

AIR CONDITIONER
REMOTE CONTROLLER ILLUSTRATION

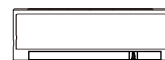
CS457-R14A
202055090318
20110215

Thank you very much for purchasing our air conditioner.
Please read this owner's manual carefully before using
your air conditioner.

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Handling the remote controller



Location of the remote controller.

- Use the remote controller within a distance of 8 meters from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.
- Keep the remote controller where its signals can reach the receiver of the unit. When you select the timer operation, the remote controller automatically transmits a signal to the indoor unit at the specified time. If you keep the remote controller in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.

▲ CAUTIONS

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller 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 controller, either move these appliances or consult your local dealer.

Replacing batteries

The remote controller is powered by two dry batteries(R03/LR03X2) housed in the rear part and protected by a cover.

- (1) Remove the cover by pressing and sliding off.
- (2) Remove the old batteries and insert the new batteries,placing the(+) and (-) ends correctly.
- (3) Reattach the cover by sliding it back into position.

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

▲ CAUTIONS

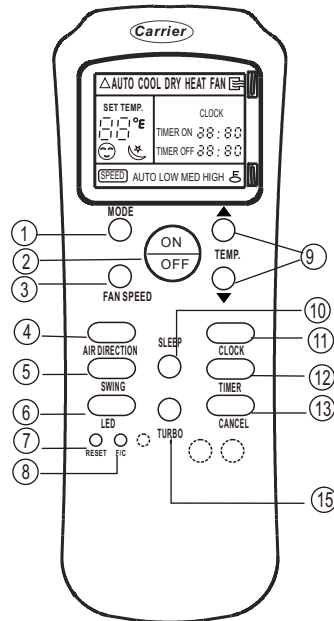
- Do not mix old and new batteries or batteries of different types.
- Do not leave the batteries in the remote controller if they are not going to be used for 2 or 3 months.
- Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Remote Controller Specifications

Model	R14A/(C)E, RG14A1/(C)E, RG14A2/(C)EF.
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Lowest Voltage of CPU Emitting Signal	2.4V
Signal Receiving Range	8m (when using 3.0 voltage, it gets 11m)
Environment	-5°C~60°C(23°F~140°F)

Performance Feature

1. Operating Mode: AUTO, COOL, DRY, HEAT(Cooling only model without), and FAN.
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 17°C~30°C(62°F~88°F).
4. Full function of LCD (Liquid Crystal Display)

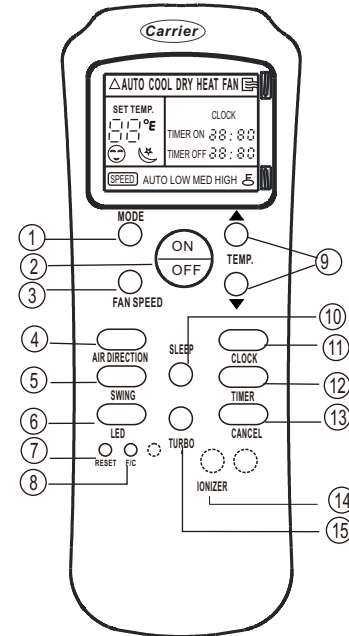


Model: R14A/E, R14A/CE.

○ Buttons: These three button is disable for model R14A/(C)E.

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Function buttons

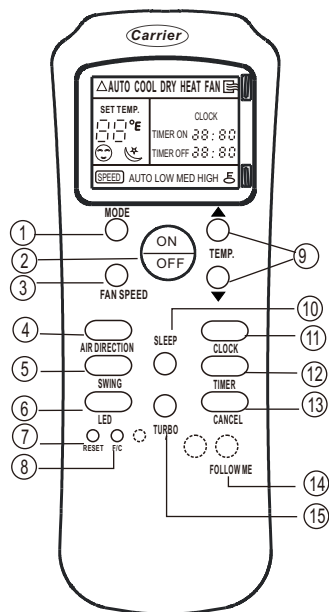


Model: RG14A1/E, RG14A1/CE.

