Remote Control User Manual

MRCOOL™
COMFORT MADE SIMPLE

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DIY Series

The design and specifications are subject to change without prior notice. Consult with the sales agency or manufacturer for details.

Please keep this manual where the operator can easily find it. Inside you will find helpful hints on how to use and maintain your unit properly.

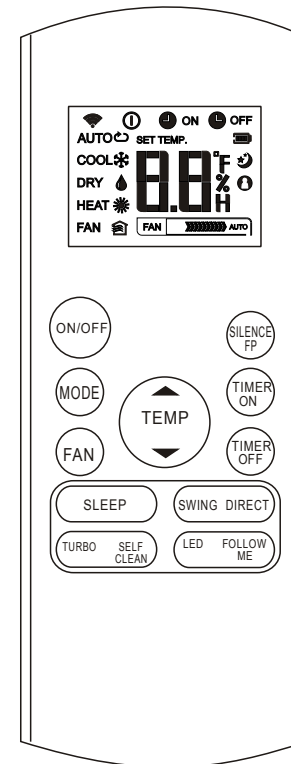For more details visit www.MrCool.com

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CONTENTS

Model	R 57A6/BGEFU1
Rated Voltage	3.0V (Dry Batteries R03/LR03 x 2)
Signal Receiving	8m (26.25 ft.)
Environment	23°F~140°F
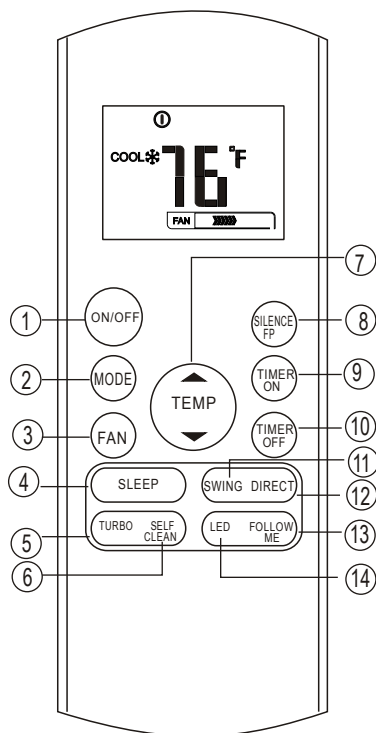
❶ ON/OFF Button

This button turns the air conditioner ON and OFF.

❷ MODE Button

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

AUTO → COOL → DRY → HEAT → FAN

❸ FAN Button

Used to select the fan speed in four steps:

AUTO → LOW → MED → HIGH

NOTE: You can not switch the fan speed in AUTO or DRY mode.

❹ 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.

❺ 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.
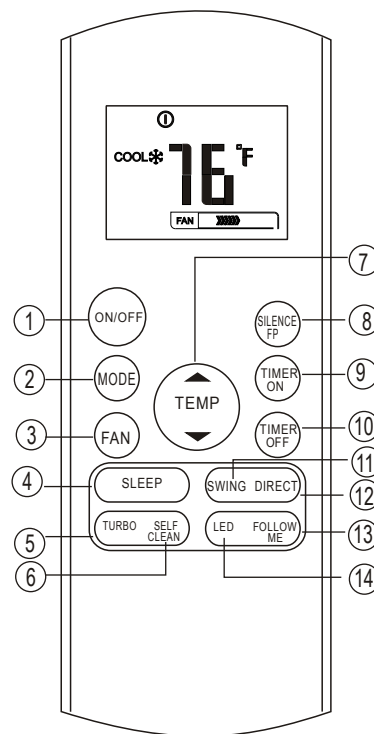
❻ SELF CLEAN Button

Active/Disable Self Clean function. Under SELF CLEAN mode, the air conditioner will automatically clean and dry the Evaporator and keep it as fresh for the next operation.

❼ 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 contol 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 $^{\circ}$C & $^{\circ}$F scale.

