



Owner's and Instruction Manual

Room Air Conditioner

Remote Controller



Cautions

1. When replacing batteries, do not use old batteries or different type batteries. It may cause the remote controller to malfunction.
2. If you do not use the remote controller for a few weeks or more, remove the batteries. Otherwise, battery leakage may damage the remote controller.
3. The average battery life during normal use is approximately half a year. Replace the batteries when there is no receiving beep from the indoor unit or if the transmission indicator on the remote controller fails to light.
4. Be sure there are no barriers between the remote controller and the receiver of indoor unit otherwise the air conditioner will not work.
5. Keep the Remote Controller away from all liquids.
6. Protect the Remote Controller from high temperatures and exposure to radiation.
7. Keep the indoor receiver out of direct sunlight or the Air Conditioner may malfunction.
8. Keep controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.

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 does not have this feature, there is no corresponding operation when pressing 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 on "USER'S MANUAL" shall prevail.

-This device should comply with the local national regulations. In Canada, it should comply 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 user's authority to operate the equipment.

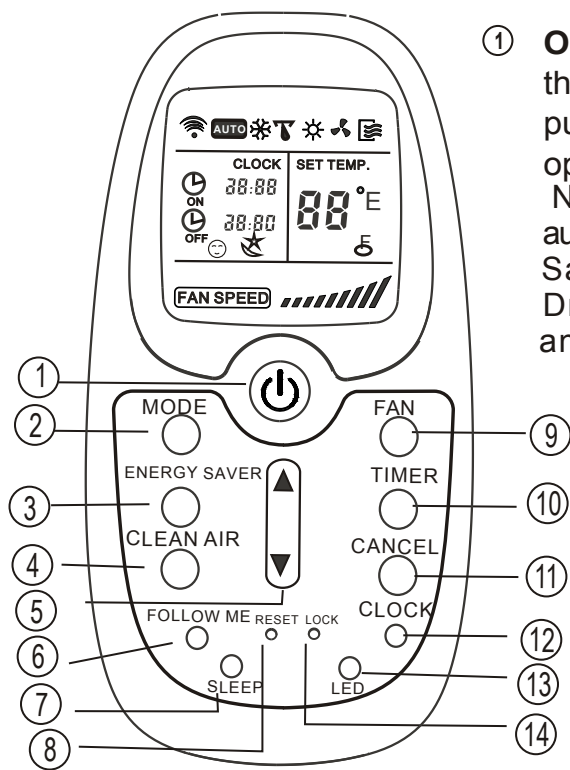
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Specification

Model	R09A/BG(C)E, R09B/BG(C)E, R09C/BG(C)E, R09/BG(C)E, RG09B/BG(C)EF.
Rated Voltage	3.0V(Dry batteries R03/LR03 ×2)
Lowest Voltage of CPU Emitting Signal	2.0V
Transmission Distance	8m
Environment	-5℃~60℃(-41°F~140°F)

Features of remote control



- ① **ON/OFF Button:** Push this button to start operation, push the button again to stop operation.

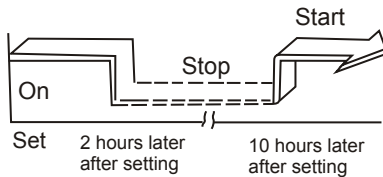
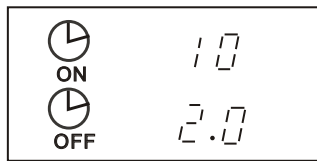
NOTE: The unit will initiate automatically the Energy Saver function under Cool, Dry, Auto (only Auto-Cooling and Auto-Fan) modes.

