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inventor O1MI-18B Air Conditioning Systems User Manual

inventor®

AIR CONDITIONING SYSTEMS
REMOTE CONTROLLER
• USER'S MANUAL

Contents

## O1MI-18B Air Conditioning Systems

MODELS:
O1MI-09F(CP)/O1MO-09F(CP)
O1MI-12F(CP)/O1MO-12F(CP)
O1MI-18B/O1MO-18B
O1MI-24/O1MO-24B

NOTE:

- Buttons design is based on typical model and might be slightly different from the actual one you purchased the actual shape shall prevail.
- All the functions described are accomplished by the unit. If the unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.
- When there are wide differences between Remote controller Illustration and USER'S MANUAL on function description, the description of USER'S MANUAL shall prevail.

Remote Controller Specifications

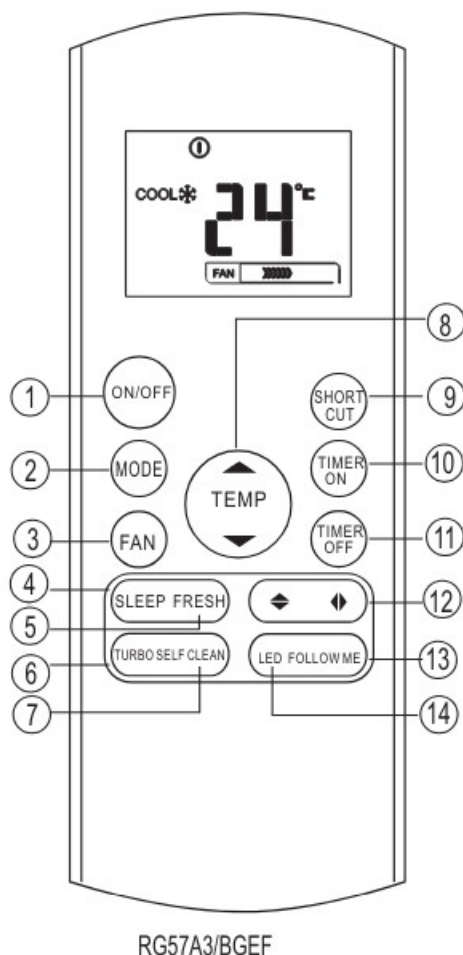| Model	3.0V(Dry batteries R03/LR03×2)
Rated Voltage	RG57A3/BGEF, RG57B/BGE,RG57D/BGERG57A2/BGEF,
Signal Receiving Range	8m
Environment	-5ºC~60ºC
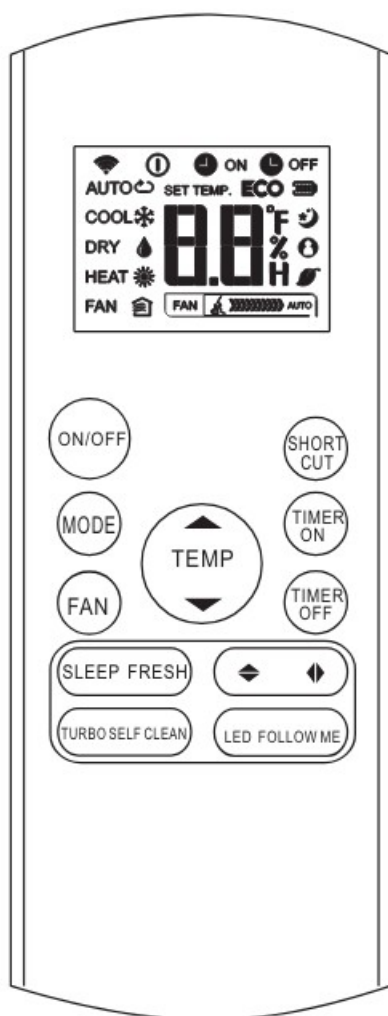
RG57A3/BGEF RG57A2/BGEF (FRESH button is not available)	RG57B/BGE (FRESH button is not available) RG57D/BGE

