70%.

### The process of FrostWash

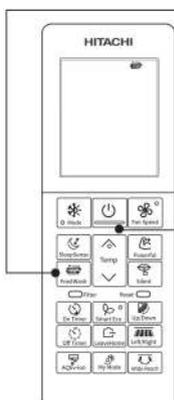


- "  " lamp on the indoor unit lights up during FrostWash operation.
- When pressing "On/Off" button during FrostWash operation, FrostWash will stop.
- In order to protect the product, FrostWash function cannot be carried out again for about 60 minutes after FrostWash operation is completed.

### ■ FrostWash(Manual Mode)

When the unit is off, press  (FrostWash) button, manual FrostWash will start.

#### ■ How to start and cancel FrostWash (Manual mode).



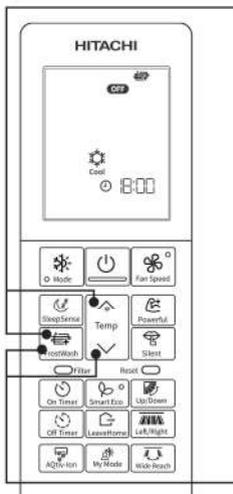
- 1 Press the FrostWash button  , FrostWash  display on LCD screen. FrostWash operation start with beep sound and "  " lamp light up on the indoor unit.

  - After one hour, "  " disappears from the LCD. After about two hours, the indoor unit will stop FrostWash operation.
  - In order to protect the product, FrostWash function cannot be carried out again for about 60 minutes after the FrostWash operation is completed.
- 2 Press the  (On/Off) button, the operation will stop. "  " lamp on the indoor unit turns off.

### Precautions for Use

- Do not open windows or doors during FrostWash operation. Water will condense on the air deflector and drips down occasionally. This will wet your furniture.
- Do not open or remove the front panel during FrostWash operation. It may cause injury or malfunction.
- FrostWash operation does not wash away all dust and dirt.
- Hissing, fizzy or squeaking noise may generate during FrostWash operation.
- If the air conditioner is continuously running, FrostWash function is not effective.
- During FrostWash operation, if power is turned off and then power is restored, FrostWash function will not restart.
- After turning on the power, please wait a moment if you want to start FrostWash.
- If On Timer or Off Timer is set, there is a need to cancel those timer before operating FrostWash.
- If My Mode is selected then FrostWash operation will not work.
- For multi connections,
  1. Only one indoor unit is allowed to be started FrostWash operation.
  2. The indoor unit that started FrostWash first has priority, and FrostWash is executed.
  3. The air conditioning operation takes precedence over indoor FrostWash.

# FrostWash(Auto Mode) (For single model connection)



## ■ How to enable FrostWash ( Auto )

1

- Press Temperature Up button and FrostWash button for 3 seconds together while remote control in OFF mode with directing remote control towards Indoor unit.
- is displayed on the LCD indicating Auto FrostWash enable.
- If FrostWash function is not being used for a long period, it may not be possible to completely remove the dust and dirt adhering to indoor heat exchanger. This will cause odour. Hence, kindly operate FrostWash frequently by using the remote controller.

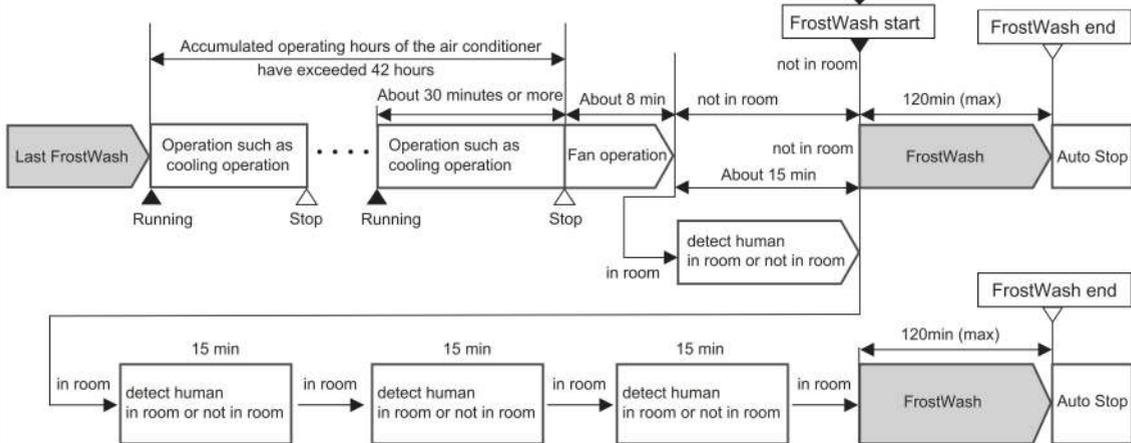
## ■ How to disable FrostWash (Auto)

2

- Press Temperature Down button and FrostWash button for 3 seconds together while remote control in OFF mode with directing remote control towards Indoor unit.
- disappear on the LCD indicating Auto FrostWash disable.
- The screen on remote controller.
  - When FrostWash (Auto) is enabled, "" is displayed on the LCD.
  - When FrostWash (Auto) is disable, "" is disappeared on the LCD.

