

**Invest Living**  
Scandinavian heat pumps

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

**HEAT PUMP MSA Serie**  
**REMOTE CONTROLLER MANUAL**

Thank you very much for purchasing our air conditioner. Please read this owner's manual carefully before using your air conditioner. Make sure to save this manual for future reference.

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### Remote Controller Specifications

Model	RG66B7/BGEF
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C

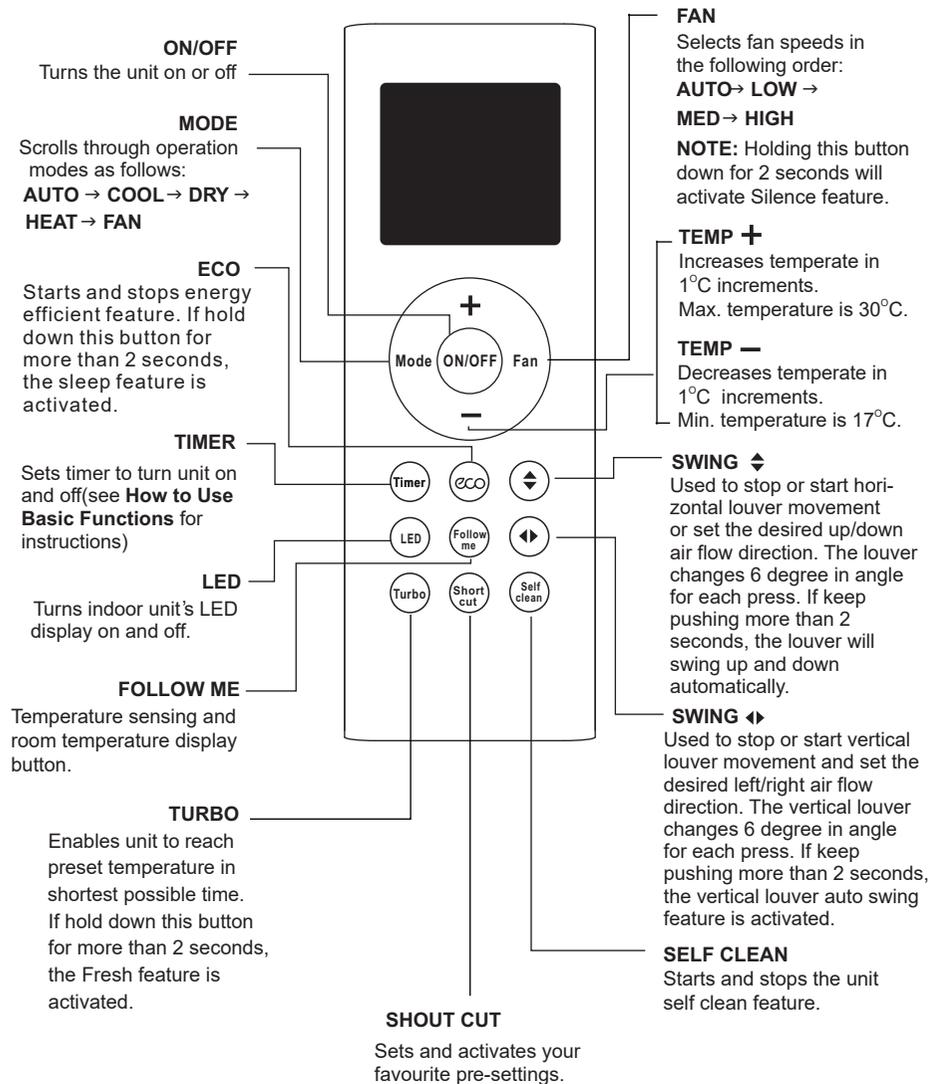
#### NOTE:

- 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 has no this feature, there is no corresponding operation happened when press 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 of "USER'S MANUAL" shall prevail.

## Function Buttons

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the **How to Use The Basic/Advance Functions** section of this manual.

**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.



## HANDLING THE REMOTE CONTROLLER

### NOT SURE WHAT A FUNCTION DOES?

Refer to the **How to Use Basic Functions** and **How to Use Advanced Functions** sections of this manual for a detailed description of how to use your air conditioner.

### SPECIAL NOTE

- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.

## INSERTING AND REPLACING BATTERIES

Your air conditioning unit comes with two AAA batteries. Put the batteries in the remote control before use:

1. Remove the back cover from the remote control, exposing the battery compartment.
2. Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
3. Install the back cover on.

## INSTALLING REMOTE CONTROL HOLDER

The remote controller can be attached to a wall or stand by using a remote controller holder (optional part, not supplied with the unit).

1. Before installing the remote controller, check that the air conditioner receives the signals properly.
2. Install the holder with two screws.
3. Put the remote controller in the holder.