Operation of buttons
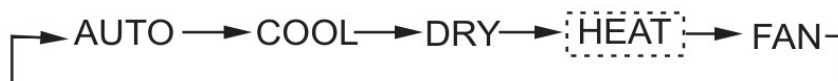
RG57A3/BGEF

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:

   $$\rightarrow \text{AUTO} \longrightarrow \text{COOL} \rightarrow \text{DRY} \rightarrow \boxed{\text{HEAT}} \rightarrow \text{FAN} \rightarrow$$

   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:

   $$\rightarrow \text{AUTO} \rightarrow \text{LOW} \rightarrow \text{MED} \rightarrow \text{HIGH} \rightarrow$$
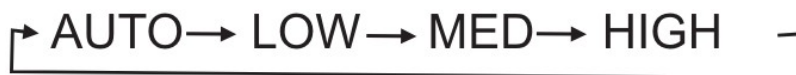
   NOTE: You can not switch the fan speed in AUTO or DRY mode.

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 would be cancelled if MODE, FAN SPEED or ON/OFF button is pressed.

5. **FRESH Button** (applicable to RG57A3/BGEF and RG57D/BGE only)

   Active/Disable When the FRESH function is initiated, the Ionizer/ Plasma Dust Collector(depending on models) is energized and will help to remove pollen and impurities from the air.

6. **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 happened when pressing this button.)

7. **SELF CLEAN Button** (applicable to Rg57(A2)A3/BGEF) Active/Disable Self Clean function
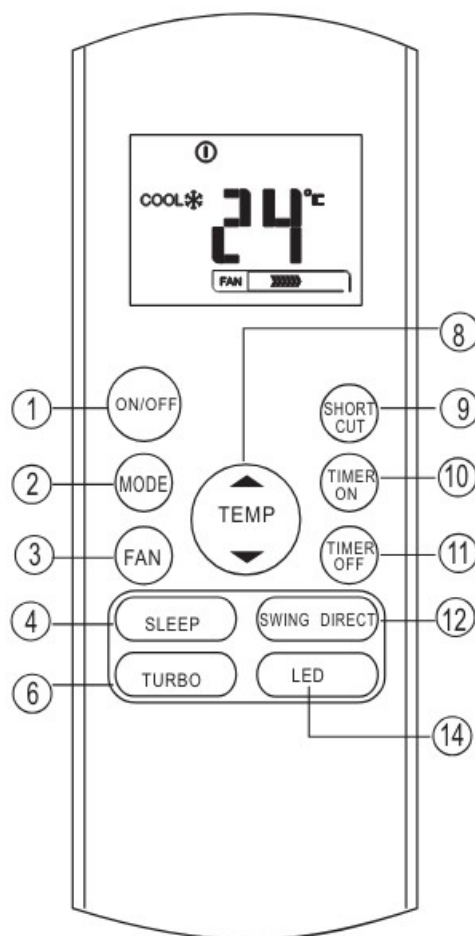
RG57B/BGE

8. **UP Button** (▲)

Push this button to increase the indoor temperature setting in 1ºC increments to 30ºC.

DOWN Button(▼)

Push this button to decrease the indoor temperature setting in 1ºC increments to 17ºC.

NOTE: Temperature contol is not available in Fan mode.

9. **SHORTCUT Button**

● Used to restore the current settings or resume previous settings.

● On the first time connecting to the power, if push the SHORTCUT button, the unit will operate on AUTO mode, 26ºC, and fan speed is Auto.

● Push this button when remote controller 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).

10. **TIMER ON Button**

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

11. **TIMER OFF Button**

Press this button to initiate the auto-off time sequence. Each press will increase the auto-timed setting in 30

minutes increments.