## FrostWash auto start conditions

Accumulated operating hours of the air conditioner have exceeded 42 hours  
 Air conditioner is operated for more than 30 minutes and stops, such as cooling operation  
 Human sensor detects somebody is in room for 15 minutes and over 4 times; or not in room for 15 minutes

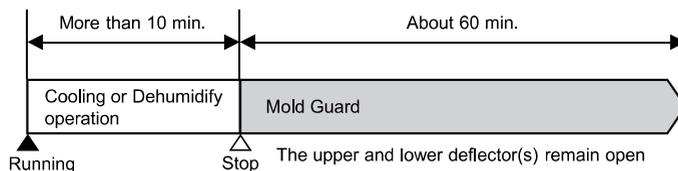


- When the outdoor temperature or indoor humidity are not suitable for FrostWash operation, only fan operation is carried out, FrostWash operation will be done again when room air conditioner is in standby mode.
- Sometimes the heat exchanger may not freeze depending on the conditions of the room.
- When the ON timer reaches the set time during FrostWash operation, it will stop the FrostWash operation and start the operation of setting mode.
- If the interval of the OFF to ON timer is less than 2 Hours , FrostWash operation may not be complete. In that case, it will restart FrostWash operation when room air conditioner is in standby mode.
- To return to normal FrostWash (Auto mode) interval (42 hours), please stop operation of air conditioner and operate FrostWash (Auto mode) or FrostWash (Manual mode).
- When FrostWash operation has not been operated in last 84 hours , FrostWash kicks in automatically after halting the operation even if a human sensor detects a person in the room.
- When FrostWash is stopped during FrostWash operation, the unit automatically restart FrostWash operation at the next operation stop.

## Mold guard function (fan only)(For multi model connection)

- After the cooling operation is stopped, the fan of the indoor unit is dried by fan mode to suppress the generation of mold inside the indoor unit.
  - Mold Guard Operation period is about 60 minutes.
  - It can't remove mold or sterilize.

### The Process of Mold Guard



- “” Lamp on the indoor unit lights up during Mold Guard operation.
- If the air conditioner is operated in cooling or drying mode, for more than 10 minutes and then put into off mode, the Mold Guard operation will
- Room temperature or humidity may rise.

### ■ How to set and cancel Mold Guard

#### For setting

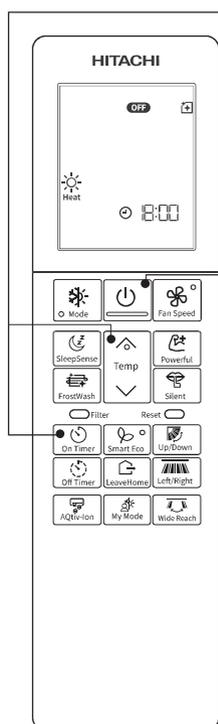
- Press the room temperature Up button  and On Timer  button for 3 seconds together while remote controller in OFF mode with directing remote control towards indoor unit. “” is displayed on the LCD.

#### For cancelling

- Press the room temperature Up button  and On Timer  button for 3 seconds together while remote controller in OFF mode with directing remote control towards indoor unit.
- “” is disappear on the LCD.
- Once Mold Guard function set, Mold Guard icon will always display on the LCD. And it stored in the memory of remote controller and remain set even after reset or battery replacement case. It is one time setting procedure to use this function.

### ■ How to stop at middle point of Mold Guard operation

- Press the  button (On/Off) twice, the operation will stop.
- “” Lamp on the indoor unit turns off. But setting for Mold Guard will not cancel, it will stop operation only.



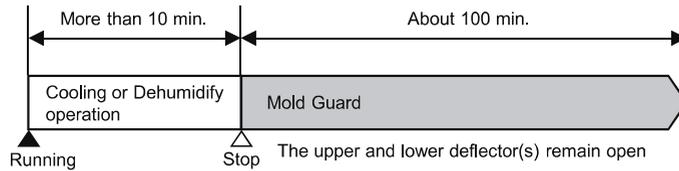
### NOTE

- If unit operation is stopped after heating operation, Mold Guard will not operate.
- If operation of Unit is stopped by Off Timer, the Mold Guard will not operate.
- If On Timer is set and on time is within about 2 hours, the Mold Guard will not operate.
- Room temperature or humidity may rise during Mold Guard operation.
- When there would be the window near indoor unit, the water might condense on the window during Mold Guard. If necessary, to cancel Mold Guard.

## Mold guard function (with heat)

- After the cooling operation is stopped, the fan of the indoor unit is dried by heating or fan mode to suppress the generation of mold inside the indoor unit.
  - Mold Guard Operation period is about 100 minutes.
  - It can't remove mold or sterilize.

### The Process of Mold Guard



- “” Lamp on the indoor unit lights up during Mold Guard operation.
- If the air conditioner is operated in cooling or drying mode, including in auto mode, for more than 10 minutes and then put into off mode, the mold guard operation will start.
- If unit operation is stopped after heating operation, Mold Guard will not operate.
- Room temperature or humidity may rise.

### ■ How to set and cancel Mold Guard

#### For setting

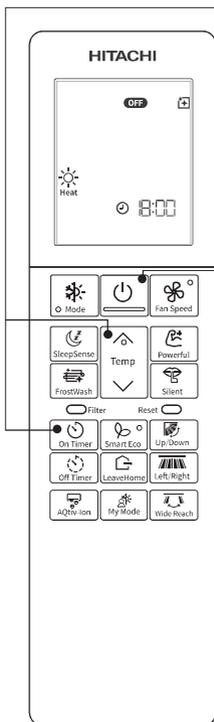
- Press the room temperature Up button  and Timer on  button for 3 seconds together while remote controller in OFF mode with directing remote control towards indoor unit. “” is displayed on the LCD.

#### For cancelling

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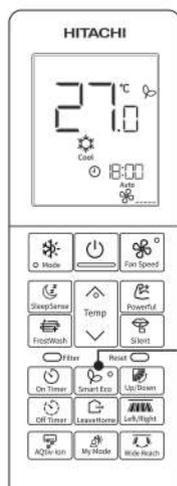


### NOTE

- If unit operation is stopped after heating operation, Mold Guard will not operate.
- If operation of Unit is stop by Off Timer, the Mold Guard will not operate.
- If On Timer is set and on time is within about 2 hours, the Mold Guard will not operate.
- Depending on situation, Mold Guard will operate with Fan Mode.
- Room temperature or humidity may rise.
- When there would be the window near indoor unit, the water might condense on the window during Mold Guard. If necessary, to cancel Mold Guard.

