

1.3 R51

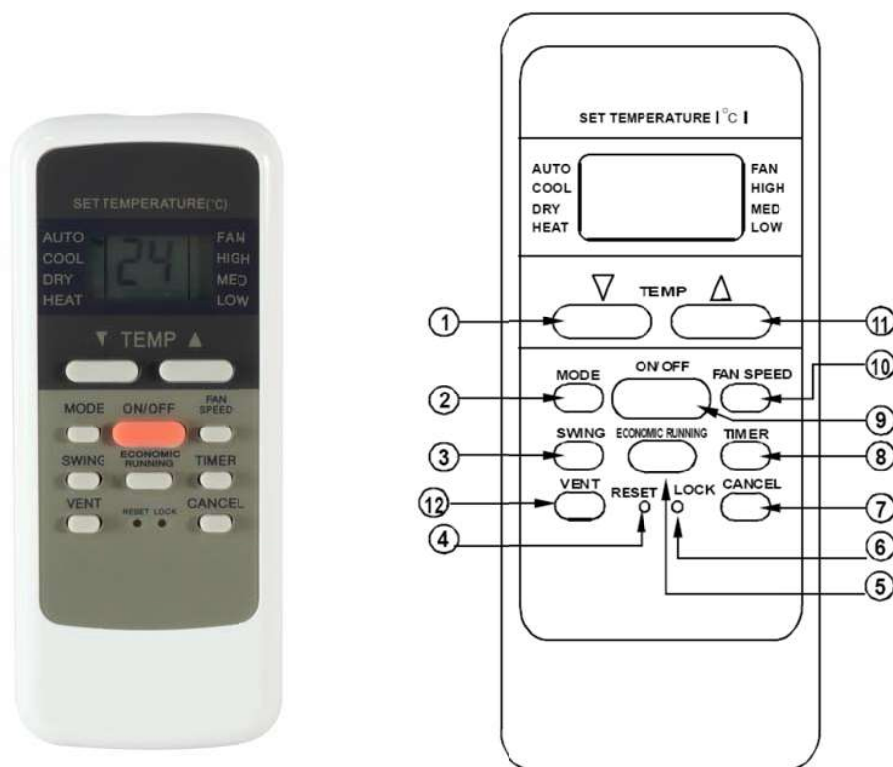
Remote controller specifications

Model	R51/E,R51D/E,R51I4/BGE
Rated Voltage	3.0 V
Lowest Voltage	2.0 V
Reaching Distance	8m~11m
Operation Condition	-5°C~+60°C

Performance features

1. Operating mode: cool, heat, dry, fan only and auto.
2. Timer setting function in 24 hours.
3. Indoor setting temperature range: 17°C ~30°C.
4. LCD (Liquid Crystal Display) of all functions.
5. Night light function (Optional)

1.3.1 Parts name



Notes:

This illustration is for explanation purposes only. The actual shape or button names of the remote controller may be slightly different.

(1) TEMP DOWN button

Press the TEMP DOWN button will decrease the indoor temperature setting or adjust the timer in a counter-clockwise direction.

(2) Mode select button

Each time you press this button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN as the following figure indicates:



Notes: No heating mode for cool only type unit.

(3) Swing button

Press swing button to change the louver angle.

(4) Reset button

When press RESET button, all of the current settings are cancelled and the control will return to the initial settings.

(5) Economic running button

Press this button will go into the Energy-Saving operation mode. (Only available when remote controller is used with corresponding unit.)

(6) Lock button

Press this button will lock in all the current settings. To release settings, press it again.

(7) Cancel button

Press this button can cancel the TIMER settings.

(8) Timer button

This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation).

(9) ON/OFF button

Press this button can start the unit operation. Press the button again will stop the unit operation.

(10) Fan speed button

This button is used for setting fan speed in the sequence that goes from AUTO, LOW, MED to HIGH, and then back to Auto.

(11) Temp UP button

Press this button can increase the indoor temperature setting or adjust the timer in a counter-clockwise direction.

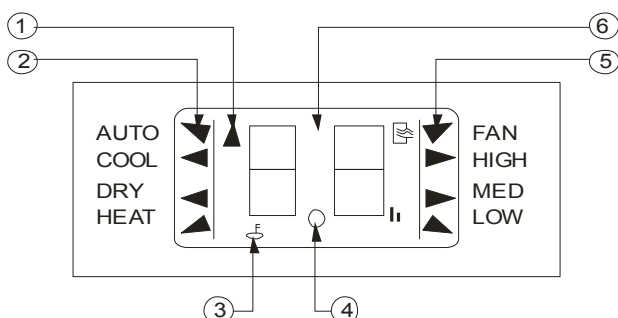
(12) Vent button

Press this button can set the ventilating mode. The ventilating mode will operate in the following sequence:



Ventilation Function is available for the Fresh Star Series.

1.3.2 LCD display



- ① **Transmitting display:** When remote controller transmits signals to indoor unit, this indicator will light.
 - ② **Mode display:** Show the current operation modes-- AUTO, COOL, DRY and HEAT. HEAT is only available for heat pump model.
 - ③ **Lock display:** To displayed by pressing the LOCK button. Press the LOCK button again will clear display.
 - ④ **Timer display:** This display area shows the settings of TIMER.
- That is, if only the starting time of operation is set, it will display the TIMER ON. If only the turning off time of operation is set, it will display the TIMER OFF. If both operations are set, it will show TIMER ON and TIMER OFF which indicates you have chosen to set both the starting time and off time.
- ⑤ **Fan speed display:** When Press the FAN button, this indicator lights.
 - ⑥ **Digital display area:** This area will show the temperature, and if in the TIMER mode, will show the ON and OFF settings of the TIMER.