When the setting time displays 10.0, each press will increase the auto-timed setting 60 minutes increments. To cancel the autotimed program, simply adjust the auto-off time to 0.0

RG57A2/BGEF

RG57D
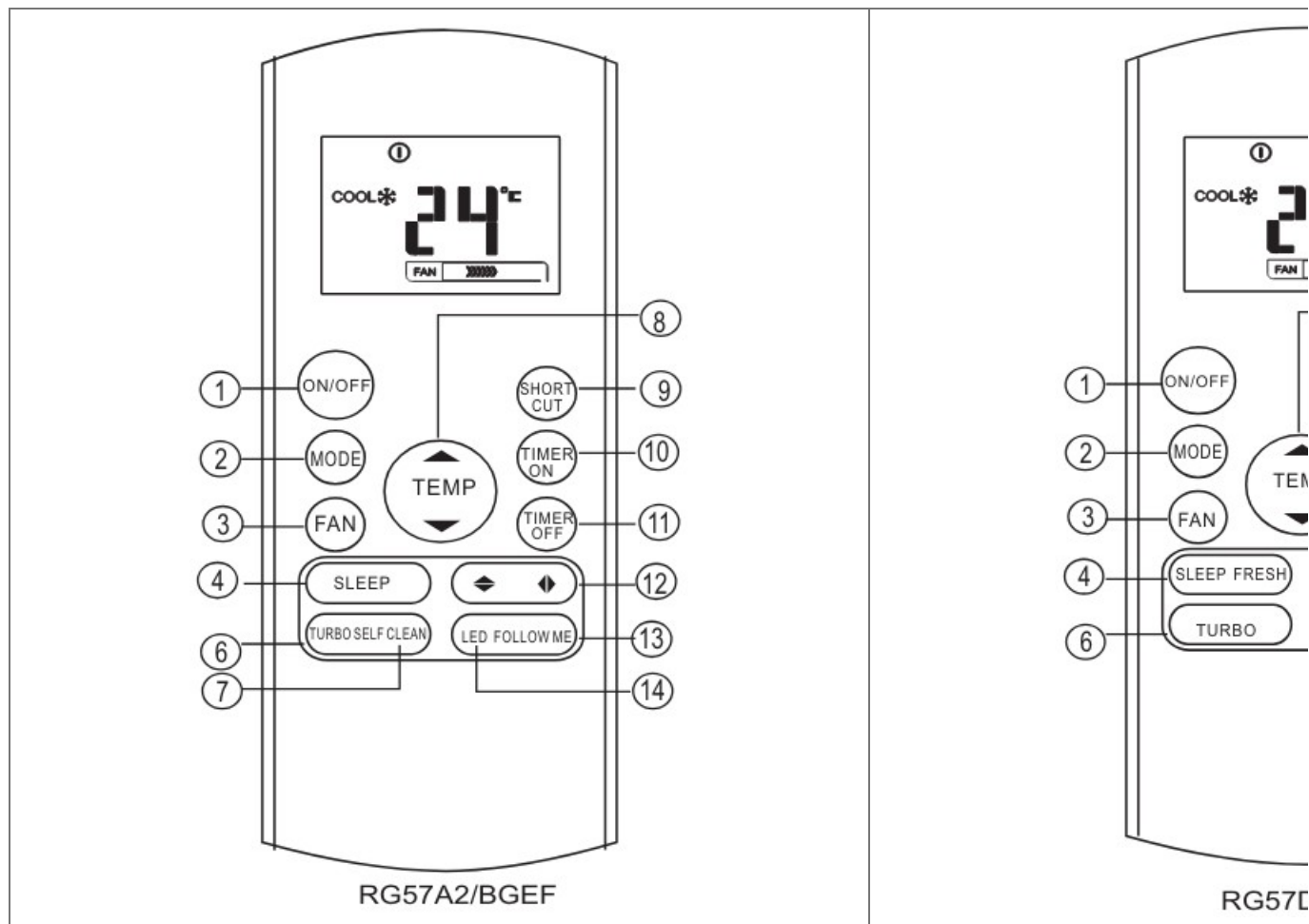
12. **Swing ◄►Button** (applicable to RG57(A2)A3/BGEF)

Used to stop or start vertical louver movement and set the desired left/right air flow direction. The vertical louver changes 6 degree in angle for each press. And the temperature display area of indoor unit displays '├┤├' for one second. If keep pushing more than 2 seconds, the vertical louver swing feature is activated. And the display area of indoor unit displays 'IIII', flashes four times, then the temperature setting reverts back. If the vertical louver swing feature is stopped, it displays 'LC' and remains on for 3 seconds.