## Smart Eco operation

- The sensor detects the presence of people in the room. When nobody is detected, the unit automatically starts energy saving operation by shifting the set temperature in two steps.
- Smart Eco button is scrolling button, First Press of button, it will start Eco operation, on second Press of button it will start Eco with Auto-Off operation and on Third press of button, it will cancel Eco and Eco with Auto-Off function.

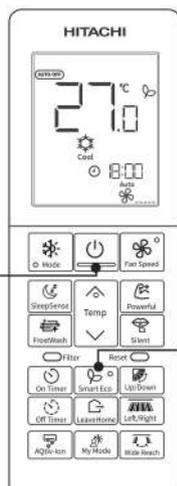


Key Press	1	→ 2 →	3
Function Selected	Eco	Eco+Auto-Off	Cancel

### To Start Smart Eco operation

- Press the Smart Eco button  during Heat, Auto, Cool or Dry operation, the Air conditioner performs the "Eco" operation.  is display on LCD screen.
- A beep sound is emitted from Indoor Unit. The sensor starts to detect the presence of people in the room. Energy saving operation will start by changing the set temperature higher or lower automatically and reducing operation power consumption.

1



### To Start Eco operation and Auto-Off operation

- Press the Smart Eco button  again, it will start Auto-Off operation along with Eco operation. Sensor detect activity / movement level in room and turn off the unit automatically, thus achieving the purpose of energy saving during day time.  and  will be appear on LCD.
- A beep sound is emitted from indoor unit.

2

### To Cancel Eco operation and Auto-Off operation

- Press the  start/stop button OR
- Press the Smart Eco button  again.

3

### NOTE

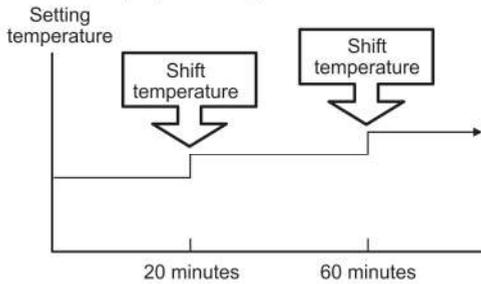
In case the power consumption is already low, Smart Eco operation will not reduce the power consumption.

- By pressing (POWERFUL) button, Eco or Eco with Auto-Off operation is cancelled.
- After auto restart, Eco or Eco with Auto-Off operation is cancelled and previous operation mode shall start.
- By Pressing Mode button, Leave Home button, SleepSense button, My mode button, Eco or Eco with Auto-Off operation is cancelled.

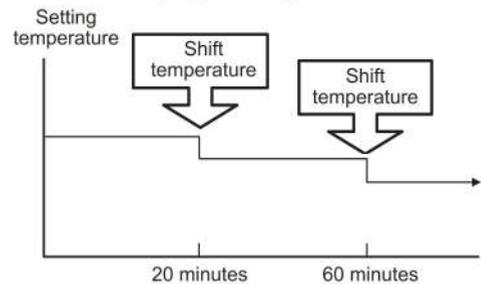
## Smart Eco Logic

When the presence of people is not detected for 20 minutes, the set temperature is automatically shifted for energy saving. If nobody is in the room for 60 minutes, the set temperature is shifted further.

Cooling operation [diagram representation for illustrative purpose only]



Heating operation [diagram representation for illustrative purpose only]



The unit returns to normal operation when the sensor detects human movement.

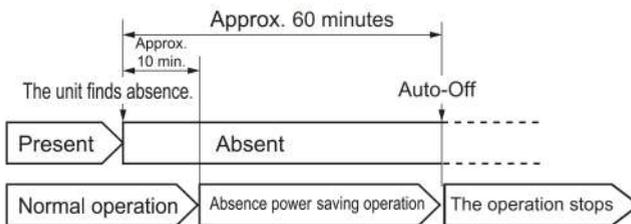
The set temperature is adjusted automatically, but the temperature display on the remote controller does not change.

### NOTE

The sensor detects changes to the infrared generated by human bodies. Therefore the accuracy of sensor may be affected in the following cases:

- The activity level is very low ( reading , watching TV, etc.) or human bodies are blocked by a screen , cabinet or glass board.
- The Indoor temperature is very high and exceeds or approaches the human body temperature ( When refrigeration just begins)
- Person wears thick clothes and turns his/her back to the air conditioner.
- Curtains or plant leaves swing due to pet movement or airflow.

### Smart Eco with Auto-Off Logic



The motion before Auto-Off ( Operation stop)

- If the Unit cannot find any person during Eco with Auto-Off operation for 60 minutes , the operation stops automatically.
- The operation does not restart if person comes back to the room after stopping the operation. User need to restart operation by remote controller.
- During OFF Timer operation , Priority is given to OFF timer operation.

### NOTE

- If there are infants or a person who is on bed due to sickness , it is recommended not to set "Auto-Off" Unit may judge that nobody is in the room and stop the operation of the Unit.
- In following cases , the operation may stop automatically
  - If there is a person in the place where human sensor cannot detect it presence.
  - If there is a sleeping person to little child only.
  - If there is pet only.

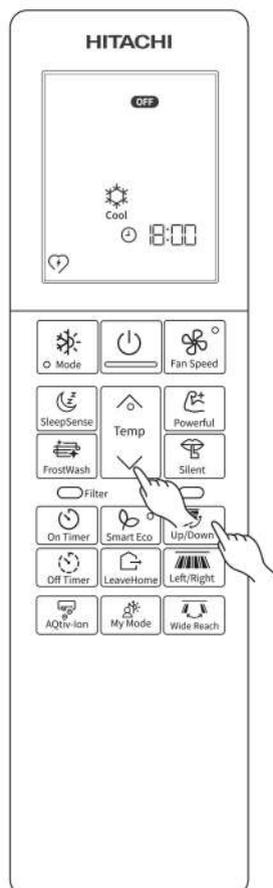
In these cases it is recommended to cancel Auto-Off function.

