

AIR CONDITIONER
REMOTE CONTROLLER ILLUSTRATION



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

For Further Details, please go to: www.highseer.com

16117000A09623

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.

▲ 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

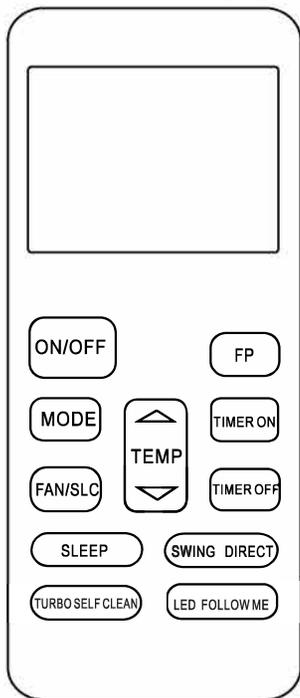
- Do not mix old and new batteries or batteries of different types.
- Do not leave the batteries in the remote controller if they are not going to be used for 2 or 3 months.
- Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Remote Controller Specifications

Model	RG52F3/BGEFU1.
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	23°F~140°F

Performance Feature

1. Operating Mode: AUTO, COOL, DRY, HEAT(enabled on cooling& heating models only) and FAN.
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 62°F~86°F.
4. Full function of LCD (Liquid Crystal Display).

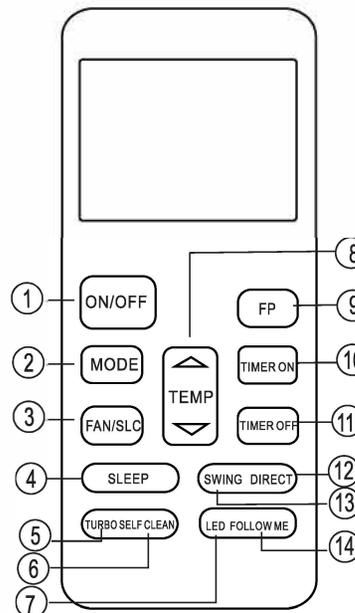


NOTE:

- Buttons design might be slightly different from the actual one you purchased depending on individual models.
- All the functions described are accomplished by the indoor unit. If the indoor unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.

3

Function buttons



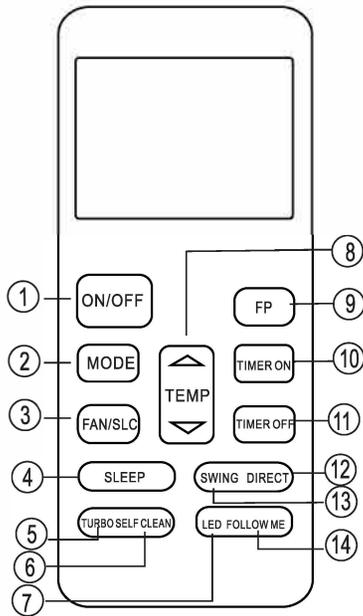
1. **ON/OFF Button**
Operation starts when this button is pressed and stops when this button is pressed again.
2. **MODE Button**
Each time the button is pressed, the operation mode is selected in a sequence of the following:

AUTO	COOL	DRY	HEAT	FAN
------	------	-----	------	-----

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/SLC Button**
 - Used to select the fan speed in four steps:

AUTO	LOW	MED	HIGH
------	-----	-----	------
 - If pushing more than 2 seconds, the Silence 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 create a quiet and comfortable room for you. Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity.
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 details, please 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. **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.)

4



6 SELF CLEAN Button

Active/Disable Self Clean function. Airborne bacteria can grow in the moisture that condenses around heat exchangers in the unit. With regular use, most of this moisture is evaporated from the unit. By pressing the SELF CLEAN button, your unit will clean itself automatically. The cleaning cycle takes 30 minutes, after which the unit will turn off automatically. Pressing the SELF CLEAN button mid-cycle will cancel the operation and turn off the unit. You can use SELF CLEAN as often as you like. **NOTE:** You can only activate this function in COOL or DRY mode.