Swing ▼ Button (applicable to RG57A3(A2)/BGEF)

Used to stop or start horizontal louver movement or set the desired up/down air flow direction. The louver changes 6 degree in angle for each press. If keep pushing more than 2 seconds, the louver will swing up and down automatically.

SWING Button (applicable to RG57B(D)/BGE)

Used to stop or start horizontal louver auto swing feature.

DIRECT Button (applicable to RG57B(D)/BGE)

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

13. **FOLLOW ME Button**

(applicable to RG57(A2)A3/BGEF)

Push this button to initiate the Follow Me feature, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me

button again. The air conditioner will cancel the Follow Me feature automatically if it does not receive the signal during any 7 minutes interval.

14. **LED Button**

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

Indicators on LCD

Information are displayed when the remote controller is powered up.
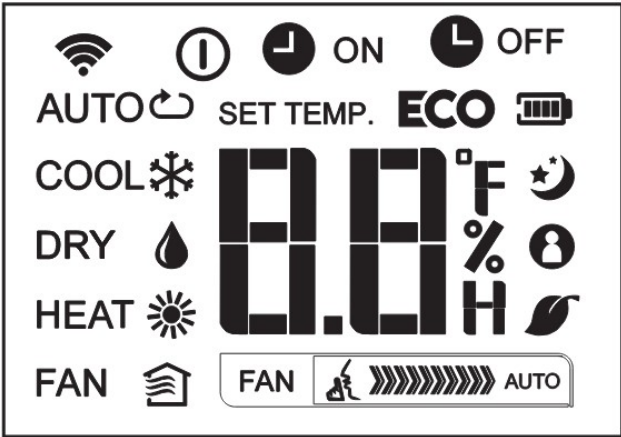
Mode display

	Displayed when data transmitted.
	Displayed when remote controller 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.