1. **MODE Button**
Each time the button is pressed, the operation mode is selected in a sequence of following:
→AUTO → COOL → DRY → HEAT → FAN
NOTE: Heat mode is for Cooling & Heating models only.
2. **ON/OFF Button**
Operation starts when this button is pressed and stops when this button is pressed again.
3. **FAN SPEED Button**
Used to select the fan speed in four steps:
→ Auto → Low → Med → High
4. **AIR DIRECTION Button:** Press this button to change the swing angle of louver and set the desired up/down airflow direction. The louver swings for an angle of 6° for each press.
5. **SWING Button**
Used to stop or start auto swing feature of the louver. Press it again to stop the movement.
6. **LED Button**
Press this button to clear the digit display in the air conditioner, press it again to activate it. (NOTE:there is no reaction to some air conditioners without digital display when you press the LED button.)
7. **RESET Button**
Once the recessed RESET button is pressed, all of the current settings will be cancelled and the controller will return to the initial settings.
8. **F/C Button**
Used to select/display temperature settings in either "Celsius" or "Fahrenheit". Press this button to select either the Celsius or Fahrenheit scale.
9. **TEMP. Button :**
Push the ▲ button to increase the indoor temperature setting or to adjust the TIMER in a clockwise direction. Push the ▼ button to decrease the indoor temperature setting or to adjust the TIMER in a counter-clockwise direction.

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Function buttons(continued)