7 LED Button

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

8 UP Button(▲)

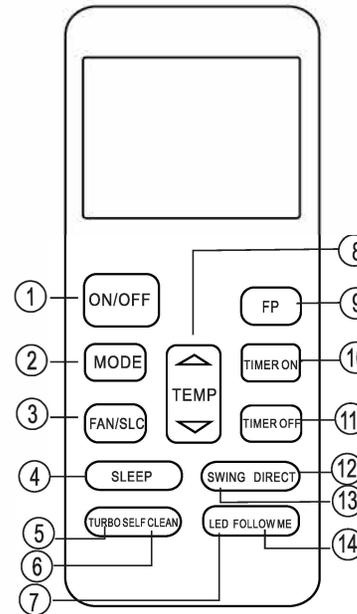
Push this button to increase the indoor temperature setting in 1°F increments to 86°F.

DOWN Button(▼)

Push this button to decrease the indoor temperature setting in 1°F increments to 62°F. **NOTE:** Press and hold "▲" and "▼" buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

9 FP Button

- Active/Disable freeze protection function. Push this button during the heating operation (only when the setting mode is HEAT), the freeze protection function is activated. The unit will operate at high fan speed with the temperature automatically set to 46°F. The display window of indoor unit will display 'FP'. For the unit without display area, the Defrost indicator light will be keeping on for 2 seconds,



and then be off for 2 seconds by turns. Press ON/OFF, SLEEP, FP, MODE, FAN SPEED, UP, DOWN button while operating will cancel the freeze protection function.

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, 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.

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, 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

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 SWING Button

Used to stop or start horizontal louver auto swing feature.

14 FOLLOW ME Button:

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 minute interval.

NOTE:

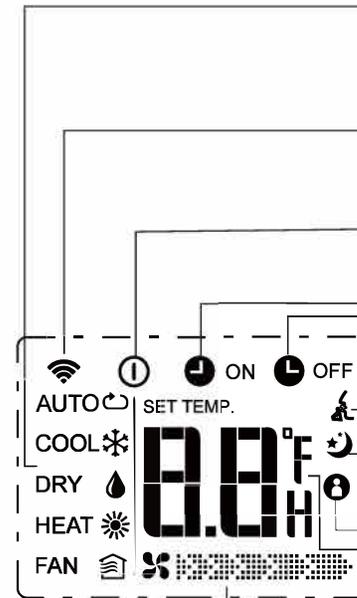
The device could comply with the local national regulations.

- 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.

Indicators on LCD



Mode display

Displays the current operation mode. Including auto(↻), cool(❄), dry(💧), heat(☀) (be applicable to cooling & heating models only), fan(🌀) and back to auto(↻).

Transmission Indicator

This transmission indicator lights when remote controller transmits signals to the indoor unit.

ON/OFF display

Displayed by pressing the ON/OFF button. Press the ON/OFF button again to remove.

TIMER ON display

Displayed when TIMER ON time is set.

TIMER OFF display

Displayed when TIMER OFF time is set.

SILENCE display

Not applicable to this unit.

Sleep Display

Displayed under sleeping operation. Press the SLEEP button again to remove.

FOLLOW ME Display

Displayed when FOLLOW ME function is activated.

Temp./Timer display

Displays the temperature setting(62°F~86°F). When you set the operating mode to FAN, no temperature setting is displayed. And if in the TIMER mode, shows the ON and OFF settings of the TIMER.

Fan speed display

Displays the selected fan speed, AUTO(no display) and three fan speed levels "❄" (LOW) "❄❄❄" (MED) "❄❄❄❄❄" (HIGH) can be indicated. The fan speed is AUTO when the operating mode is either AUTO or DRY.

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.