- ② **MODE Select Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN, as the following figure indicates:



▲ NOTE: 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 **ENERGY SAVER Button:** This function is only available on COOL, DRY, AUTO (only AUTO-COOLING and AUTO-FAN) modes. Push this button, the fan will continue to run for another 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the cooling system turns back on.
- ④ **CLEAN AIR Button (on some models):** When pushing this button, the ion generator is energized and will help to remove pollen and impurities from the air.
- ⑤ **TEMP/TIME 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

**COMBINED TIMER**

(Setting both ON and OFF timers simultaneously)

TIMER OFF → TIMER ON

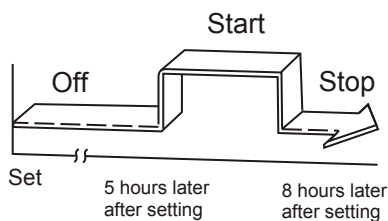
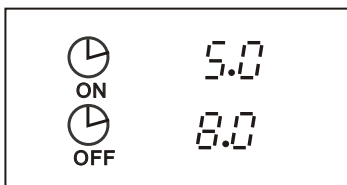
(On → Stop → Start operation)

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 button until the TIMER OFF indicator is displayed and time setting is flashing.
2. Use the TEMP/TIME button to display "2.0" beside the TIMER OFF display.
3. Press the TIMER button again to display the TIMER ON .
4. Use the TEMP/TIME button to display "10" beside the TIMER ON display.
5. Wait for 3 seconds until the TIMER ON time stops flashing and this function is activated.

**TIMER ON → TIMER OFF**

(Off → Start → Stop operation)

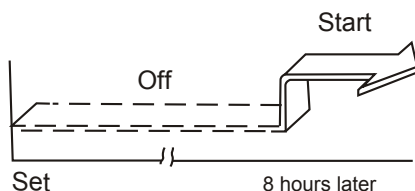
This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

To start the air conditioner 5 hours after setting, and stop it 8 hours after setting.

1. Press the TIMER button, the TIMER ON displays and the setting time flashes.
2. Use the TEMP/TIME button to display "5.0" beside the TIMER ON display of the remote controller.
3. Press the TIMER button again to display the TIMER OFF and the setting time.
4. Use the TEMP/TIME button to display "8.0" beside the TIMER OFF display.
5. Wait for 3 seconds until the TIMER OFF time stops flashing and this function is activated.

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 say when you return home.

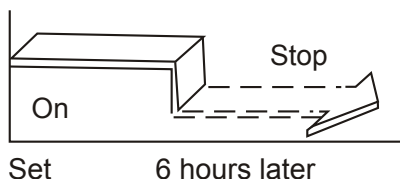
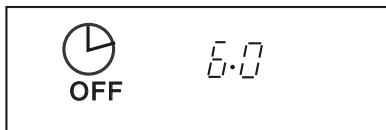
The air conditioner will automatically start operating at the set time.

IMPORTANT: The time will be registered within a 3 second period(after pressing the TEMP/TIME 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 in 8 hours.

1. Press the TIMER button, the TIMER ON indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "8.0" beside the TIMER ON display of the remote control.
3. 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 in 6 hours.

1. Press the TIMER button until the TIMER OFF indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "6.0" beside the TIMER OFF display.
3. This function will be activated 3 seconds after you release the TEMP/TIME button.