 Indicated that the air conditioner is operating in Follow me mode

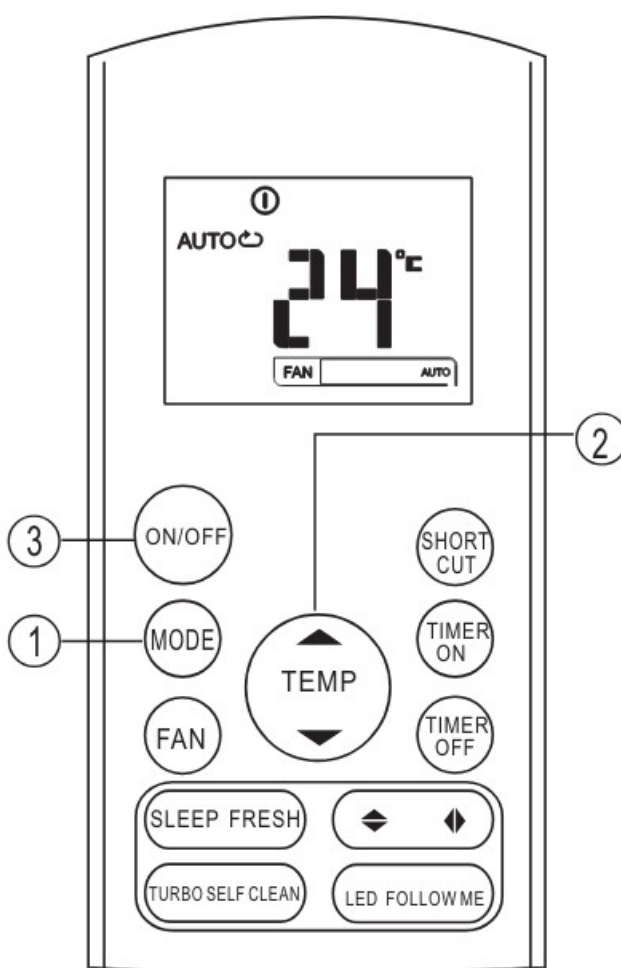🍃 Not available for this unit

🐦 Not available for this unit

Fan speed indication

FAN	》》》	Low speed
FAN	》》》》》	Medium speed
FAN	》》》》》》》	High speed
FAN	AUTO	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 the unit is plugged in and 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 17ºC ~ 30ºC in 1ºC 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 controller.
2. In the Auto mode, you can not switch the fan speed. It has already been automatically controlled.
3. If the Auto mode is not comfortable for you , the desired mode can be selected manually.
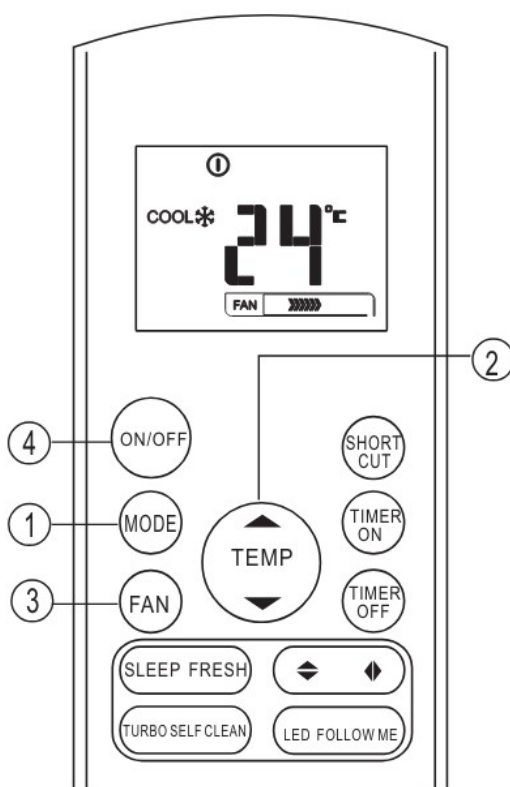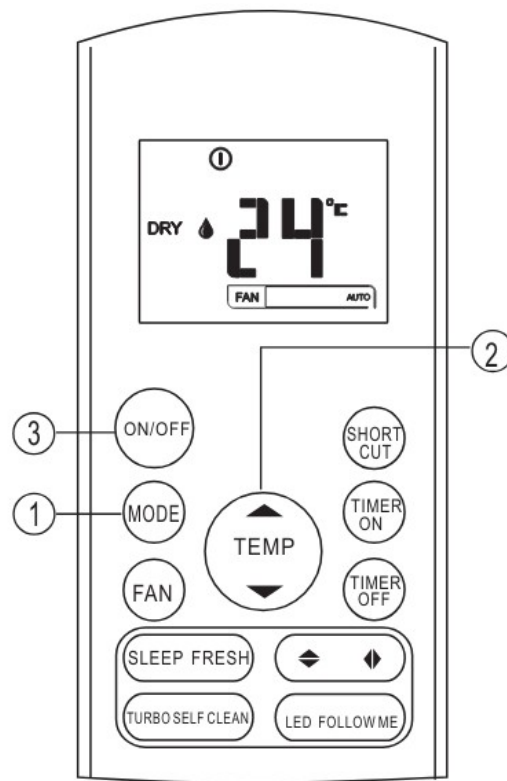

Cooling /Heating/Fan operation
Ensure the unit is plugged in and power is available.

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 17ºC~ 30ºC in 1ºC 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 controller and you are not able to control the room temperature either. In this case, only step 1, 3 and 4 may be performed.

