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## **REMOTE CONTROL MANUAL**

# **Console Unit**

**Models**

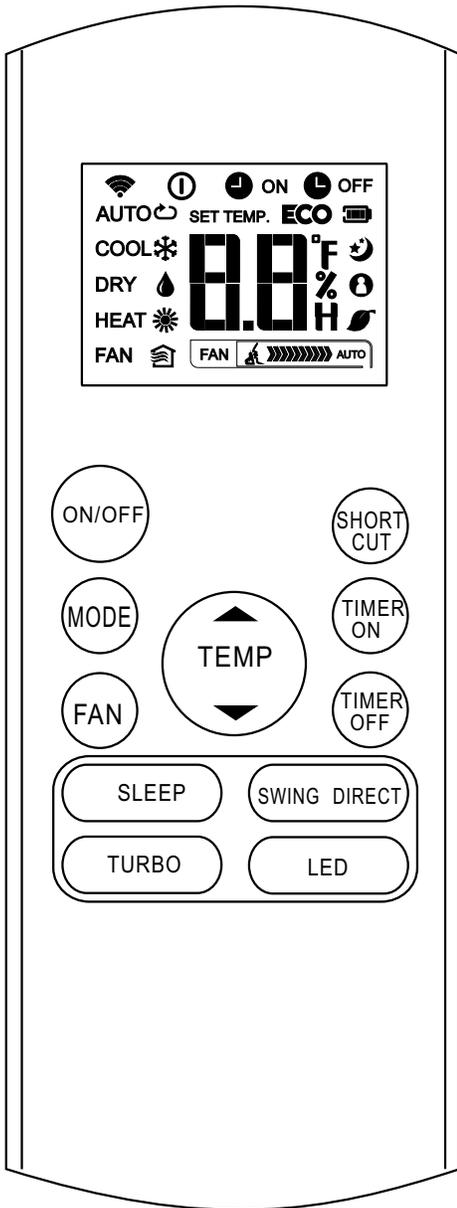
**B-VMH12FU-1**

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## Remote Control Specifications

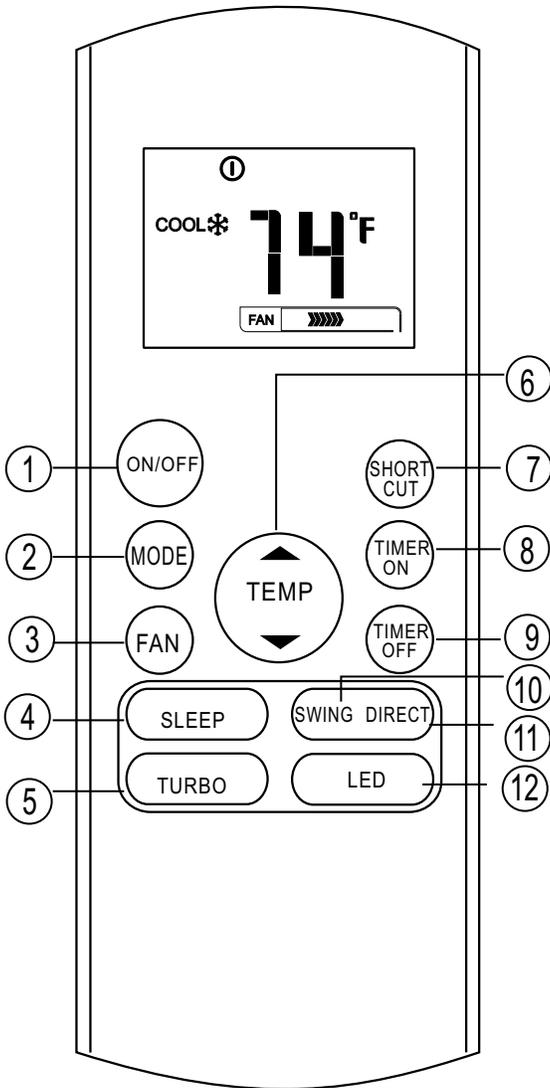
Model	RG10L2(D2HS)/BGEFU1
Rated Voltage	3.0V (Two AAA dry batteries)
Signal Receiving Range	26.25 ft/8 m
Environment	23°F~140°F



### NOTE:

- Buttons design is based on typical model and might be slightly different from the actual one you purchase, the actual shape shall prevail.
- All the functions described are accomplished by the unit. If the unit does not have this feature, there is no corresponding operation when pressing the relative button on the remote control.
- When there are wide differences between "Remote control Illustration" and "USER'S MANUAL" on function description, the description of "USER'S MANUAL" shall prevail.

