

- Thank you for purchasing this ecox product.
- Before using this unit, please read this owner's manual and retain it for future reference.

EDFM

inverter



**REMOTE CONTROL**  
**Mini Split Inverter**

EDFM

**ecoxline**

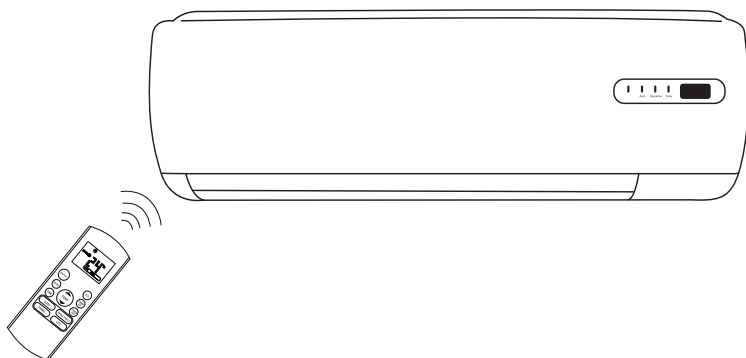
YouTube f @

[www.ecoxline.com](http://www.ecoxline.com)

## CONTENTS

- 3** HANDLING THE REMOTE CONTROL
- 5** REMOTE CONTROL SPECIFICATIONS
- 6** FUNCTION BUTTONS
- 9** INDICATORS ON LCD
- 10** HOW TO USE THE BUTTONS
- 10** AUTO OPERATION
- 10** COOLING/HEATING/FAN OPERATION
- 11** DEHUMIDIFYING OPERATION
- 12** TIMER OPERATION
- 13** EXAMPLE OF TIMER SETTING

## HANDLING THE REMOTE CONTROL



## LOCATION OF THE REMOTE CONTROL

Use the remote control within a distance of 8 meters / 26 feet from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.

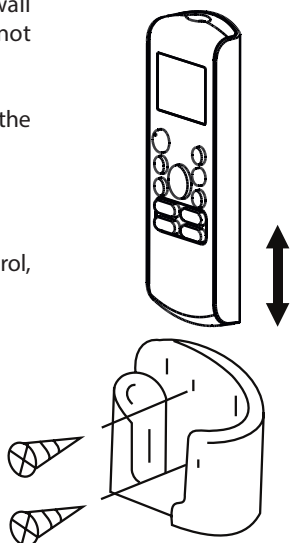


### CAUTIONS

- *The air conditioner will not operate if curtains, doors or the materials block the signal 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 units 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(OPTIONAL)

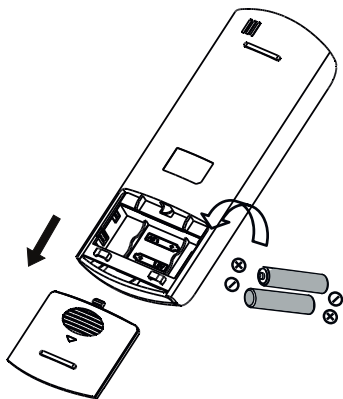
- The remote control can be attached to a wall or pillar by using a remote control holder(not supplied, purchased separately).
- Before installing the remote control, check that the air conditioner receives the signals properly.
- Install the remote control with two screws.
- For installing or removing the remote control, move it up or down in the holder.



## REPLACING BATTERIES

The following may occur when the batteries have ran out of charge. Replace old batteries with new ones.

- Receiving beep is not emitted when a signal is transmitted.
- Indicator fades away.



The remote control is powered by two dry batteries (AAA) 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 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 a different type.*
- *Do not leave the batteries in the remote control if it is not going to be used for 2 or 3 months.*
- *Dispose of the old batteries in the special containers.*

## REMOTE CONTROL SPECIFICATIONS

MODEL	RG57A7/BGEF, RG57B1/BGE
Rated Voltage	3.0V (Dry batteries (AAA))
Lowest Voltage of CPU Emitting Signal	2.0V
Signal Receiving Range	8m (when using 3.0 voltage, it Gets 11m)
Ambient	-5°C~60°C (23°F~140°F)
Temperature Rating	Celsius *Fahrenheit in some models

## PERFORMANCE FEATURE

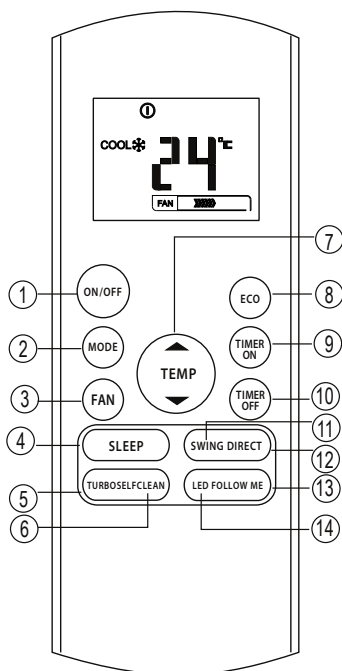
- 1 Operating Mode: AUTO, COOL, DRY, HEAT (for applicable models) and FAN.
- 2 Timer Setting Function in 24 hours.
- 3 Indoor Setting Temperature Range 17°C~30°C (63°F~86°F).
- 4 Full function of LCD (Liquid Crystal Display).