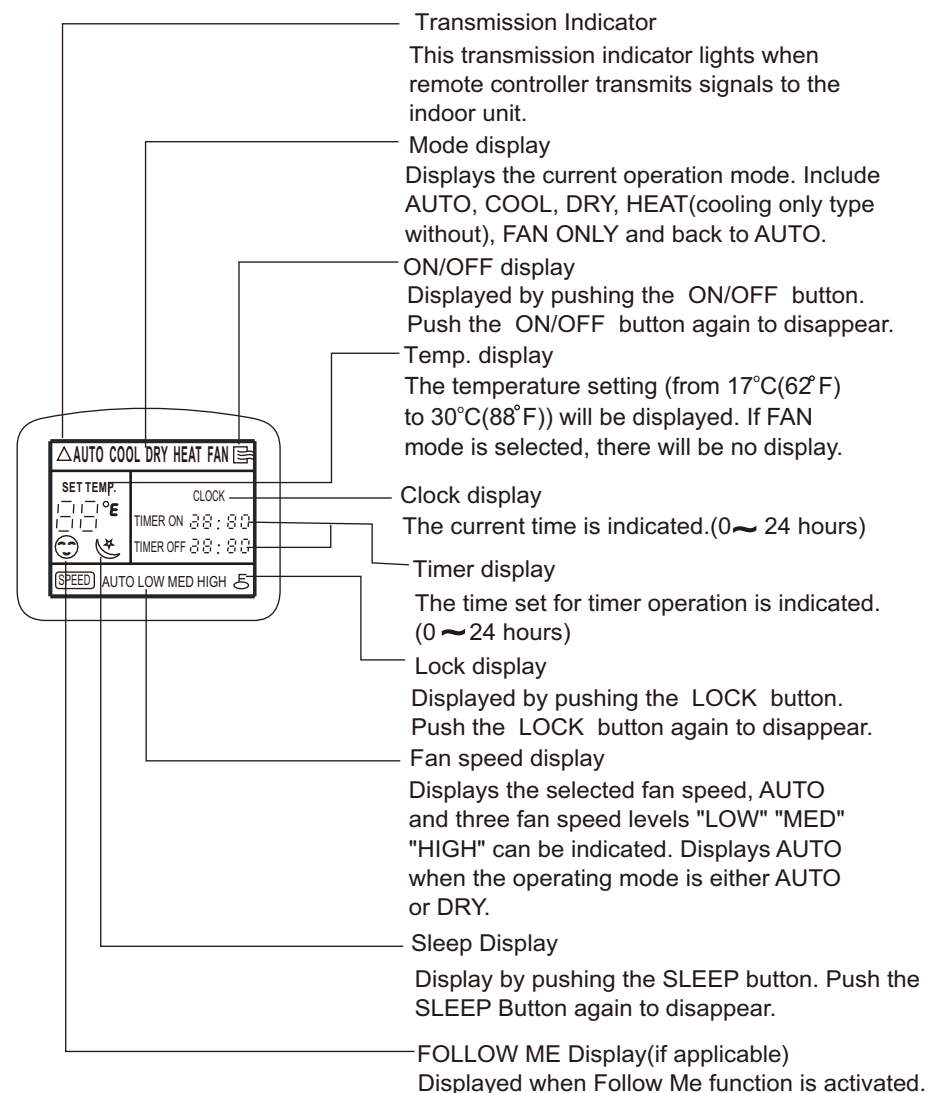
**Model: RG14A2/EF,
RG14A2/CEF.**

NOTE: The TEMP. Button provides a function that allow you to set the LOCK mode. To guard against accidental program change or unlock the registered program, press the ▲ and ▼ buttons simultaneously for about 3 seconds to alternate between LOCK and UNLOCK mode.

☞ Symbol displays indicating LOCK, the symbol disappears indicating UNLOCK.

- ⑩ **SLEEP Button**
Select this function during the sleeping time. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only .
- ⑪ **CLOCK Button:** Used to initiate and/or change the time of day setting.
- ⑫ **TIMER Button**
Used to initiate the AUTO-ON/AUTO-OFF time program, in conjunction with the ▲ & ▼ buttons.
- ⑬ **CANCEL Button**
Press this button to cancel ON timer and OFF timer.
- ⑭ **IONIZER Button(on some models)**
When push this button, the Ionizer/Plasma Dust Collector(depending on models) is energized and will help to remove pollen and impurities from the air.
- FOLLOW ME Button(on some models):**
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 if it does not receive the signal during any 7 minute interval.
- ⑮ **TURBO Button:**
Push this button on COOL/HEAT(For models adopts PTC or Electrical heater only) mode, the air conditioner goes into powerful cooling/heating operation. Push again to cancel the TURBO function.

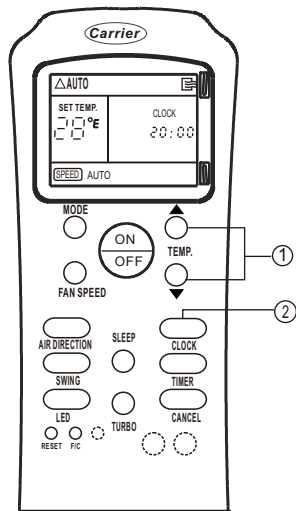
Indicators on LCD



- Transmission Indicator**
This transmission indicator lights when remote controller transmits signals to the indoor unit.
- Mode display**
Displays the current operation mode. Include AUTO, COOL, DRY, HEAT(cooling only type without), FAN ONLY and back to AUTO.
- ON/OFF display**
Displayed by pushing the ON/OFF button. Push the ON/OFF button again to disappear.
- Temp. display**
The temperature setting (from 17°C(62°F) to 30°C(88°F)) will be displayed. If FAN mode is selected, there will be no display.
- Clock display**
The current time is indicated.(0 ~ 24 hours)
- Timer display**
The time set for timer operation is indicated. (0 ~ 24 hours)
- Lock display**
Displayed by pushing the LOCK button. Push the LOCK button again to disappear.
- Fan speed display**
Displays the selected fan speed, AUTO and three fan speed levels "LOW" "MED" "HIGH" can be indicated. Displays AUTO when the operating mode is either AUTO or DRY.
- Sleep Display**
Display by pushing the SLEEP button. Push the SLEEP Button again to disappear.
- FOLLOW ME Display(if applicable)**
Displayed when Follow Me function is activated.