## Power Safe (Max Current Switching )

- This function limit the maximum current during the operation of Air conditioner so it will help to avoid breaker trips if maximum current reaches to breaker limit. it limits the electrical current during operation.

When Power Safe set , Maximum current limit for model changes as below.

Type	Model	Maximum current with Power Safe setting
Single	1.8~3.5kW	6A
	4.2~5.0kW	8A
Multi	10kW	11.5A(for Operation of 1 indoor unit)
		14.0A(for Operation of 2 indoor units)
		16.5A(for Operation of 3 indoor units)
		16.5A(for Operation of 4 indoor units)
		16.5A(for Operation of 5 indoor units)



### How to set Power Safe mode (Power Safe)

**START**

- Place the indoor unit in the standby mode ( OFF mode on the display of remote controller)
- Press temperature down button  and Up/Down swing button  about 3 seconds together with directing remote control toward indoor unit.
-  symbol will be visible on LCD screen and indoor unit will accept by buzzer sound.

### How to cancel Power Safe mode

**CANCEL**

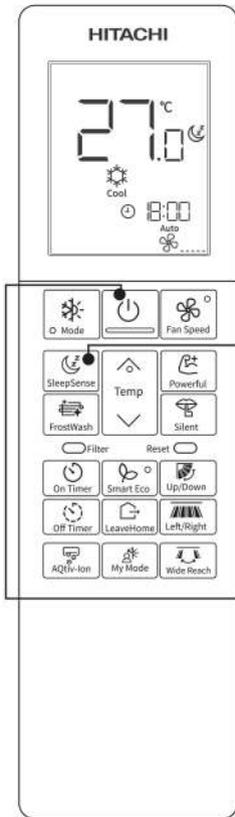
- Place the indoor unit in the standby mode ( OFF mode on the display of remote controller)
- Press temperature down button  and Up/Down swing button  about 3 seconds together.
-  symbol will be disappear on LCD screen and indoor unit will accept by buzzer sound.

### NOTE

- Once Power Safe mode set ,it stored In the memory of remote controller and remain set even after remote controller reset or battery replacement case.
- Power Safe mode symbol will be visible in all mode if it set. It is one time setting procedure to use this function.
- This function will limits the maximum current drawn by air conditioner by reducing the speed of the compressor, you may feel less cooling or heating performance compare to normal mode. If you feel so please cancel Power Safe mode if Power Safe mode is set .
- At heating operation or Cooling operation during Power Safe setting maximum capacity will decrease.
- During Power Safe setting mode , it is recommended to use Auto Fan speed.

# SleepSense Operation

- With motion sensor, the room air conditioner detects movements, its location and temperature around people to control set temperature and control fan speed to provide comfortable and energy saving operation as well as to achieve comfortable sleep environment.



## To Start SleepSense operation

- Press the SleepSense button  during Cool and Heat operation , the Air conditioner performs the "SleepSense" operation.  is display on LCD screen. A beep sound is emitted from Indoor Unit. Energy saving operation will start by changing the set temperature higher or lower automatically and reducing operation power consumption.

## To Cancel SleepSense operation

- Press the  start/stop button. Or
- Press the SleepSense button  again. Or Mode  button.  will be disappear on LCD. A beep sound is emitted from indoor unit.

### NOTE

The sensor detects changes to the infrared generated by human bodies. Therefore the accuracy of sensor may be affected in the following cases:

- The activity level is very low ( reading , watching TV, etc.) or human bodies are blocked by a screen , cabinet or glass board.
- The Indoor temperature is very high and exceeds or approaches the human body temperature ( When refrigeration just begins)
- Person wears thick clothes and turns his/her back to the air conditioner.
- Curtains or plant leaves swing due to pet movement or airflow.

### NOTE

- By pressing (Powerful mode) button, SleepSense operation is cancelled.
- After auto restart, SleepSense operation is cancelled and previous operation mode shall start.
- By Pressing Leave Home button, Smart ECO button/ECO button , My Mode button , SleepSense operation is cancelled.

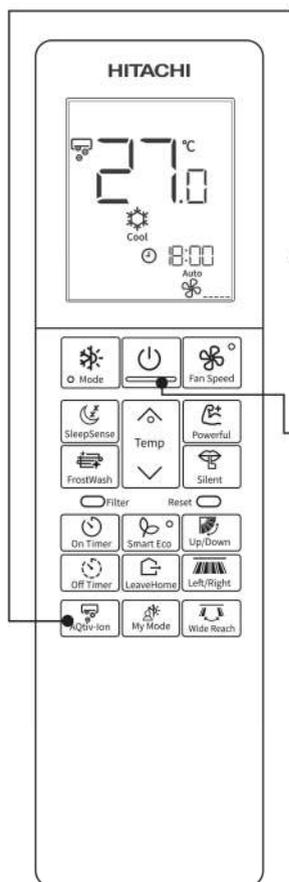
## SleepSense Operation

### LOGIC ( SleepSense)

- At first, unit will operate cooling mode for 60 minutes at setting condition.
- With the motion sensor, the room air conditioner can monitor human movement. If no human movement is detected, then the temperature will increase by 1°C( in case of cooling operation ) automatically and The fan speed will be changed to silent fan speed.  
Unit continues running for another 1 hour.
- If the condition of activity in the room is stable then the unit will continue running with the temperature increased by another 1°C( in case of cooling ) respectively.
- During the SleepSense operation , if Big activity /movement is detected, the temperature and Fan speed will resume back to previous setting.
- During the SleepSense operation , if small activity /movement is detected, the temperature will decreased by 1°C.