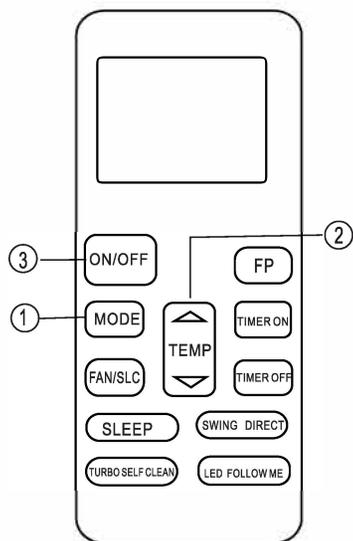
How to use the buttons

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** 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

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.

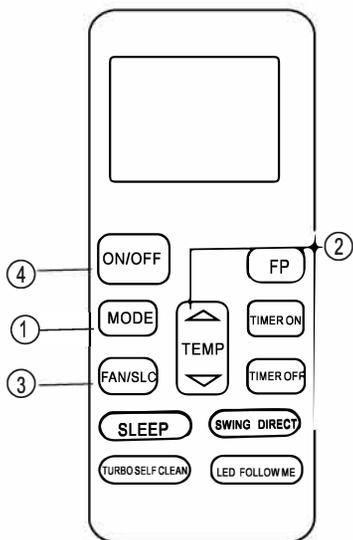


Cooling /Heating/Fan operation

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

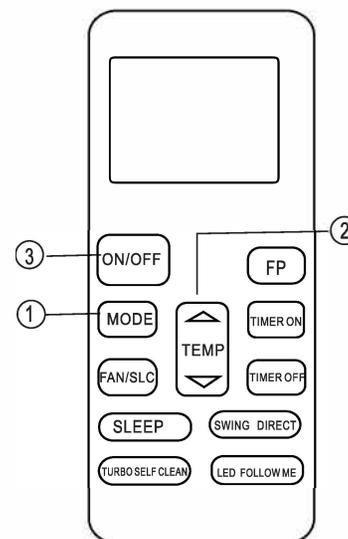


Dehumidifying operation

- 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 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 has already been automatically controlled.



Adjusting air flow direction

Use the **SWING** and **SWING** buttons to adjust the desired airflow direction.

1. When push the **SWING** button, the horizontal louver changes 6 degree in angle for each push. If pushing more than 2 seconds, the louver will automatically swing up and down.
2. When push the **SWING** button, the vertical louver changes 6 degree in angle for each push. If pushing more than 2 seconds, the louver will automatically swing left and right.

NOTE: When the horizontal/vertical 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

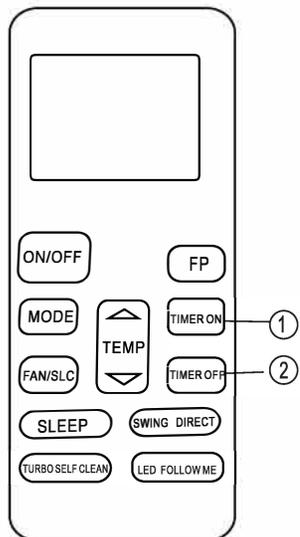
Press the TIMER ON button can set the auto-on time of the unit. Press the TIMER OFF button can set the auto-off time of the unit.

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.

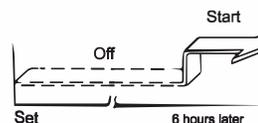
1. Press the TIMER OFF button. The remote controller shows TIMER OFF, the last Auto-off setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to stop the operation.
2. Push the TIMER OFF button again to set desired Auto-off time. Each time you 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

- 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



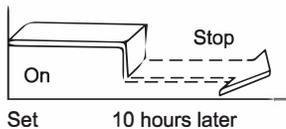
TIMER ON (Auto-on Operation)

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.



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 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)

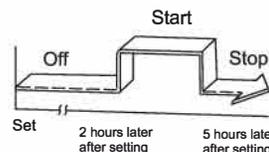
TIMER OFF → TIMER ON
(On → Stop → Start operation)

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 OFF" indicator remains on and this function is activated.

NOTE: The timer setting(TIMER ON or TIMER OFF) that in sequence occurs directly after the set time will be activated first.