## 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 does not have a feature, there is no corresponding operation when pressing the button on the remote control.*

## FUNCTION BUTTONS



RG57A7/BGEF

### 1 ON/OFF Button

This button turns the air conditioner ON and OFF.

### 2 MODE Button

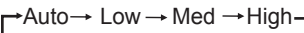
Press this button to modify the air conditioner mode in a sequence of following:



**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 Button

Used to select the fan speed in four steps:



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

### 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 more details, see sleep operation in USER'S MANUAL.

**NOTE:** While the unit is running under SLEEP mode, it would be cancelled if MODE, FAN or ON/OFF button is pressed.

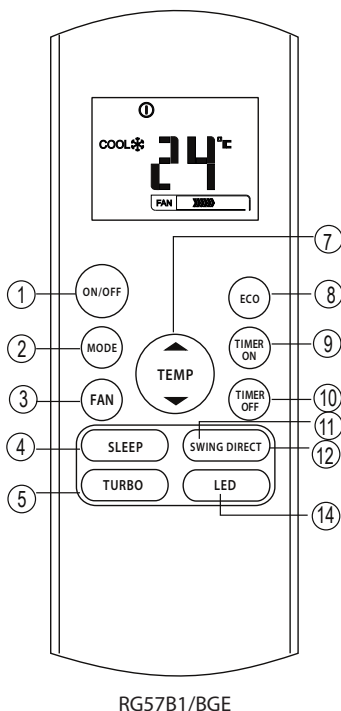
### 5 TURBO Button

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 when pressing this button.)

### 6 SELF CLEAN Button (applicable to RG57A7/BGEF)

Active/Disable Self Clean function

## FUNCTION BUTTONS



### 7 UP Button (▲)

Push this button to increase the indoor temperature setting in 1°C increments up to 30°C. (1°F increments up to 86°F).

### DOWN Button (▼)

Push this button to decrease the indoor temperature setting in 1°C increments up to 30°C. (1°F increments up to 86°F).

**NOTE:** Temperature control is not available in Fan mode.

**NOTE:** Press and hold UP and DOWN buttons simultaneously for 3 seconds will alternate the temperature display between °C and °F scales. \*Only available for certain models.

### 8 ECO Button

Used to enter the energy efficient mode. Under cooling mode, press this button, the remote controller will adjust the temperature automatically to 24°C (75°F), fan speed to Auto to save energy (but only if the set temperature is less than 24°C (75°F)). If the set temperature is between 24°C (75°F) and 30°C (86°F), press the ECO button, the fan speed will change to Auto, the set temperature will remain unchanged.

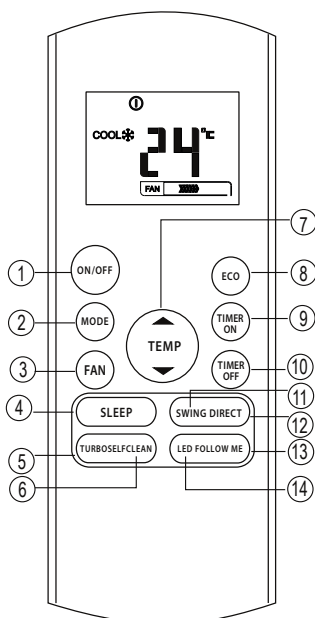
#### NOTE:

- Pressing the TURBO and SLEEP button, modifying the mode or adjusting the set temperature to less than 24°C (75°F) will stop ECO operation.
- Under ECO operation, the set temperature should be 24°C (75°F) or more. If this set temperature is uncomfortable, just press the ECO button again to stop it.

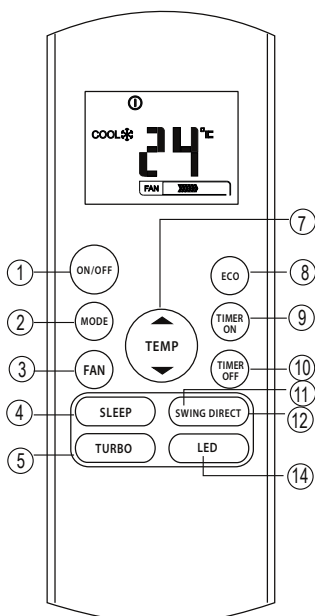
### 9 TIMER ON Button

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

## FUNCTION BUTTONS



RG57A7/BGEF



RG57B1/BGE

### 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 autotimed 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 (applicable to RG57A7/BGEF)

Push this button to initiate the Follow Me feature, the remote control will sense the actual temperature at its location. The remote control will send this signal to the indoor unit every 3 minutes until the Follow Me button is pressed again. The function will cancel if no signal is received during a 7 minute interval.