❽   SILENCE/FP Button

● Active/Disable SILENCE function. If pushing more than 2 seconds, the 'FP' function will be activated, pushing more than 2 seconds again to disable.

● When the Silence function is activated, the compressor will operate at low frequency and the indoor unit will bring faint breeze, which will reduce the noise to the lowest level and creat a quiet and comfortable room for you. Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity.

● The 'FP' function can only be activated during the heating operation (only when the setting mode is HEAT). The unit will operate at a setting temperature of 46°F.The display window of indoor unit will display 'FP'. Press the buttons of ON/OFF, SLEEP, FP, MODE, FAN SPEED,UP or DOWN while operating will cancel the 'FP' function.
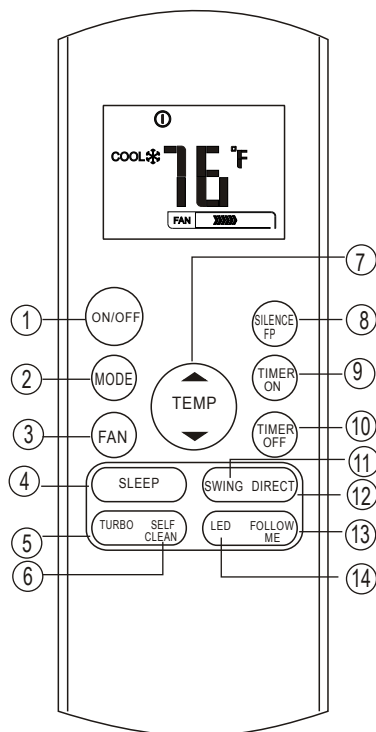
❾ TIMER ON Button

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 auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-on time to 0.0.

⑩ 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 auto-timed program, simply adjust the auto-off time to 0.0

⑪ SWING Button

Used to stop or start horizontal louver auto swing feature.

⑫ 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.

⑬ FOLLOW ME Button

Push this button to initiate the Follow Me feature, the remote will display the actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes until 'Follow Me' is pressed again. The air conditioner will cancel the Follow Me feature automatically if it does not receive the signal during any 7 minute interval.

⑭ LED Button

Disable / Enable indoor screen display. When pressed, the indoor screen display is cleared, press it again to light the display.

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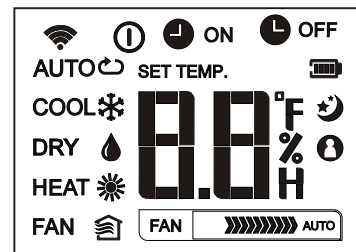
Mode display

AUTO ↻   COOL ❄   DRY 💧

HEAT ☀   FAN 🏠

|	
📶	Displayed when data transmitted.
⏻	Displayed when remote controller is ON.
🔋	Battery display(low battery detection)
🕐 ON	Displayed when TIMER ON time is set.
🕐 OFF	Displayed when TIMER OFF time is set.
8.8	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

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.
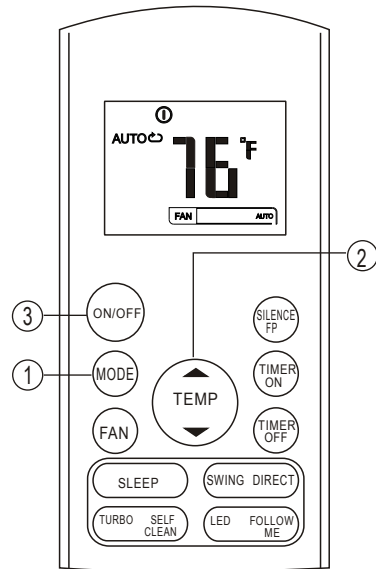
Auto operation

Ensure the unit is plugged in and power is on. 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 $62^{o}F \sim 86^{o}F$ in $1^{o}F$ increments.

NOTE

1. In the Auto mode, the air conditioner can logically choose the mode 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 will be automatically controlled.