## Operation of buttons

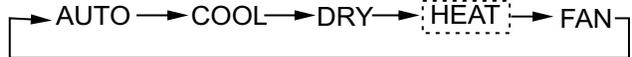


### 1 ON/OFF Button

This button turns the air conditioner ON and OFF.

### 2 MODE Button

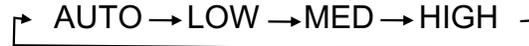
Press this button to modify the air conditioner mode in a sequence of following:



**NOTE:** Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

### 3 FAN Button

Used to select the fan speed in four steps:



**NOTE:** You cannot switch the fan speed in AUTO or DRY mode.

### 4 SLEEP Button

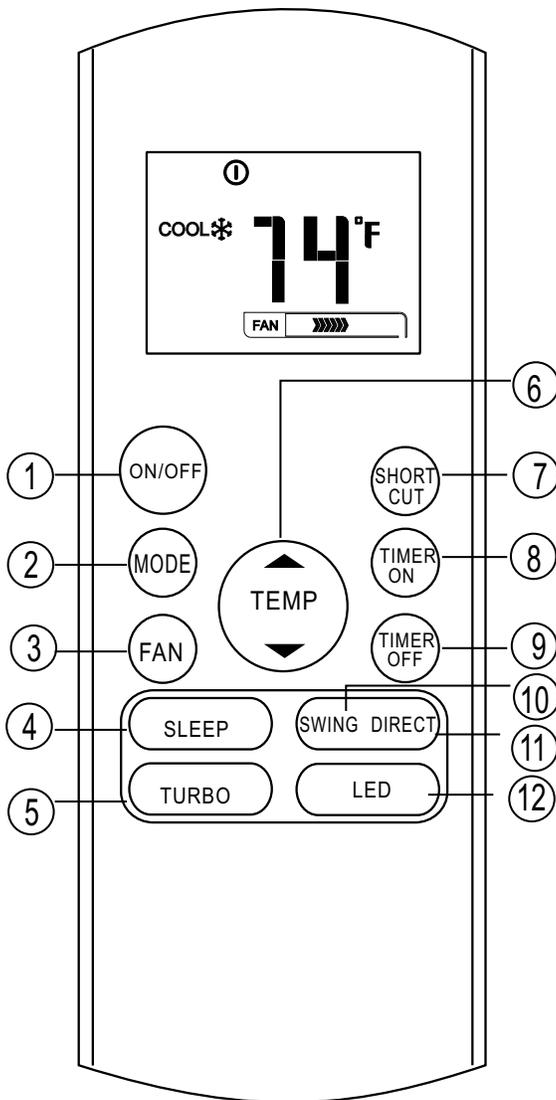
- Active/Disable sleep function. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only.
- For the detail, see "sleep operation" in "USER'S MANUAL".

**NOTE:** While the unit is running under SLEEP mode, it will be canceled if MODE, FAN SPEED, or ON/OFF button is pressed.

### 5 TURBO Button

Active/Disable Turbo function. Turbo function enables the unit to reach the preset temperature at cooling or heating operation in the shortest time (if the indoor unit does not support this function, there is no corresponding operation when pressing this button.)

## Operation of buttons



### 6 UP Button (▲)

Push this button to increase the indoor temperature setting in 1°F increments to 86°F.

### DOWN Button (▼)

Push this button to decrease the indoor temperature setting in 1°F increments to 62°F.