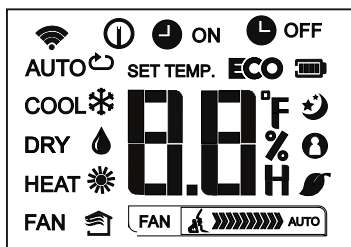
### 14 LED Button

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



## INDICATORS ON LCD

Information is displayed when the remote control 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).
- Displayed when the ECO function is ON.
- ON Displayed when TIMER ON time is set.
- OFF Displayed when TIMER OFF time is set.
- 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.

Not available for this unit.

Not available for this unit.

### Fan speed indication

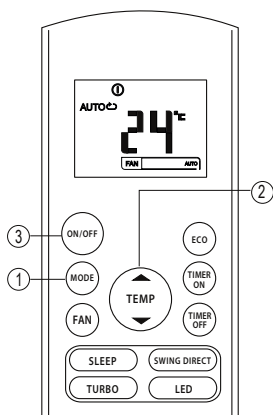
- FAN Low speed
- FAN Medium speed
- FAN High speed
- FAN AUTO Auto fan speed

### 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 available. The **OPERATION** indicator on the display panel of the indoor unit illuminates.



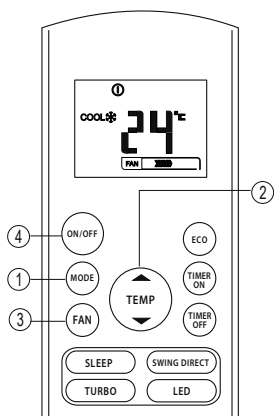
- 1 Press the **MODE** button to select Auto.
- 2 Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17°C ~ 30°C (63°F ~ 86°F) in 1° increments.
- 3 Press the **ON/OFF** button to start the air conditioner.

### 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 set temperature on the remote control.
- 2 In the Auto mode, you can not switch the fan speed. It will be automatically controlled by the unit.
- 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** button to set the desired temperature. The temperature can be set within a range 17°C ~ 30°C (63°F ~ 86°F) in 1° increments.
- 3 Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.

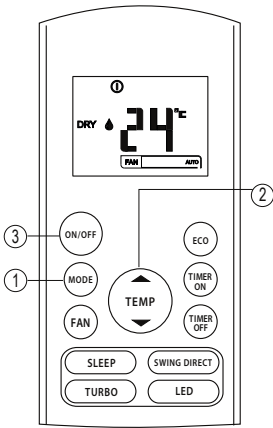
Press the **ON/OFF** button to start the air conditioner.

### 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, 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.



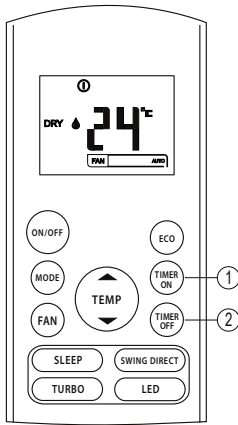
- 1 Press the **MODE** button to select **DRY** mode.
- 2 Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17°C ~ 30°C (63°F ~ 86°F) in 1° increments.
- 3 Press the **ON/OFF** button to start the air conditioner.

### NOTE

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

## TIMER OPERATION

Press the TIMER ON button to set the auto-on time of the unit. And 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 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 in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
- 3** After setting the TIMER ON ,there will be a onehalf 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.

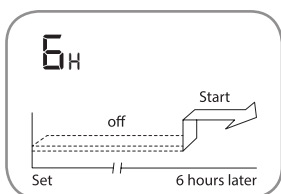
- 1** Press the TIMER OFF button. The remote control shows TIMER OFF, the last Auto-off setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to START the operation.
- 2** Push the TIMER OFF button again to set desired Auto-off time. Each time you press the button, the time increases in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
- 3** After setting the TIMER OFF ,there will be a one and a half 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 reappear on the LCD display window.



## CAUTIONS

- 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

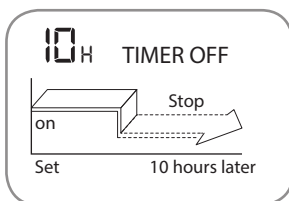
#### (Auto-on Operation)

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 for about 3 seconds and the digital display area will show the temperature again. Now 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.

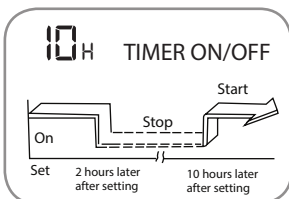
#### Example:

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 control.
- 3 Wait for about 3 seconds and the digital display area will show the temperature again. Now this function is activated.

### COMBINED TIMER

#### (Setting both ON and OFF timers simultaneously)



### TIMER OFF → TIMER ON

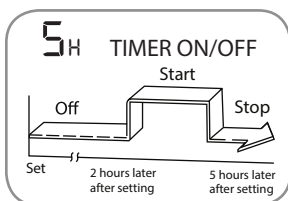
#### (On → Stop → Start operation)

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.



### **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