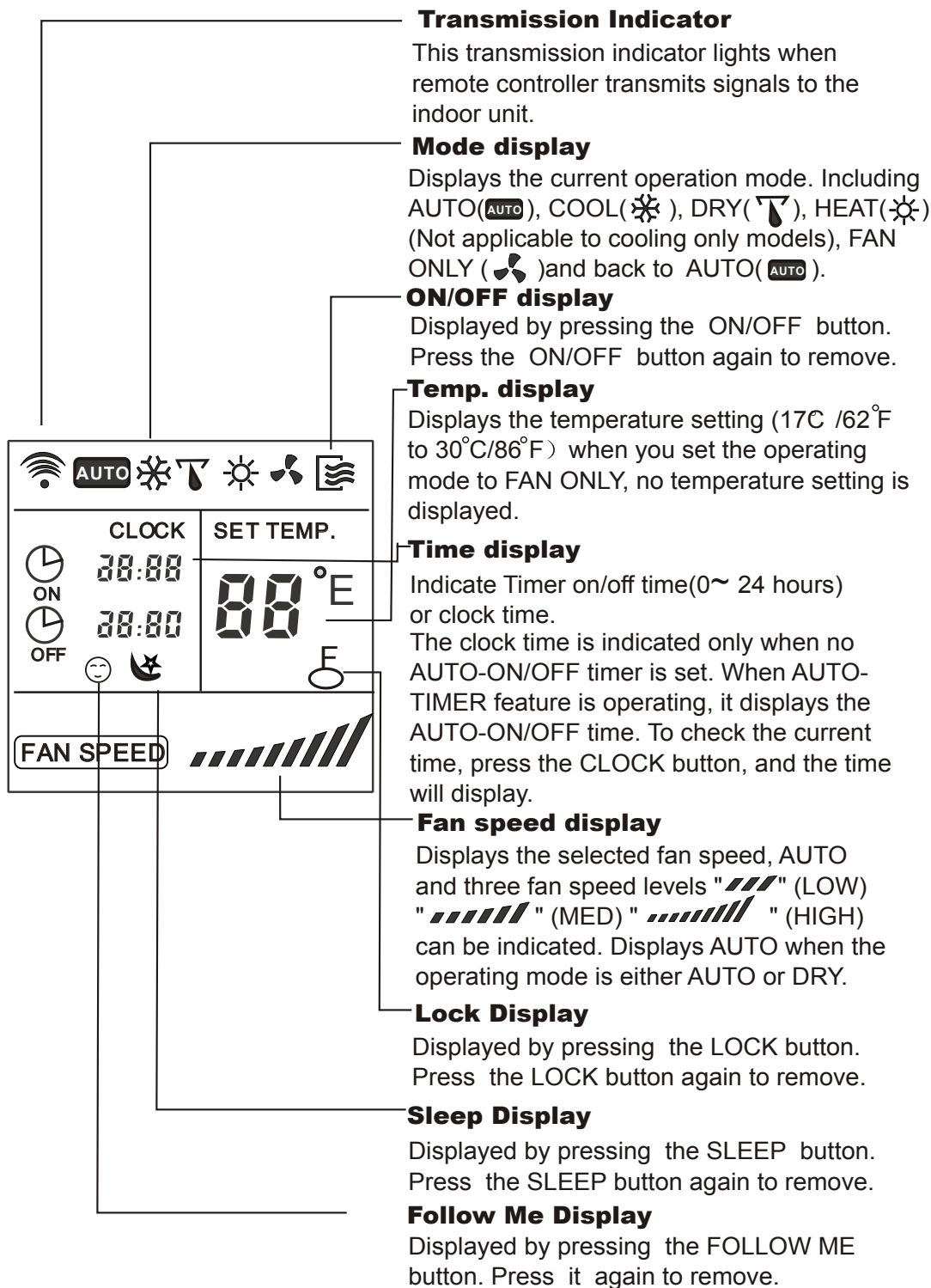
Features of remote control(continued)

temperature setting or to adjust the TIMER in a counter-clockwise direction.

NOTE: Press and hold "▲" and "▼" buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

- ⑥ **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 until pressing the Follow Me button again. The air conditioner will beep to indicate the Follow Me feature has ended if it does not receive the signal during any 7 minute interval.
- ⑦ **SLEEP Button:** In SLEEP mode, the set temperature will increase(cooling) or decrease(heating) by 1°C/ 2°F over the next 30 minutes and by another 1°C/ 2°F after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature.
▲NOTE: *While the unit is running under SLEEP mode, it will be cancelled if ON/OFF, FAN SPEED, SLEEP or MODE button is pressed.*
- ⑧ **RESET Button:** When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.
- ⑨ **FAN Button:** Used to select the Fan Speed in four steps- AUTO 、 LOW 、 MED or HIGH. Each time the button is pressed, the fan speed mode is advanced.
- ⑩ **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation).
- ⑪ **CANCEL Button:**
 - (a). If the TIMER ON, TIMER ON→OFF or TIMER OFF→ON feature has been set, pressing the CANCEL button will override the TIMER program and turn off the unit as well.
 - (b). If only TIMER OFF feature is set, pressing the CANCEL button will cancel the timer off setting and turn on the unit (when the unit is off).
 - (c). If no TIMER feature has been set, press the CANCEL button, and nothing will happen.
- ⑫ **CLOCK Button:** Use to set the time.
- ⑬ **LED Button:** Press this button to clear the digit display on the air conditioner, press it again to activate it .
- ⑭ **LOCK Button:** When you press the LOCK button, all current settings are locked in and the remote controller does not accept any operation except that of the LOCK. Press again to cancel the LOCK mode.