▪In the illustration, all displays are indicated for the sake of clarity. During operation, only the relevant displays will be shown on the remote controller.

How to use the buttons



Before you start operating the air conditioner, set the clock of the remote controller using the procedures given in this section. The clock panel on the remote controller will display the time regardless of whether the air conditioner is in use or not.

Initial Setting of the Clock

After batteries are inserted in the remote controller, the clock panel will display "12:00" and begin to flash.

1. TEMP.button

• Press these buttons to set time.

▲ Forward.

▼ Backward.

• Each time you press the button, the time moves forward or backward by one minute depending on which side you press. The time alters as quickly as you push the button.

• Keep pressing the button without releasing, the time moves forward or backward by 10 minutes depending on which side you press.

2. CLOCK button

When the right time is achieved, press the CLOCK button or release the ▲ or ▼ and wait for 3 seconds, the clock time stops flashing and the clock starts operating.

3. Readjusting the Clock

Press the CLOCK button on the remote controller for about 3 seconds, the time of the clock display will start to flash. To set the new time, follow 1 and 2 of "Initial Setting of the Clock".

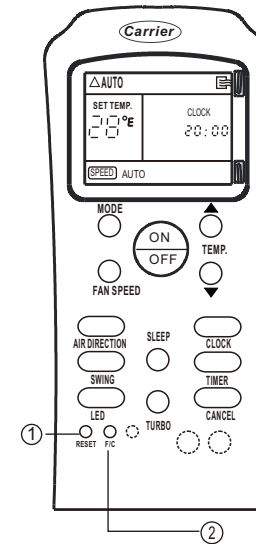
Note: The time of the CLOCK must be set before the AUTO-TIMER feature will operate. On TIMER operation, the time of the CLOCK can not be adjusted.

* Clock accuracy is within 15 seconds per day.

▲ CAUTION

Static electricity or other factors (Voltage transients) can cause the remote controller clock to initialise. If your remote controller is initialised (the time of "12:00" flashing), readjust the clock before starting the unit.

Recessed button operation



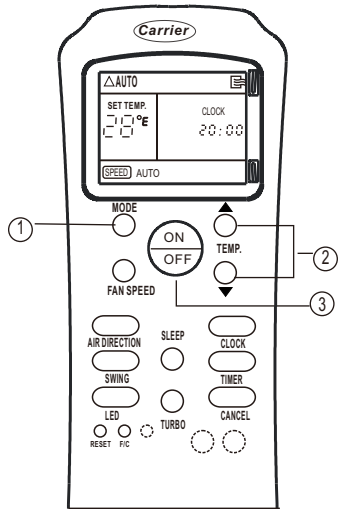
1. When you press the RESET button, all current settings are cancelled and return to original factory settings.

• In the clock, the time "12:00" will flash, the mode displays "Auto", fan speed displays "Auto", the temperature displays "24".

Note: You will need to reprogram the CLOCK setting after pressing the RESET button (Refer to "Setting the CLOCK").

2. When you press the F/C button, the temperature settings on the remote unit can be displayed in either "Celsius" or "Fahrenheit". Press this button to select either Celsius or Fahrenheit scale.

Auto operation

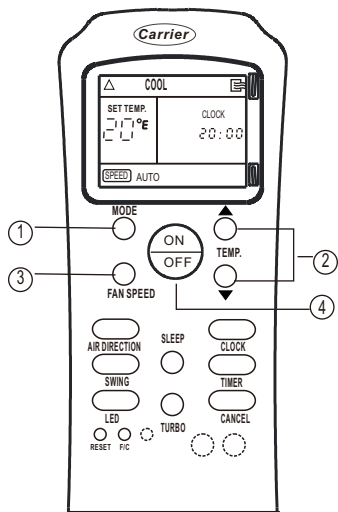


- Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit illuminates.
1. Press the **MODE** button to select Auto.
 2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17°C(62°F)~ 30°C(88°F) in 1°C/2°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, Heating and Dehumidifying 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