Dehumidifying operation

Ensure the unit is plugged in and 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 17 ºC~ 30ºC in 1ºC 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 has already been automatically controlled.

Adjusting air flow direction

Use the SWING ◆ & ♦ button to adjust the desired airflow direction.

1. Up/Down direction can be adjusted with the ♦ button on the remote controller. Each time when you press the button, the louver moves an angle of 6 degree. If pressing more than 2 seconds ,the louver will swing up and down automatically.
2. Left/Right direction can be adjusted with the ♦ button on the remote controller. Each time when you press the button, the louver moves an angle of 6 degree. If pressing more than 2 seconds ,the louver will swing up and down automatically.

NOTE: When the louver swing or move to a position which would affect the cooling or heating effect of the air conditioner, it would automatically change the swing/moving direction.
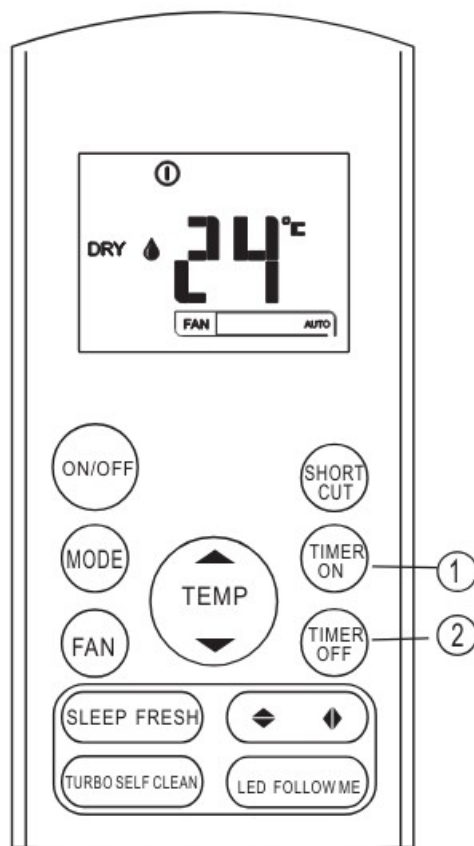
Timer operation

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

To set the Auto-on time.

1. Press the TIMER ON button. The remote controller 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 controller 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 controller 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 controller 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 controller automatically transmits the timer signal to the indoor unit for the specified time. Therefore, keep the remote controller in a location where it can transmit the signal to the indoor unit properly.
- The effective operation time set by the remote controller 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.