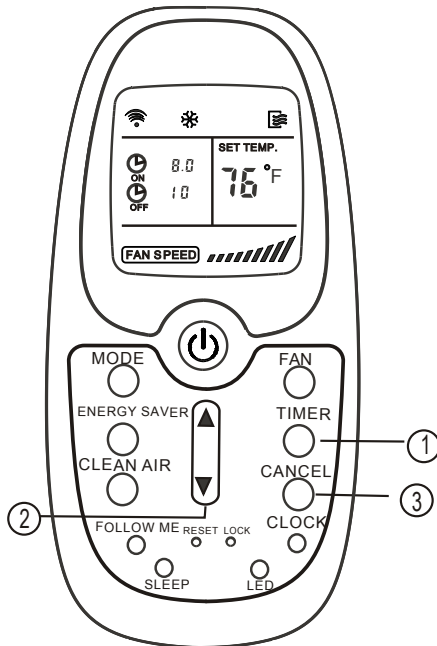
Indicators on remote controller



Note:

All displays on the remote controller are shown for illustration purposes only.

Timer operation



1. **TIMER** button

- Press the **TIMER** button, the remote displays '0.0' alongside either the **TIMER ON** or **TIMER OFF** indicator, and will flash.

2. **TEMP/TIME** button

Press to set the desired time.

▲ Forward

▼ Backward

- Press or hold the forward or backward button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours.

- The selected time will register 3 seconds after setting.

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

Canceling

4. **Cancel button(CANCEL)**

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

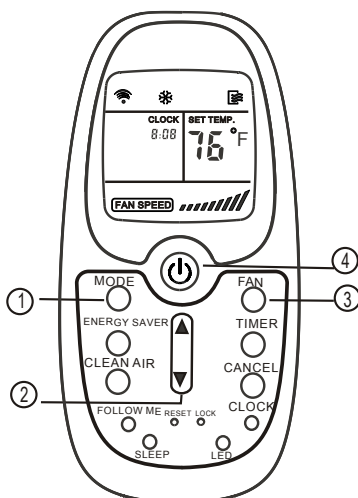
Changing

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.

Cooling/Heating/Fan only operation



Start

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

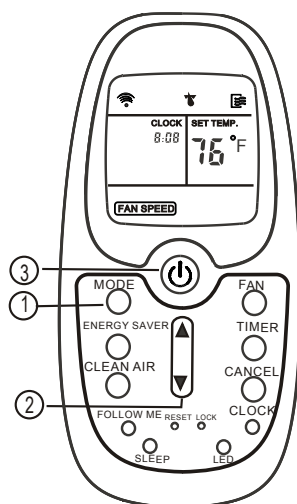
1. Mode select button (MODE)
Press to select COOL, HEAT (Not applicable to cooling only models), or FAN ONLY
2. TEMP/TIME button
Set the desired temperature, the most comfortable temperature is between 21°C /70°F to 28°C /82°F.
3. Fan speed button (FAN SPEED)
Press to select "AUTO" "LOW", "MED" and "HIGH"
4. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.
The FAN ONLY mode does not control temperature.
Therefore, perform only steps 1,3, and 4 to select this mode.

DRYING OPERATION



Start

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

1. Mode select button (MODE)
Press to select DRY.
2. TEMP/TIME button
Push the "TEMP/TIME" button to set the desired temperature from 21°C/70°F to 28°C/82°F.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

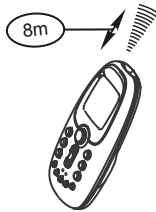
Stop

ON/OFF button

Push this button again to stop the air conditioner.

Note: The fan speed cannot be adjusted when the unit is in AUTO and DRY mode.