## AQtiv-Ion

By pressing  (AQtiv-Ion) button during Heat, Auto, Cool, Dry, Fan operation, the AQtiv-Ion operation start.



1

### To Start AQtiv-Ion operation

Press the AQtiv-Ion button  .  is display on LCD screen.

2

### To Cancel AQtiv-Ion operation

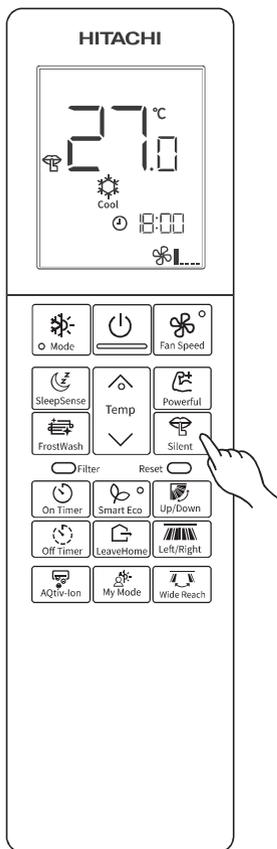
Press the  start/stop button.

Press the AQtiv-Ion button  again.

 will be disappear on LCD.

## Silent Mode

By pressing the  (Silent) button during Auto, Heat, Dry, Cool or Fan operation, the fan speed changes to the silent fan speed ..... .



### START

- When  (Silent) button is pressed,
- “” is displayed on the LCD.
- Fan speed changes to silent ..... .

### CANCEL

- Press the  (On/Off) button, or
- Press the  (Silent) button once again or
- Press the  (Fan Speed) button.

Fan speed will return to the previous speed before Silent operation starts.

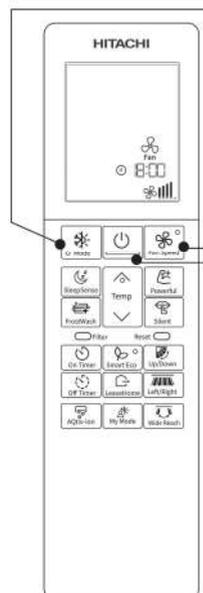
When Silent operation stops, “” will disappear from the LCD.

### NOTE

- When Powerful operation is selected, Silent operation will be cancelled. Fan speed will return to the previous speed before Silent operation.
- After unit auto restart, Silent operation is cancelled. Fan speed will return to the previous speed before Silent operation.
- During any operations with silent fan speed , if user presses the  (Silent) button, the fan speed does not change.
- By Pressing Mode button or LeaveHome button or My Mode button , Silent operation is cancelled.

## Fan Mode

User can use the device simply as an air circulator.



**1** Press the Mode selector button so that the display indicates  (Fan).

**2** Press the  (Fan Speed) button.

→  (Silent) →  (Low) →  (Medium)

 (Super High) ←  (High) ←

**START STOP** Press the  (On/Off) button. Fan operation starts with a beep.  
Press the button again to stop operation.

## Adjusting the Airflow Direction(upward and downward)

**1** Adjust the airflow upward and downward.  
According to operation, the horizontal air deflector is automatically set to the proper angle suitable for each operation. The deflector can be swung up and down and also set to the desired angle using the “ (Up/Down)” button.

Press the “ (Up/Down)” button. The deflector will start to swing up and down.

“” is display on LCD screen.

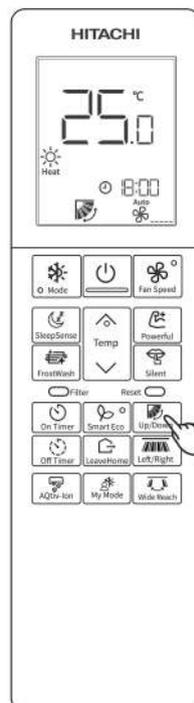
Press the “ (Up/Down)” button again. The deflector(s) will stop in the current position.

“” is disappear on LCD screen.

- If the “ (Up/Down)” button is pressed once, the horizontal air deflector swings up and down. If the button is pressed again, the deflector stops in its current position. Several seconds (about 6 seconds) may be required before the deflector starts to move.
- When the operation is stopped, the horizontal air deflector moves and stops at the position where the air outlet closes.

### CAUTION

- Don't operate the deflector by hands. It might cause of the failure.
- In “Cooling” operation, do not keep the horizontal air deflector swinging for a long time. Some dew may form on the horizontal air deflector and some dew may drop from it.



## Adjust the Airflow Direction(leftward and rightward)

### 1 Adjusting the airflow leftward and rightward parallelly.

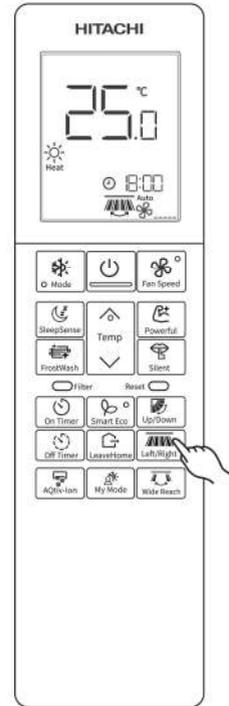
Adjustment of airflow in Left and Right direction.

- Press the Left/Right button . The deflector(s) will start to swing Left and Right side parallelly.  is display on LCD screen.
- Press the Left/Right button  again. The deflector(s) will stop at the current position.  Is disappear on LCD screen.

- If the “  ” button is pressed once, the Vertical air deflector swings Left and Right.If the button is pressed again, the deflector stops in its current position. Several seconds (about 6 seconds) may be required before the deflector starts to move.
- When the operation is stopped, the vertical air deflector moves and stops at the center position.