**NOTE:** Temperature control is not available in Fan mode.

**NOTE:** Press and hold **UP** and **DOWN** buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

### 7 SHORTCUT Button

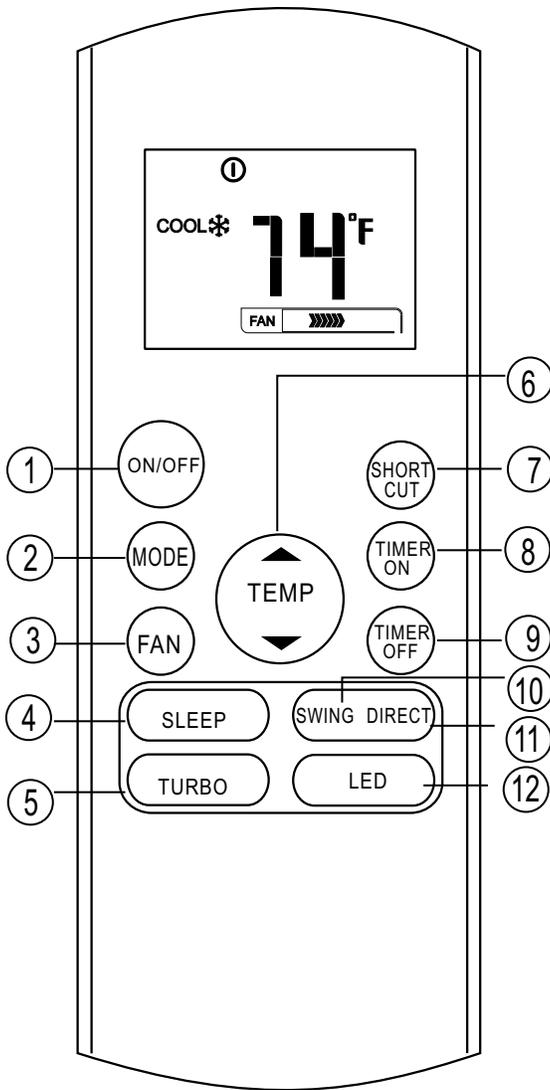
- Used to restore the current settings or resume previous settings.
- On the first time connecting to the power, push the SHORTCUT button, the unit will operate on AUTO mode, 78°F, and fan speed is Auto.
- Push this button when remote control is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).
- If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

### 8 TIMER ON Button

Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minute increments. When the setting time displays 10.0, each press will increase the auto-timed setting by 60 minute increments.

To cancel the auto-timed program, simply adjust the auto-on time to 0.0.

## Operation of buttons



### 9 TIMER OFF Button

Press this button to initiate the auto-off time sequence. Each press will increase the auto-timed setting in 30 minute increments. When the setting time displays 10.0, each press will increase the auto-timed setting by 60 minute increments. To cancel the auto-timed program, simply adjust the auto-off time to 0.0.

### 10 SWING Button

Used to stop or start horizontal louver auto swing feature.

### 11 DIRECT Button

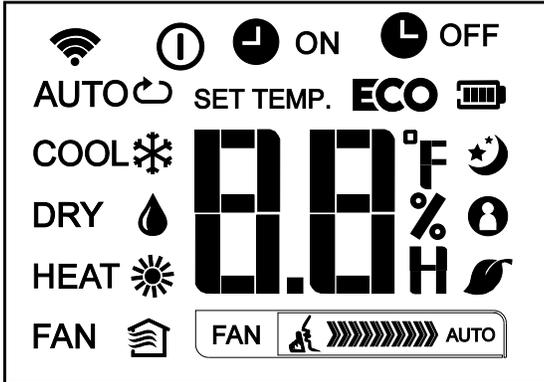
Used to change the louver movement and set the desired up/down air flow direction. The louver changes 6° in angle for each press.

### 12 LED Button

Disable/Active indoor screen Display. When pushing this button, the indoor screen display is cleared, press it again to light the display.

## Indicators on LCD

Information is displayed when the remote control is powered up.



### Mode display

AUTO COOL DRY   
HEAT FAN

- 
- Displayed when data transmitted.
  - Displayed when remote control is ON.
  - Battery display (low battery detection).
  - ECO** Not available for this unit.
- 
- ON Displayed when TIMER ON time is set.
  - OFF Displayed when TIMER OFF time is set.
  - Show set temperature or room temperature, or time under TIMER setting.

Displayed in Sleep Mode operation.

Not available for this unit.

Not available for this unit.

Not available for this unit.