Handling the remote controller



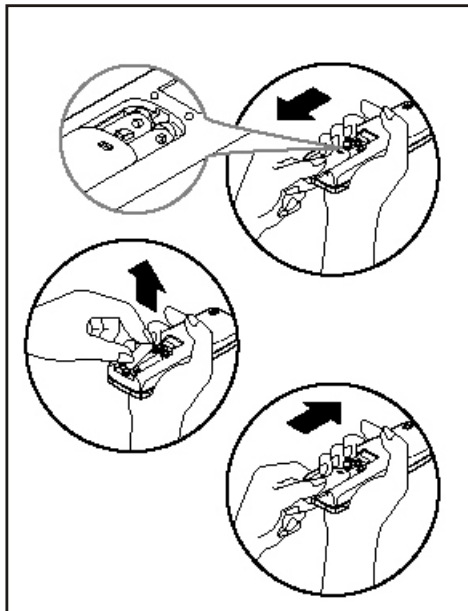
Location of the remote controller.

- Keep the remote controller where its signals can reach the receiver of the unit (a distance of 25 ft. is allowed).
- 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.



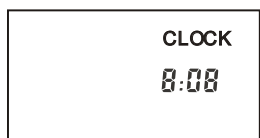
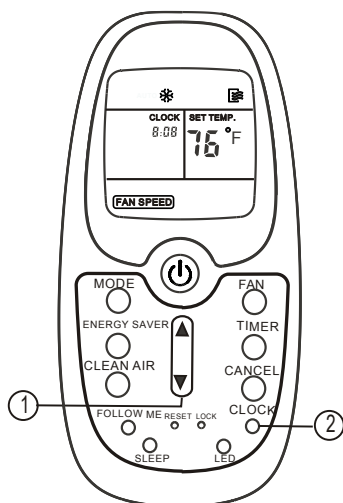
Replacing batteries

The remote controller uses two dry batteries (R03/LR03X2)

- (1) Slide the cover of the battery compartment off according to the arrow direction, then replace the old batteries with new ones.
- (2) Insert the new batteries making sure that the (+) and (-) of battery are installed correctly.
- (3) Reattach the cover by sliding it back into position.

After replacing batteries, set the remote controller clock.

Setting the clock



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 or the Clock

After batteries are inserted in the remote controller, the clock panel will display "12:00". Press and hold the CLOCK button for 3nds, the time will begin to flash.

1. TEMP/TIME adjust button

▪ Press this button 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 5 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 clock display time will start to flash.

To set the new time, follow 1 and 2 of "Initial Setting of the Clock".

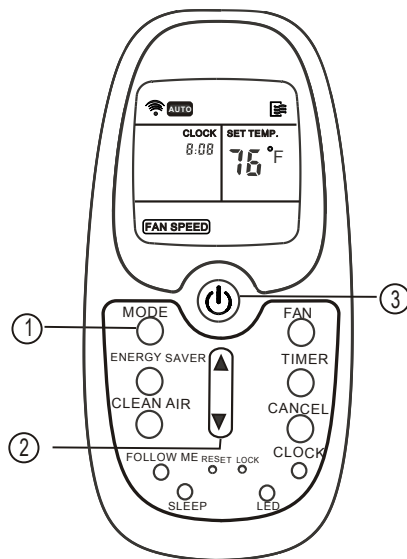
Note: The time of the CLOCK must be set before the AUTO-TIMER feature will operate. If you readjust the time of the CLOCK after setting the AUTO-ON/OFF timer, the remote controller will send the readjusted timer information to the unit.

* Clock accuracy is within 15 seconds per day.

CAUTIONS

Static electricity or other factors (in case of extremely high voltage) can cause remote controller clock initialize. If your remote controller is initialized (flashing "12:00"), readjust the clock before you start operation.

Automatic operation



When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling only type without), or fan only operation depending on what temperature you have selected, and the room temperature.

Once you select the operating mode, the operating conditions are saved in the unit's microcomputer memory.

Thereafter, the air conditioner will start operating under these conditions when you simply push the ON/OFF button of the remote controller.

Start

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

1. Mode select button (MODE)
Press to select AUTO.
2. TEMP/TIME button
Set the desired temperature. Normally, set it between 21°C /70°F to 28°C /82°F.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.

If the AUTO mode is uncomfortable, you can select the desired conditions manually. When you select the AUTO mode, you do not have to set the fan speed. The fan speed will be automatically controlled.

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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1900 Wellworth Ave., Jackson, MI 49203 • Ph. 517-787-2100 • www.marsdelivers.com