3. To deactivate Auto mode, the desired mode can be selected manually.

Cooling |Heating|Fan operation

Ensure the unit is plugged in and power is on.

1. Press the button to select COOL, **MODE** HEAT or FAN mode.

2. Press the **UP/DOWN** buttons to set the desired temperature. The temperature can be set within a range of $62^{o}F \sim 86^{o}F$ in $1^{o}F$ increments.

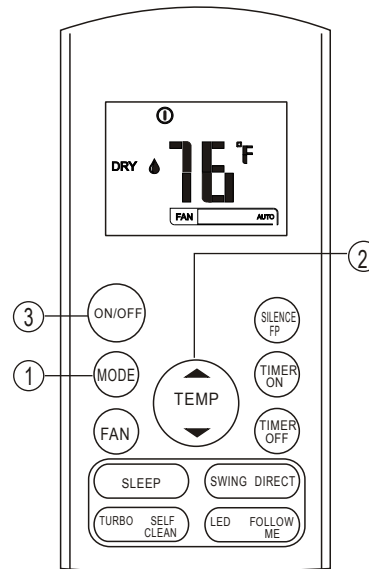3. Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.

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 and 3 may be performed.

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Dehumidifying operation

Ensure the unit is plugged in and power is on. 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 $62^{o}F \sim 86^{o}F$ in $1^{o}F$ increments.

NOTE
In the Dehumidifying mode, you can not switch the fan speed. It will be automatically controlled.

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Timer operation

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

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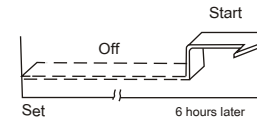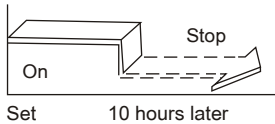
TIMER ON
(Auto-on Operation)
The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

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 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 controller.
3. Wait 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)
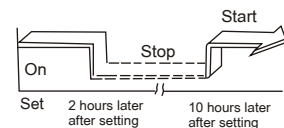
TIMER OFF → TIMER ON
(On → Stop → Start operation)
This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.
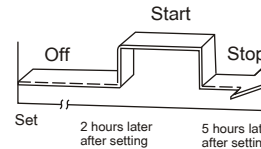
Example:

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 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 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.
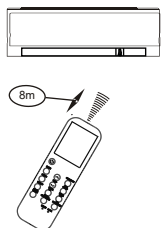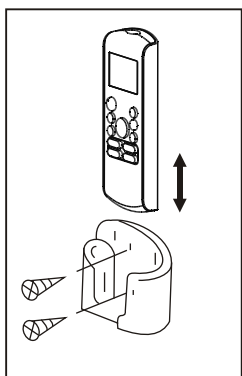
Location of the remote controller.

● Use the remote control within a distance of 8m(26.25 ft.) from the appliance, pointing it towards thereceiver. 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

● The remote control can be attached to a wall or pillar by using a remote control holder
● Before installing the remote control, check that the air conditioner receives the signals properly.
● 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 powed by two dry batteries (R03/LR03X2) housed in the back rear part and protected by a cover.
(1) Remove the cover in the rear part of the remote control.
(2) Remove the old batteries and insert the new batteries, placing the (+) and (-) ends correctly.
(3) Install the cover back on.
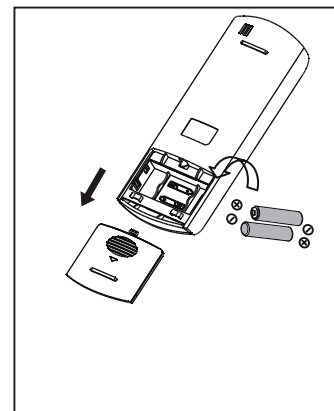
NOTE: When the batteries are removed, the remote control erases all programming. After inserting new batteries, the remote control must be reprogrammed.

⚠ CAUTIONS

● Do not mix old and new batteries or batteries of different types.
● Do not leave the batteries in the remote 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.