## BATTERY NOTES

**For optimum product performance:**

- Do not mix old and new batteries, or batteries of different types.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

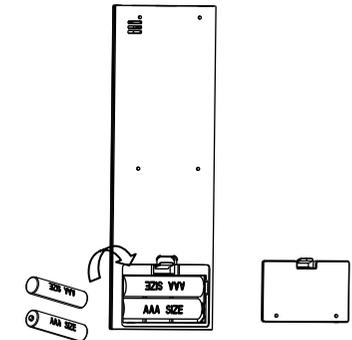


## BATTERY DISPOSAL

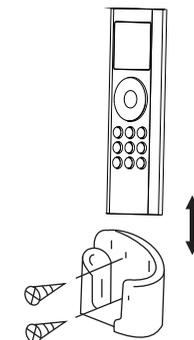
Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.

## TIPS FOR USING REMOTE CONTROL

- The remote control must be used within 8 meters of the unit.
- The unit will beep when remote signal is received.
- Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.
- Remove batteries if the remote control will not be used more than 2 months.



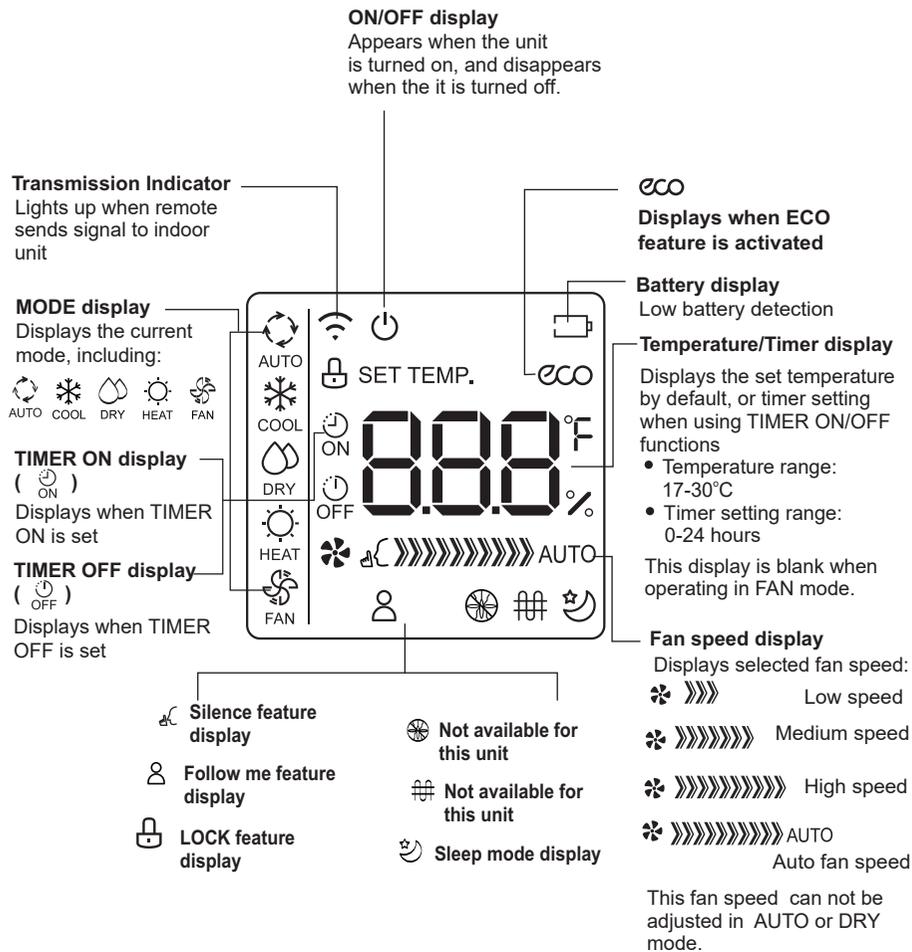
Remove the back cover to install batteries



Put the remote controller in the holder.

## Remote LCD Screen Indicators

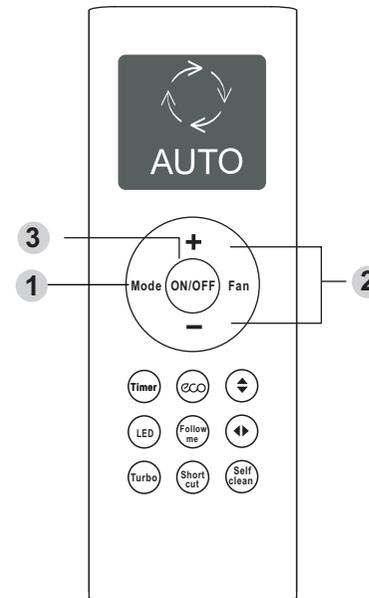
Information are displayed when the remote controller is powered up.