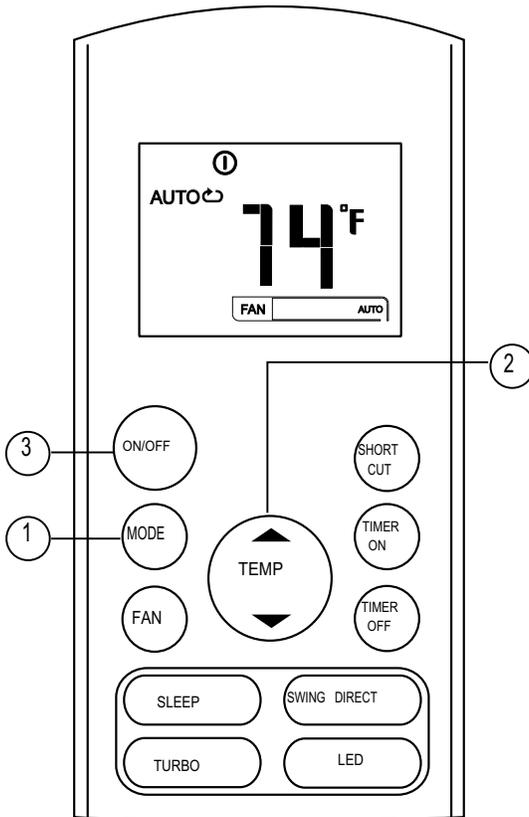
### Fan speed indication

- FAN Low speed
- FAN Medium speed
- FAN High speed
- FAN Auto fan speed

### Note:

*All indicators shown in the figure are for the purpose of clear presentation. But during the actual operation only the relative functional signs are shown on the display window.*

## How to use the buttons



### Auto operation

Ensure power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Press the **MODE** button to select Auto.
2. Press the **UP/DOWN** button to set the desired temperature. The temperature can be set within a range of 62°F~ 86°F in 1°F increments.
3. Press the **ON/OFF** button to start the air conditioner.

### **NOTE**

1. In the Auto mode, the air conditioner can logically choose the mode of Cooling, Fan, and Heating by sensing the difference between the actual ambient room temperature and the setting temperature on the remote control.
2. In the Auto mode, you can not switch the fan speed. It is automatically controlled.
3. If the Auto mode is not comfortable for you, the desired mode can be selected manually.

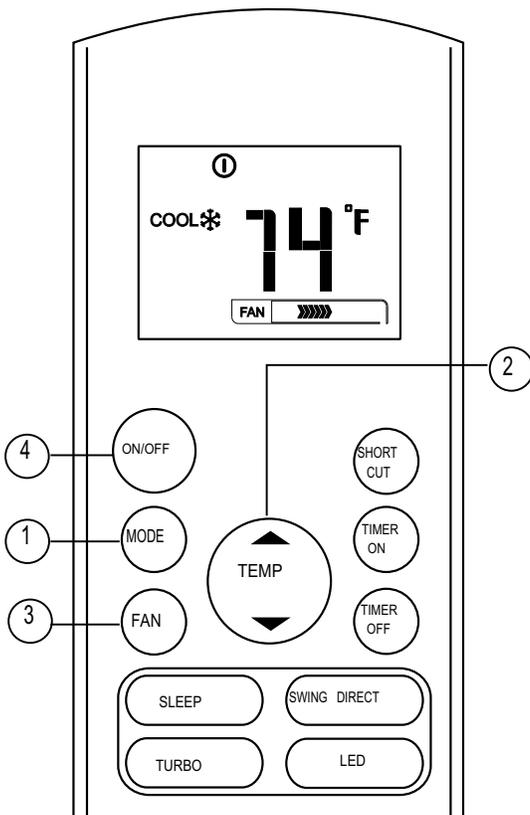
### Cooling /Heating/Fan operation

Ensure power is available.