#### CAUTION

- Don't operate the deflector by hands. It might cause of the failure.
- In "cooling" operation don't keep the vertical air deflector at leftmost or rightmost position or swinging for a long time. Dew formation may happen on vertical deflector and some water drops may fall from it.



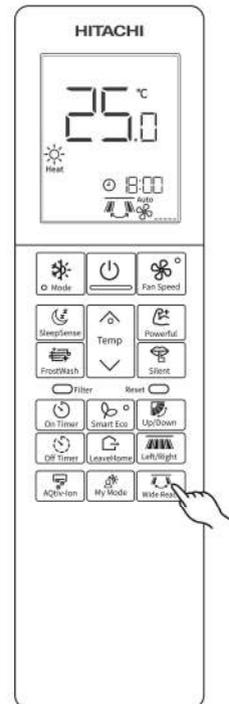
### 2 Adjust the airflow leftward and rightward asymmetrically.

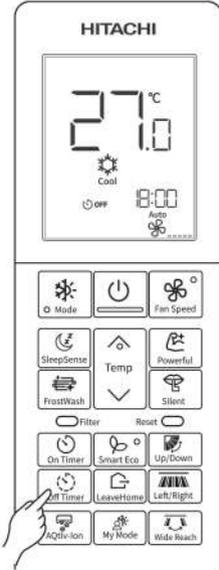
- Press the Wide Reach button . The deflector(s) will start to swing Left and Right side symmetrically.  Is display on LCD screen.
- Press the Wide Reach button  again. The deflector(s) will stop at the current position.  Is disappear on LCD screen.

- If the “  ” button is pressed once, the Vertical air deflector swings Left and Right symmetrically. If the button is pressed again, the deflector stops in its current position. Several seconds (about 6 seconds) may be required before the deflector starts to move asymmetrically.
- When the operation is stopped, the vertical air deflector moves and stops at the center position.

#### CAUTION

- Don't operate the deflector by hands. It might cause of the failure.
- In "cooling" operation don't keep the vertical air deflector at leftmost or rightmost position or swinging for a long time. Dew formation may happen on vertical deflector and some water drops may fall from it.



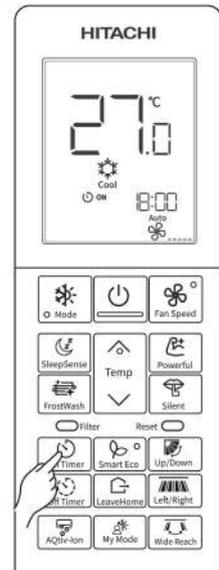


## 1. Off Timer Setting

The device can be set to turn off at a preset time.

1

- Press  ( Timer OFF ) Button to select OFF timer.
-  Symbol start blinking and 12:00 or Previously set time will be display on LCD screen.
- Set up desire Turn off time by pressing Temperature Up /Down button  .
- After setting , point the remote controller towards the indoor unit and Press  button.  
 Symbol stop blinking and turn off time will be display on LCD screen.  
A beep sound emitted from Indoor unit and Timer LED on the indoor unit lights up.  
Remote controller will go to OFF mode after turn off time elapse.
- By pressing On Timer and Off Timer Button together for 3 seconds, Off Timer can be canceled.



## 2. On Timer Setting

Indoor unit can be set to turn on at a preset time.

2

- Press  ( Timer ON ) Button to select ON timer.
-  Symbol start blinking and 12:00 or Previously set time will be display on LCD screen.
- Set up desire Turn on time by pressing Temperature Up / Down button  .
- After setting , point the remote controller towards the indoor unit and Press  button.  
 Symbol stop blinking and turn on time will be display on LCD screen.  
A beep sound emitted from Indoor unit and Timer LED on the indoor unit lights up.  
Remote controller will go to ON mode after ON timer elapse.
- By pressing On Timer and Off Timer Button together for 3 seconds, On Timer can be canceled.

### NOTE

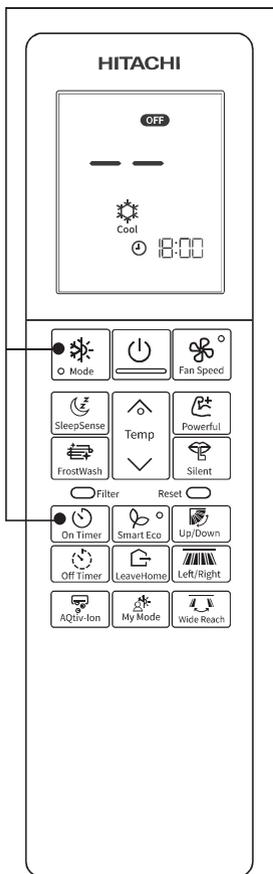
- During the Timer Setting, if you do not press the Temperature Up/Down key within 10 seconds then it will come out of the Timer Setting without any changes in Timer Settings and will display with  OFF or  ON Icon will be stable appear on LCD to indicate Timer Setting if set previously.
- During Timer setting mode, if you press any key then it will come out immediately from timer setting.
- Timer ON and Timer OFF can be set simultaneously.
- When both timer set simultaneously then  on LCD appear with Timer which will going to execute/expire first.
- During Timer ON or Timer OFF set then Clock setting can not be changed. Clock time will not be display on LCD screen.
- Clock time can be seen on LCD screen by Press and Hold Timer ON or Timer OFF key for 5 seconds. Clock time display for 10 seconds then it will change to Timer ON or Timer OFF time value.

# Initialization of the Built-in airCloud Go Module

- You can reset the internal settings (restore the factory settings) by remote controller.

## ■ How to restore factory setting

Please make this setting with the remote control in off mode.