### 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 Basic Functions



### SETTING TEMPERATURE

The operating temperature range for units is 17-30°C. You can increase or decrease the set temperature in 1°C increments.

### AUTO operation

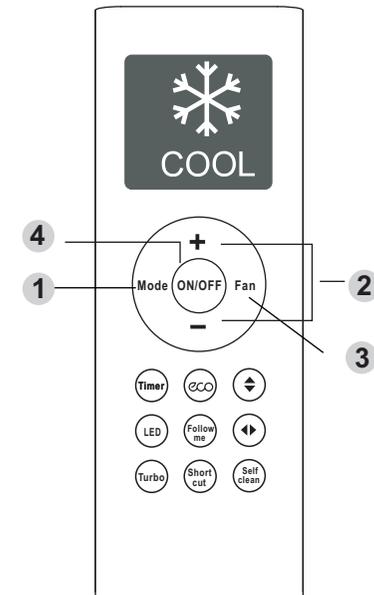
In AUTO mode, the unit will automatically select the COOL, FAN, HEAT or DRY mode based on the set temperature.

1. Press the **MODE** button to select Auto mode.
2. Set your desired temperature using the **Temp +** or **Temp -** button.
3. Press the **ON/OFF** button to start the unit.

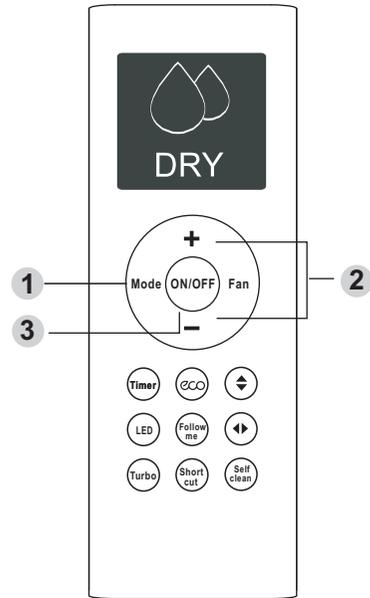
**NOTE: FAN SPEED** can't be set in Auto mode.

### COOL operation

1. Press the **MODE** button to select **COOL** mode.
2. Set your desired temperature using the **Temp +** or **Temp -** button.
3. Press the **FAN** button to select the fan speed.
4. Press the **ON/OFF** button to start the unit.



## How To Use The Basic Functions



### DRY operation(dehumidifying)

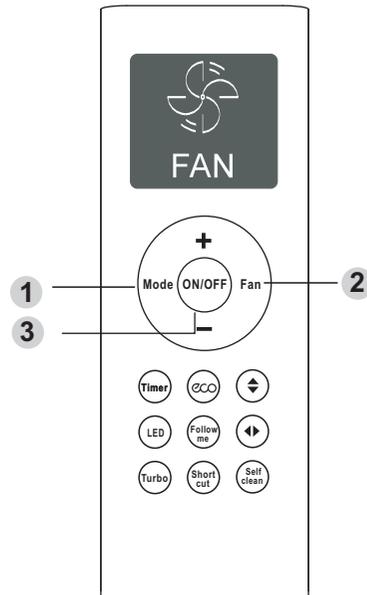
1. Press the **MODE** button to select **DRY** mode.
2. Set your desired temperature using the **Temp +** or **Temp -** button.
3. Press the **ON/OFF** button to start the unit.

**NOTE:** **FAN SPEED** can't be changed in DRY mode.

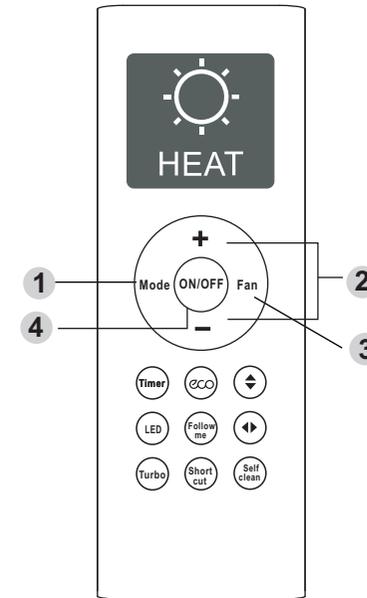
### FAN operation

1. Press the **MODE** button to select FAN mode.
2. Press the **FAN** button to select the fan speed.
3. Press the **ON/OFF** button to start the unit.

**NOTE:** You can't set temperature in FAN mode. As a result, your remote control's LCD screen will not display temperature.



## How To Use The Basic Functions



### HEAT operation

1. Press the **MODE** button to select **HEAT** mode.
2. Set your desired temperature using the **Temp +** or **Temp -** button.
3. Press the **FAN** button to select the fan speed.
4. Press the **ON/OFF** button to start the unit.