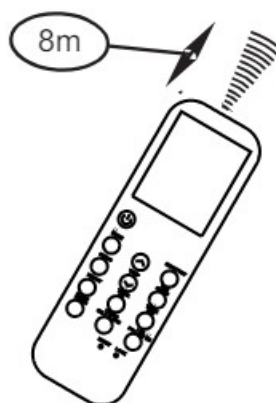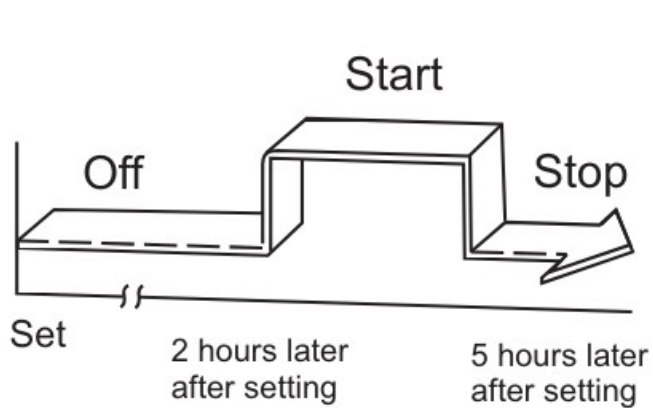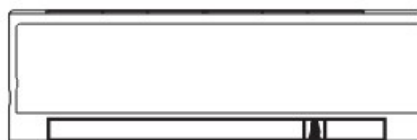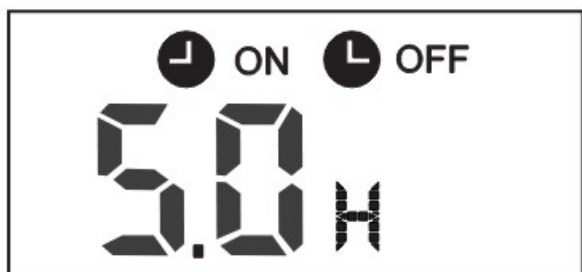## Example of timer setting
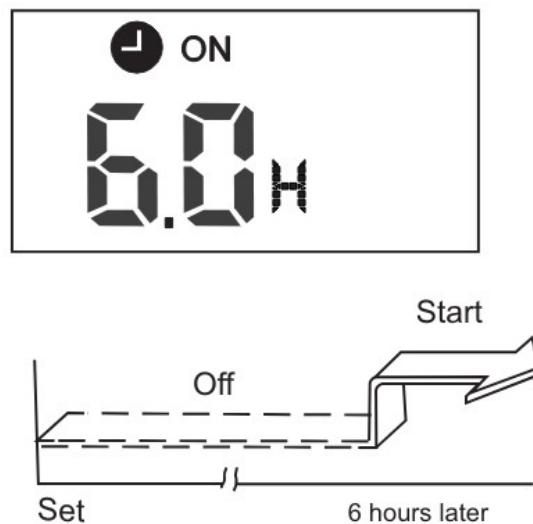
TIMER ON
(Auto-on Operation)
The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

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 controller.
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.