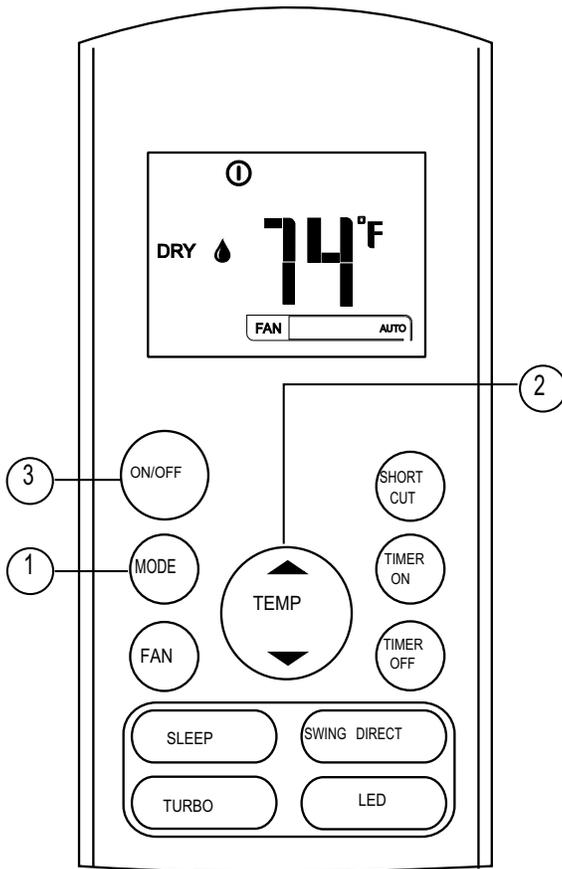
1. Press the **MODE** button to select COOL, HEAT (cooling & heating models only) or FAN mode.
2. Press the **UP/DOWN** buttons to set the desired temperature. The temperature can be set within a range of 62°F~ 86°F in 1°F increments.
3. Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.
4. Press the **ON/OFF** button to start the air conditioner.

### **NOTE**

In the FAN mode, the setting temperature is not displayed in the remote control and you are not able to control the room temperature either. In this case, only step 1, 3 and 4 may be performed.



## How to use the buttons



### Dehumidifying operation

Ensure power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

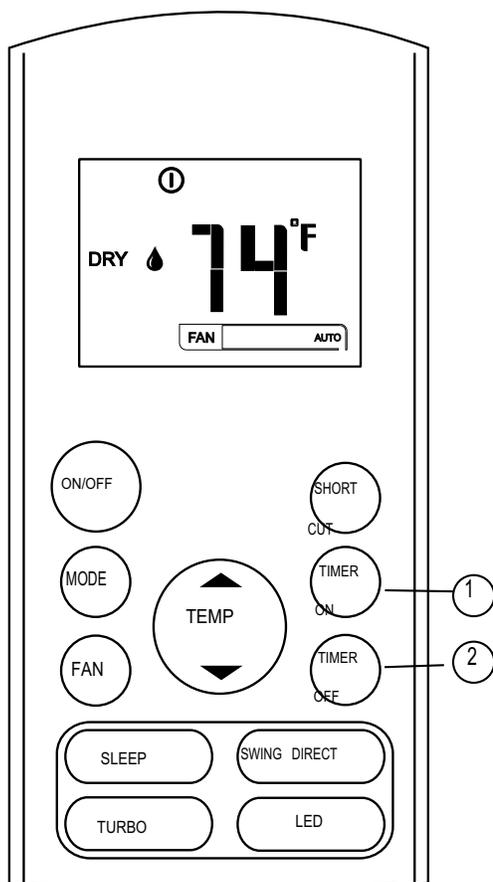
1. Press the **MODE** button to select DRY mode.
2. Press the **UP/DOWN** buttons to set the desired temperature. The temperature can be set within a range of 62°F~ 86°F in 1°F increments.
3. Press the **ON/OFF** button to start the air conditioner.

#### **NOTE**

*In the Dehumidifying mode, you can not switch the fan speed. It is automatically controlled.*

### **Timer operation**

Press the TIMER ON button to set the auto-on time of the unit.  
Press the TIMER OFF button to set the auto-off time of the unit.



#### **To set the Auto-on time.**

1. Press the TIMER ON button. The remote control shows TIMER ON, the last Auto-on setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-on time to START the operation.
2. Push the TIMER ON button again to set desired Auto-on time. Each time you press the button, the time increases by half an hour between 0 and 10 hours and by one hour between 10 and 24 hours.
3. After setting the TIMER ON, there will be a one second delay before the remote control transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will re-appear on the LCD display window.