- Press  button (Mode) and  button (On Timer) 3 seconds together.
- LCD will display “ — — ” on Temperature segment for 3 seconds then it will display normal screen.
- Make sure “  ” Lamp on the indoor unit flash 4 times repeatedly for about 20 seconds.
- Restart the unit & check “  ” Lamp blinks 3 times. This ensures that unit enters into pairing mode & restoring factory setting is succeeded.

### NOTE

- Please note that the configuration will be cleared and pairing procedure will be required to do again to use the built-in airCloud Home module.
- Please refer separate operation manual available for more information related Built-in airCloud Home Module.

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# My Mode(Programming)

- Use this mode for personalized comfortable settings. The My Mode can be set by using the remote controller.
- Up to 3 programs can be set.

## Programming of My Mode

### Default Setting of My Mode

My Mode	Mode	Temperature	Fan Speed	ON Timer / OFF Timer	Silent
My Mode1	COOL	25.0 C	Auto	No setting	No setting
My Mode2	COOL	25.0 C	Auto	No setting	No setting
My Mode3	COOL	25.0 C	Auto	No setting	No setting

### Enter to My Mode programming

- Press the My Mode button continuously for 5 seconds .
  - "  "blinks on the LCD. And "1", "2" or "3" any one appear at the right of "  " .
  - The blinking of "  " will remain for 10 seconds.
  - By pressing the  (My Mode) button, "  1", "  2 " or "  3 " can be selected for programming.

### Mode Selection

- Press  (Mode) button in order to select desired Mode during "  " blinks.
  - Mode will change from  (Heat) →  (Auto) →  (Cool) →  (Dry) →  (Fan) cyclically.

### Fan Speed Selection

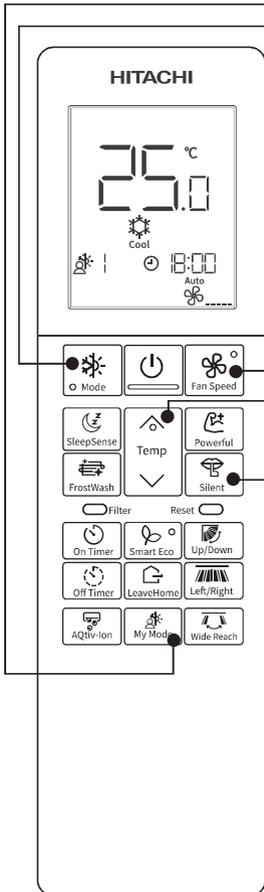
- Press  (Fan Speed) button in order to select desired Fan Speed during "  " blinks.
  - Available Fan speed only can be selected as per selected desired mode.

### Desired Room Temperature Selection

- Press  button or  button in order to select desired Room Temperature during "  " blinks.
  - Temperature range can be set between 16.0 C and 32.0 C .
  - Fan Mode can not be set desired Room Temperature.

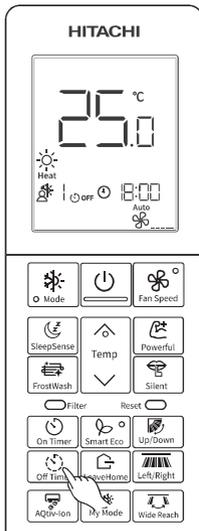
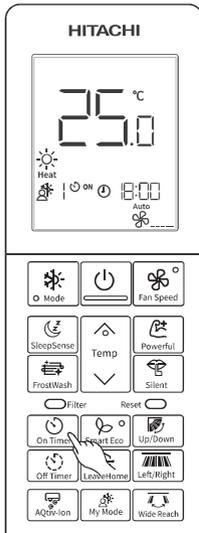
### Silent Mode Selection

- Press  (Silent) button in order to set or cancel Silent Mode during "  " blinks.



# My Mode(Programming)

## Programming of My Mode



### On Timer Setting

- Press ( Timer ON) Button to select ON timer.
- Symbol start blinking on LCD screen.
- ON Timer time will be display on clock time segment on LCD.
- Press button to set desire ON timer.
- Press button . It will set ON timer programming.
- symbol stop blinking on LCD screen.
- Remote controller will go to ON mode after ON timer elapse.
- To cancel ON timer , Press On Timer button and Off Timer button together for 3 seconds.

### Off Timer Setting

- Press ( Timer OFF) Button to select OFF timer.
- Symbol start blinking on LCD screen.
- OFF Timer time will be display on clock time segment on LCD.
- Press button to set desire OFF timer.
- Press button . It will set OFF timer programming.
- symbol stop blinking on LCD screen.
- To cancel Off timer , Press On Timer button and Off Timer button together for 3 seconds.
- Remote controller will go to OFF mode after OFF timer elapse.

### Register of My Mode Programming

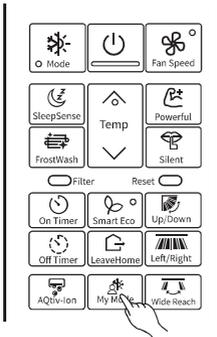
- Once all desire setting completed , press (On/Off) button during blinks.
- All selection will be saved to remote controller and room air conditioner.

### NOTE

- If operation of remote controller will not be done for 10 seconds during My Mode programming, remote controller will come out from My Mode programming without registering of My Mode Programming. Without registering of My Mode Programming, My Mode selection will remain with all previously selections and previous values.
- If My Mode button is kept pressing for 5 seconds during My Mode Programming, remote controller will come out from My Mode programming. Without registering of My Mode Programming, My Mode selection will remain with all previously selections and previous values.
- If battery is replaced or (Reset) button is pressed, My Mode Programming on remote controller will be reset to default settings. If new settings are required, do My Mode Programming again.
- When Operation Mode Lock is set, selectable mode during My Mode will be limited.