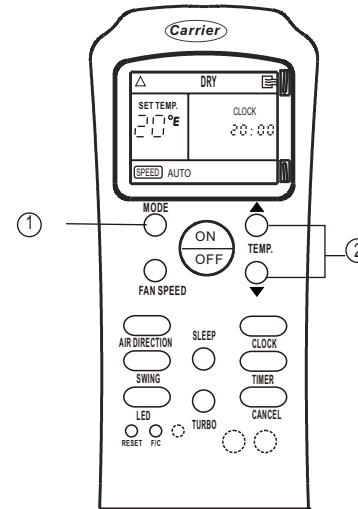


- Ensure the unit is plugged in and power is available.
1. Press the **MODE** button to select COOL, HEAT, (cooling & heating models only) or FAN mode.
 2. Press the **TEMP** buttons to set the desired temperature. The temperature can be set within a range of 17°C(62°F)~ 30°C(88°F) in 1°C/2°F increments.
 3. Press the **FAN SPEED** 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 illuminates.
1. Press the **MODE** button to select DRY mode.
 2. Press the **TEMP** buttons to set the desired temperature. The temperature can be set within a range of 17°C(62°F)~ 30°C(88°F) in 1°C/2°F increments.
 3. Press the **ON/OFF** button to start the air conditioner.

NOTE

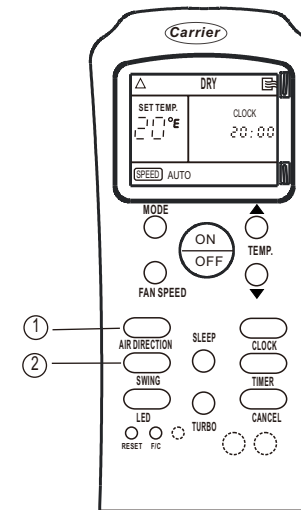
In the Dehumidifying mode, you can not switch the fan speed. It has already been automatically controlled.

Adjusting air flow direction

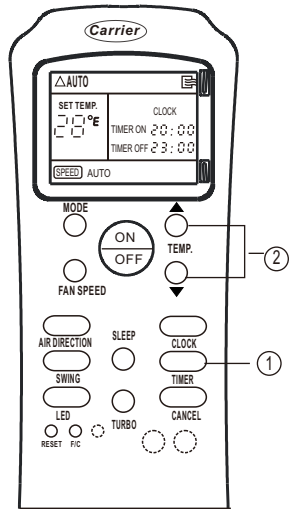
Use the AIR DIRECTION and SWING buttons to adjust the Up/Down airflow direction.

1. When press the AIR DIRECTION button, the horizontal louver will move at an angle of 6°. Keep pressing the button to move the louver to the desired position.
2. Press the SWING button, the horizontal louver would swing up/down automatically. Press it again to stop.

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



Timer operation



1. **TIMER** button
Press the **TIMER** button as required. The current timer setting is displayed alongside either the **TIMER ON** or **TIMER OFF** indicator, and will flash.

2. **TEMP.** Buttons

· Press \uparrow to set the desired time.

▲ Forward

▼ Backward

Each time you push these buttons, the time moves forward or backward by 10 minutes depending on which direction you press. The time alters as quickly as you press the button.

3. After setting the timer for **TIMER ON** and **TIMER OFF**, check the **TIMER** indicator on the display panel of the indoor unit is illuminated.

Canceling

4. **Cancel button(CANCEL)**

Press the **CANCEL** button to cancel the timer setting.

Changing

Perform steps 1, 2 and 3 to change the settings.

CAUTIONS

- When you select the timer operation, the remote controller automatically transmits the timer signal to the indoor unit at the specified time. Therefore, keep the remote controller in a location from which it can transmit the signal to the indoor unit properly.
- The effective operation time set by remote controller is limited in 24 hours.