Notes:

All items are shown in the Fig-2 for the purpose of clear presentation but during the actual operation only the relative functional items are shown on the display panel.

1.3.3 Operating the remote controller

1) Install / Replace Batteries

The Remote Controller uses two alkaline dry batteries (R03/Lr03X2).

- ※ To install batteries, slide back the cover of the battery compartment and install the batteries according to the directions (+ and -) shown on the Remote Controller.
- ※ To replace the old batteries, use the same method as mentioned above.

Notes:

1. When replacing batteries do not use old batteries or a different type battery. This may cause the remote controller to malfunction.
2. If you do not use the remote controller for several weeks remove the batteries. Otherwise battery leakage may damage the remote controller.
3. The average battery life under normal use is about 6 months.
4. Replace the batteries when there is no answering beep from the indoor unit or if the Transmission Indicator light fails to appear.

2) Automatic Operation

When the air conditioner is ready for use, switch on the power and the OPERATION indicator lamp on the display panel of the indoor unit starts flashing.

- ※ Use the MODE select button to select AUTO. In the multi system, to avoid mode conflict, auto-mode is taken as cool mode.
- ※ Press the TEMP button to set the desired room temperature.
- ※ The most comfortable temperature settings are between 21°C and 28°C
- ※ Press the ON/OFF button to start the air conditioner. The OPERATION lamp on the display panel of the indoor unit will light. The operating mode of AUTO FAN SPEED is automatically set and there are no indicators shown on the display panel of the remote controller.
- ※ Press the ON/OFF button again to stop the unit operation.

Notes:

If the AUTO mode is not comfortable for you, the desired mode can be selected manually.

3) COOL, HEAT, and FAN ONLY Operation

- ※ If the AUTO mode is not comfortable, you may manually change the settings by using COOL, DRY, HEAT (HEAT PUMP units only), or FAN ONLY modes.
- ※ Press the TEMP button to set the desired room temperature.
- ※ When in COOLING mode, the most comfortable settings are 21°C or above. When in HEATING mode, the most comfortable settings are 28°C or below.
- ※ Press the FAN SPEED to select the FAN mode of AUTO, HIGH, MED or LOW.

- ※ Press the ON/OFF button. The operation lamp lights and the air conditioner start to operate per your settings. Press the ON/OFF button again to stop this unit operation.

Notes:

The FAN ONLY mode cannot be used to control the temperature. While in this mode, only steps 1, 3 and 4 may be performed.

4) DRY Operation

- ※ Press the MODE button to select DRY.
- ※ Press the TEMP button to set the desired temperature from 21°C to 28°C.
- ※ Press the ON/OFF button. The operation lamp lights and the air conditioner start to operate in the DRY mode. Press the ON/OFF button again to stop this unit operation.

Notes: Due to the difference of the set temperature of the unit and the actual indoor temperature, the Air Conditioner when in DRY mode will automatically operate many times without running the Cool and Fan mode.

5) TIMER Operation

Press TIMER button to set the unit what time turn on or off.

a. To set the STARTING time.

- ※ Press the CANCEL button to cancel any former settings.
- ※ Press the TIMER button. The remote controller will show the TIMER and the signal “h” is shown on the display panel. The control is now ready to reset the TIMER ON to start the operation.
- ※ Press the TEMP button (▲ or ▼) to set desired unit START time.
- ※ After setting the TIMER there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the set temperature will re-appear on the digital display.

b. To set the STOPPING time.

- ※ Press the CANCEL button to cancel any former settings.
- ※ Press the TIMER button and the remote controller will show the last set time for the START operation and the signal “h” will be shown on the display panel. You are now ready to readjust the TIMER OFF to stop the operation.
- ※ Press the TEMP button to cancel the TIMER ON setting. The digital area will show "00".
- ※ Press the TIMER button and the remote controller will show the last set time for the STOP operation and the signal “h” will be shown on the display panel. You are now ready to reset the time of the STOP operation.
- ※ Press the TEMP button (▲ or ▼) to set the time you want to stop the operation.
- ※ After setting the TIMER there will be a one-half second delay before the remote controller transmits the signals to the air conditioner. Then after approximately another 2 seconds, the set temperature will re-appear on the digital display.

c. Set the STARTING & STOPPING time

- ※ Press the CANCEL button to cancel any former settings.
- ※ Press the TIMER button and the remote controller will show the last set time for START operation and the signal “h” will be shown on the display panel. You are now ready to readjust the TIMER ON to start the operation.
- ※ Press the TEMP button (▲ or ▼) to set the time you want to start the operation.
- ※ Press the TIMER button and the remote controller will show the last set time for STOP operation and the signal “h” will be shown on the display panel. You are now ready to reset the time of the STOP operation.
- ※ Press the TEMP button (▲ or ▼) to set the time you want to stop the operation.
- ※ After setting the TIMER there will be a one-half second delay before the remote controller transmits the signal to the Air Conditioner. Then, after approximately another 2 seconds, the set temperature will re-appear on the digital display.

Notes:

1. Please reset the TIMER after cancelling the former time settings.
2. The setting time is relative time. That is the time set is based on the delay of the current time.

Warning

1. Be sure there are no barriers between the remote controller and the receiver of indoor unit otherwise the air conditioner will not work.
2. Keep the remote controller away from all liquids.
3. Protect the remote controller from high temperatures and exposure to radiation.
4. Keep the indoor receiver out of direct sunlight or the Air Conditioner may malfunction.
5. Keep controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.