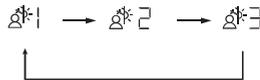
# My Mode(Start or Stop of My Mode Operation)

## Start of My Mode Operation

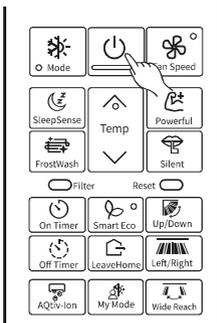


### Start of My Mode Operation

- Press  (My Mode) button at room air conditioner operation.  
Room air conditioner starts with My Mode 1 registered to remote controller.
- Press  (My Mode) button again in order to change to the operation of My mode 2, My mode 3.



## Stop of My Mode Operation



### Stop of My Mode Operation

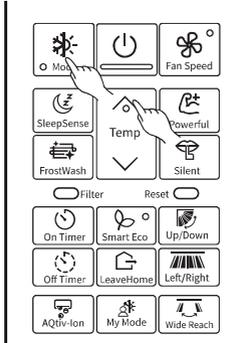
- Press  (On/Off) button in order to turn off room air conditioner.

### NOTE

- My Mode operation can be cancelled by pressing  (Mode) button or  (LeaveHome) button.
- If My Mode Operation is started without programming of My Mode yet, room air conditioner starts with default setting of My Mode.
- If On Timer or Off Timer set by My Mode has elapsed, pressing  (My Mode) button again to restart the Timer operation.
- FrostWash (Manual Mode) will not activate during My Mode.
- Up/Down swing , Left-Right swing , Wide Reach and AQtiv-Ion function can be selectable with My mode.

# Operation Mode Lock

The remote controller can be set to fix the Heat Mode (including Fan Mode), Cool Mode and Dry Mode (including Fan Mode) operations.



## Method to lock Heat Mode (including Fan Mode) operation.

Press (Mode) and buttons simultaneously for about 3 seconds when the remote controller is OFF.

“”, “” and “” will be displayed for about 10 seconds. Later, “” and “” will remain.

This indicates that Heat Mode operation is locked.

When pressing (Mode) button, “”, or “” will be displayed.

## Method to unlock Heat Mode (including Fan Mode) operation.

Press (Mode) and buttons simultaneously for about 3 seconds when the remote controller is OFF.

All operation mode symbols will appear on the display for about 10 seconds “” will disappear. After that, “” will remain.

This indicates that Heat Mode operation is unlocked.

## Method to lock Cool Mode and Dry Mode (including Fan Mode) operations.

Press (Mode) and buttons simultaneously for about 3 seconds when the remote controller is OFF.

“”, “”, “” and “” will be displayed for about 10 seconds. Later, “” and “” will remain.

This indicates that Cool Mode and Dry Mode operation is locked.

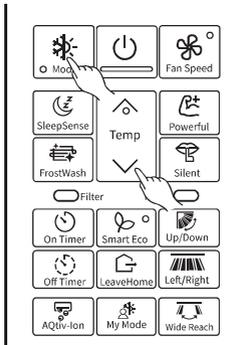
When pressing (Mode) button, “”, “”, or “” will be displayed.

## Method to unlock Cool Mode and Dry Mode (including Fan Mode) operations.

Press (Mode) and buttons simultaneously for about 3 seconds when the remote controller is OFF.

All operation mode symbols will appear on the display for about 10 seconds “” will disappear. After that “” will remain.

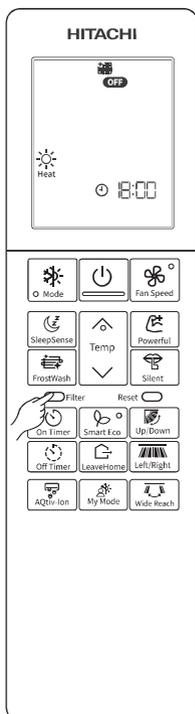
This indicates that Cool Mode and Dry Mode operation is unlocked.



### NOTE

- Operation Mode Lock function will not activate if Timer reservations or My Mode is activate. Timer reservations shall be deactivated first. Then, Operation Mode Lock function can be activated.
- Operation Mode Lock can be kept even if (Reset) button is pressed.
- Operation Mode Lock will not be set if FrostWash(Manual Mode) is in progress.
- LeaveHome button is disable during lock Cool mode and Dry Mode operation.
- For multi connections, if other units which would operate after the first unit would choose different modes with the first unit, the secondary unit will be in STANDBY.

## How to Reset Filter Sign on the indoor unit



Filter Sign on the indoor unit will show with “” lamp by blinking with 1 second on and 4 seconds off. Because cleaning of Air filter has not been done for a long time. Clean the Air filter.

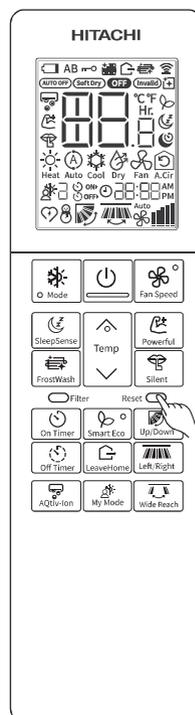
Press Filter Button at Off Mode pointing the remote controller towards the indoor unit to reset Filter Sign.

“” symbol will be visible on LCD screen for about 3 seconds and Filter Sign on the indoor unit will turn off.

**NOTE**

- Filter Button is active in OFF mode only.

## Reset Function ( For Hardware Reset)



During Battery replacement or any unlikely event, if the display does not change on Press of key or any unwanted garbage display comes, Press Reset button to reset your remote controller hardware.

In order to reset remote controller hardware , Press and release Reset button, the display will be as shown for 2 seconds then it will change to default mode screen.

**NOTE**

- Use some pointed item like pen to press the reset key.
- Once the remote controller is reset, all setting will reset except some special function activated by User