Example of Timer setting

TIMER ON (Timer Start Operation)

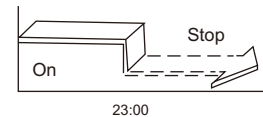
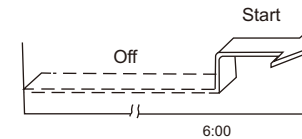
The **TIMER ON** feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

IMPORTANT: The time will be registered in 3 seconds period (after pressing the **TEMP.** button), so you should continue pressing the button until the desired time is established. Otherwise you must repeat the steps again.

Example:

To start the air conditioner at 6:00 a.m.

- Press the **TIMER** button, the **TIMER ON** indicator is displayed and the setting time beside is flashing (if the displayed time is just 6:00, 3 seconds later, the **TIMER ON** function will be activated automatically).
- Use the **TEMP/TIME** button to display "6:00" beside the **TIMER ON** indicator of the remote controller.
- Wait for 3 seconds and the setting time stops flashing and this function is activated.



TIMER OFF

(Timer Stop Operation)

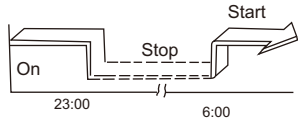
The **TIMER OFF** feature is useful when you want the unit to turn off automatically after you go to bed. The air conditioner will stop automatically at the set time.

Example:

To stop the air conditioner at 23:00 p.m.

- Press the **TIMER** button until the **TIMER OFF** indicator is displayed and the setting time beside is flashing (if the displayed time is just 23:00, 3 seconds later, the **TIMER OFF** function will be activated automatically).
- Use the **TEMP.** button to display "23:00" beside the **TIMER OFF** indicator.
- This function will be activated 3 seconds after you release the **TEMP.** button.

TIMER ON 6:00
 TIMER OFF 23:00



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:

Now it is 20:00 o'clock in the evening. You want to stop the air conditioner at 23:00 and start it again at 6:00 in the next morning.

1. Press the TIMER button until the TIMER OFF indicator is displayed and time setting is flashing.
2. Use the TEMP/TIME button to display "23:00" beside the TIMER OFF indicator. Wait 3 seconds, and the AUTO-OFF time will be registered.
3. Press the TIMER button again to display the TIMER ON .
4. Use the TEMP/TIME button to display "6:00" on the TIMER ON display. Wait 3 seconds until the setting time stops flashing and this function is activated.

TIMER ON → TIMER OFF

(Off → Start → Stop operation)

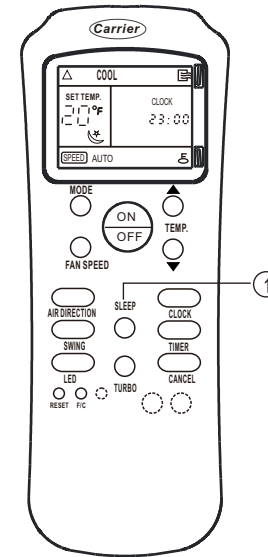
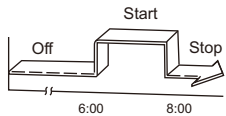
This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

To start the air conditioner at 6:00 the next morning, and stop it at 8:00.

1. Press the TIMER button, the TIMER ON indicator is displayed and the setting time is flashing.
2. Use the TEMP/TIME button to display "6:00" beside the TIMER ON indicator of the remote controller. Wait 3 seconds, the AUTO-ON time will be registered.
3. Press the TIMER button again to display the TIMER OFF indicator and the setting time .
4. Use the TEMP/TIME button to display "8:00" beside the TIMER OFF indicator.
5. Wait 3 seconds until the setting time stops flashing and this function is activated.

TIMER ON 6:00
 TIMER OFF 8:00



SLEEP operation

When you press the SLEEP button, the energy-saving function will be activated.

This function enables the unit to automatically increase(cooling) or decrease(heating) 1°C/2°F per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the most comfortable temperature and save energy.

NOTE: The SLEEP function is only available under Cooling, Heating and AUTO operations.