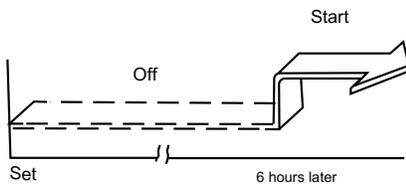
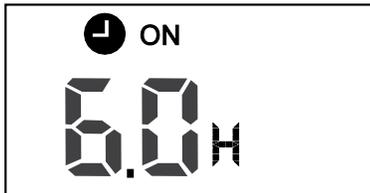
#### **To set the Auto-off time.**

1. Press the TIMER OFF button. The remote control shows TIMER OFF, the last Auto-off setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to stop the operation.
2. Push the TIMER OFF button again to set desired Auto-off time. Each time you press the button, the time increases by half an hour between 0 and 10 hours and by one hour between 10 and 24 hours.
3. After setting the TIMER OFF, there will be a one second delay before the remote control transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "H" will disappear and the set temperature will re-appear on the LCD display window.

**▲ CAUTION**

- When you select the timer operation, the remote control automatically transmits the timer signal to the indoor unit for the specified time. Therefore, keep the remote control in a location where it can transmit the signal to the indoor unit properly.
- The effective operation time set by the remote control for the timer function is limited to the following settings: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 and 24.

**Example of timer setting**



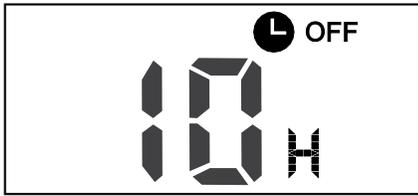
**TIMER ON  
(Auto-on Operation)**

The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

**Example:**

To start the air conditioner in 6 hours.

1. Press the TIMER ON button, the last setting of starting operation time and the signal "H" will show on the display area.
2. Press the TIMER ON button to display "6.0H" on the TIMER ON display of the remote control.
3. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON" indicator remains on and this function is activated.



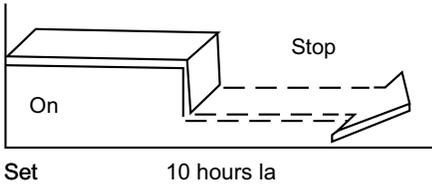
**TIMER OFF**  
(Auto-off Operation)

The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed. The air conditioner will stop automatically at the set time.

**Example:**

To stop the air conditioner in 10 hours.

1. Press the TIMER OFF button, the last setting of stopping operation time and the signal "H" will show on the display area.
2. Press the TIMER OFF button to display "10H" on the TIMER OFF display of the remote control.
3. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER OFF" indicator remains on and this function is activated.



**COMBINED TIMER**

(Setting both ON and OFF timers simultaneously)

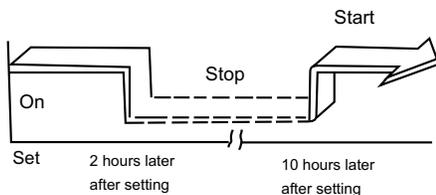
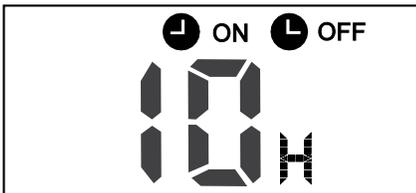
TIMER OFF → TIMER ON  
(On → Stop → Start operation)

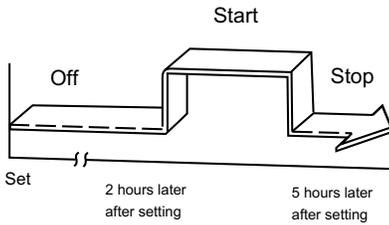
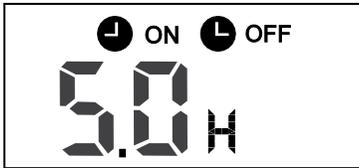
This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

**Example:**

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

1. Press the TIMER OFF button.
2. Press the TIMER OFF button again to display 2.0H on the TIMER OFF display.
3. Press the TIMER ON button.
4. Press the TIMER ON button again to display 10H on the TIMER ON display.
5. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON OFF" indicator remains on and this function is activated.