ECO 🕐 🕐 👤 🍃 🧹 ⬍

🕐 ON 🕐 OFF

10H

🕐 OFF

10H

On

Set   10 hours later

Stop

On

Set   2 hours later   10 hours later
         after setting   after setting

Stop

Start

ON OFF

5.0 H

Off **Start** **Stop**

Set

2 hours later
after setting

5 hours later
after setting

8m

Documents / Resources
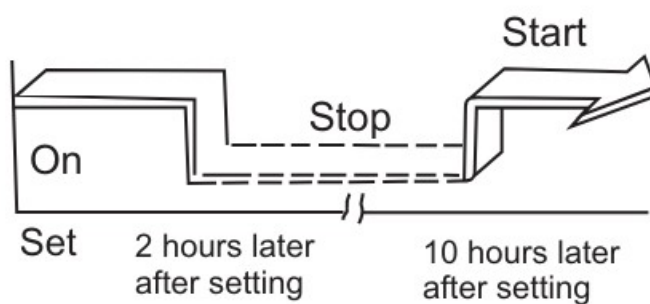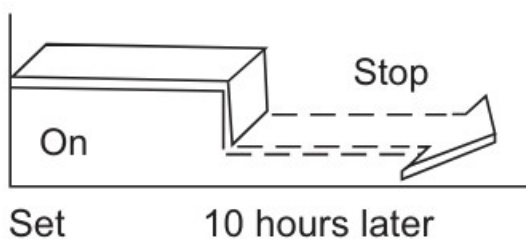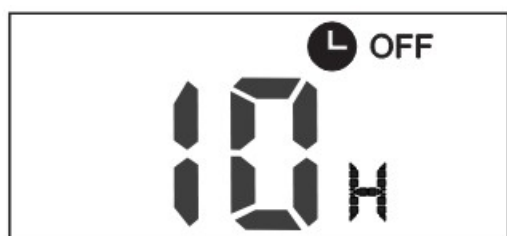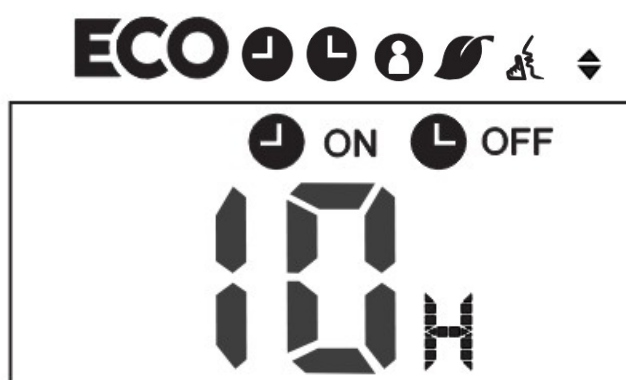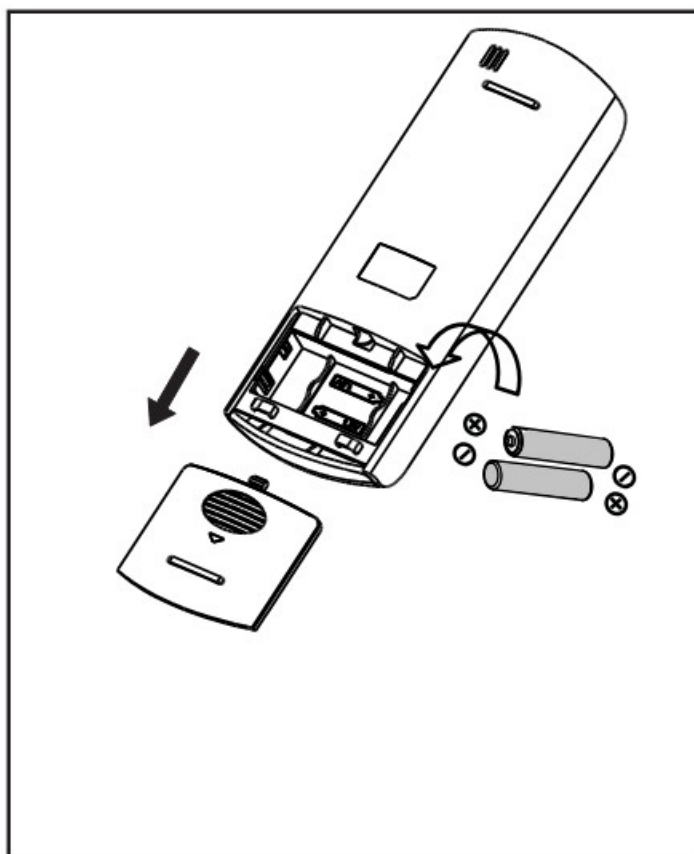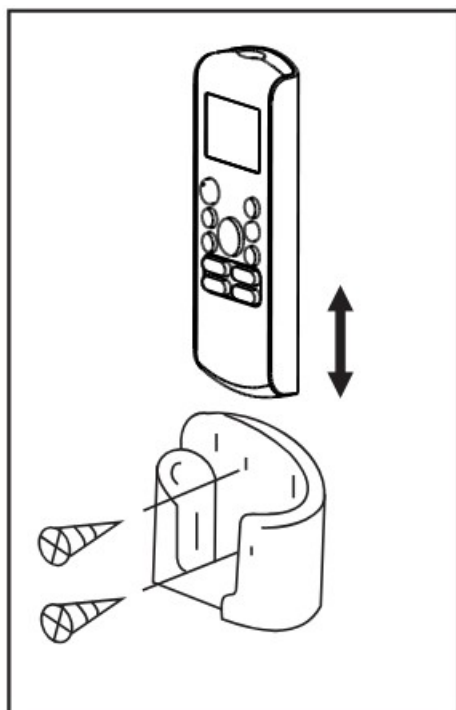
inventor O1MI-18B Air Conditioning Systems [pdf] User Manual
O1MI-09F CP, O1MO-09F CP, O1MI-12F CP, O1MO-12F CP, O1MI-18B, O1MO-18B, O1MI-24, O1MO-24B, O1MI-18B Air Conditioning Systems, O1MI-18B, Air Conditioning Systems, Conditioning Systems, Systems

References

- **User Manual**