**TIMER ON → TIMER OFF**

(Off → Start → Stop operation)

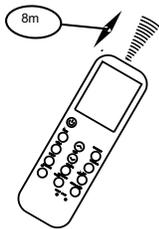
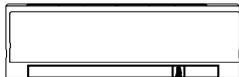
This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

**Example:**

To start the air conditioner 2 hours after setting, and stop it 5 hours after setting.

1. Press the TIMER ON button.
2. Press the TIMER ON button again to display 2.0H on the TIMER ON display.
3. Press the TIMER OFF button.
4. Press the TIMER OFF button again to display 5.0H on the TIMER OFF display.
5. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON & TIMER OFF" indicator remains on and this function is activated.

**Handling the remote control**

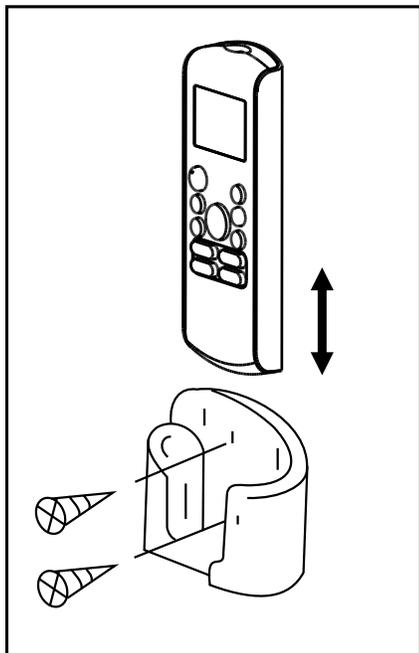


**Location of the remote control**

- Use the remote control within a distance of 8 meters from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.

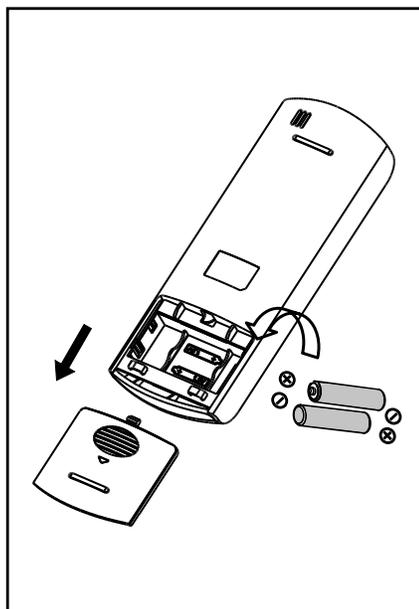
**CAUTIONS**

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote control to the indoor unit.
- Prevent any liquid from falling into the remote control. Do not expose the remote control to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote control, either move these appliances or consult your local dealer.
- Do not drop the remote control. Handle with care.
- Do not place heavy objects on the remote control, or step on it.



### Using the remote control holder (optional)

- The remote control can be attached to a wall or pillar by using a remote control holder (not supplied, purchased separately).
- Before installing the remote control, check that the air conditioner receives the signals properly from this location.
- Install the remote control with two screws.
- For installing or removing the remote control, move it up or down in the holder.



### Replacing batteries

The following cases signify exhausted batteries. Replace old batteries with new ones.

- Receiving beep is not emitted when a signal is transmitted.
- Indicator fades away.

The remote control is powered by two AAA batteries housed in the lower rear part and protected by a cover.

1. Remove the cover in the rear part of remote control.
2. Remove the old batteries and insert the batteries, placing the (+) and (-) ends correctly.
3. Install the cover back.

**NOTE:** When the batteries are removed, the remote control erases all programming. After inserting new batteries, the remote control must be reprogrammed.

### ⚠ CAUTIONS

- Do not mix old and new batteries or batteries of different types.
- Do not leave the batteries in the remote control if they are not going to be used for 2 or 3 months.
- Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

**NOTE:**

The device complies with the local and national regulations.

- In Canada, it complies with CAN ICES-3(B)/NMB-3(B).
- In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  1. This device may not cause harmful interference, and
  2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not approved by the party responsible for compliance could void users authority to operate the equipment.

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Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

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