**NOTE:** As outdoor temperature drops, the performance of your unit's HEAT function may be affected. In such instances, we recommend using this air conditioner in conjunction with other heating appliance.

### Setting the TIMER function

Your air conditioning unit has two timer-related functions:

- **TIMER ON**- sets the amount of timer after which the unit will automatically turn on.
- **TIMER OFF**- sets the amount of time after which the unit will automatically turn off.

#### TIMER ON function

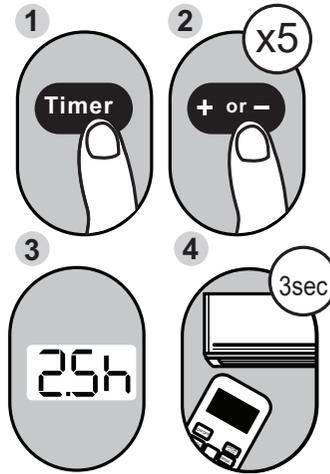
The **TIMER ON** function allows you to set a period of time after which the unit will automatically turn on, such as when you come home from work.

1. Press the **Timer** button, the Timer on indicator "ON" displays and flashes. By default, the last time period that you set and an "h" (indicating hours) will appear on the display.

**Note:** This number indicates the amount of time after the current time that you want the unit to turn on.

For example, if you set **TIMER ON** for 2.5 hours, " 2.5h " will appear on the screen, and the unit will turn on after 2.5 hours.

2. Press the Temp **+** or Temp **-** button repeatedly to set the time when you want the unit to turn on.
3. Wait 3 seconds, then the **TIMER ON** function will be activated. The digital display on your remote control will then return to the temperature display. The "ON" indicator remains on and this function is activated.



**Example:** Setting unit to turn on after 2.5 hours.

#### TIMER OFF function

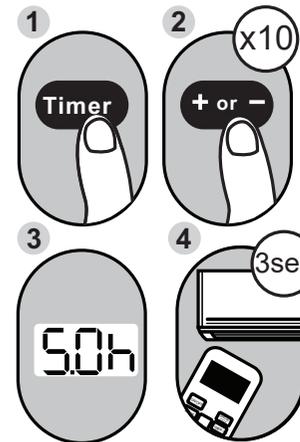
The **TIMER OFF** function allows you to set a period of time after which the unit will automatically turn off, such as when you wake up.

1. Press the **Timer** button, the Timer off indicator "OFF" displays and flashes. By default, the last time period that you set and an "h" (indicating hours) will appear on the display.

**Note:** This number indicates the amount of time after the current time that you want the unit to turn off.

For example, if you set **TIMER OFF** for 5 hours, " 5.0h " will appear on the screen, and the unit will turn off after 5 hours.

2. Press the Temp **+** or Temp **-** button repeatedly to set the time when you want the unit to turn off.
3. Wait 3 seconds, then the **TIMER OFF** function will be activated. The digital display on your remote control will then return to the temperature display. The "OFF" indicator remains on and this function is activated.



**Example:** Setting unit to turn off after 5 hours.

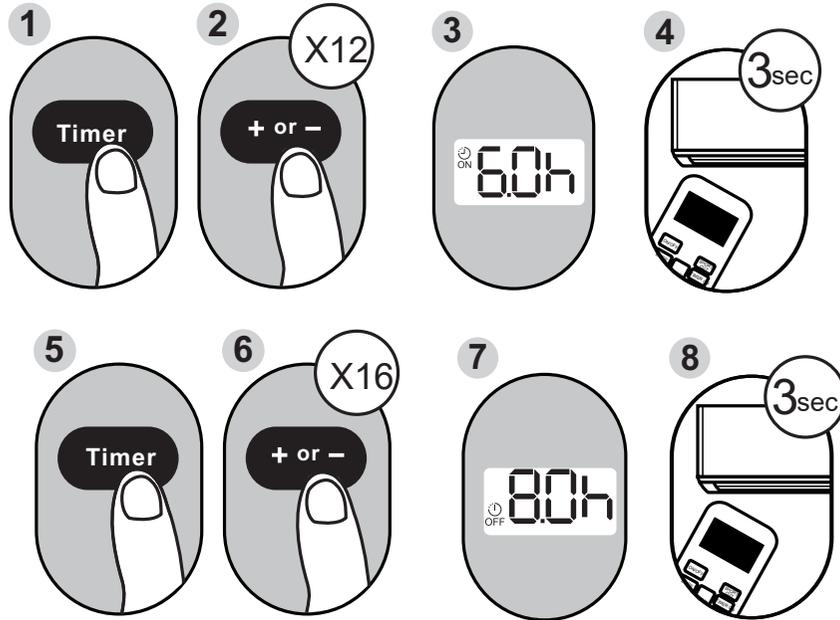
**NOTE:** When setting the **TIMER ON** or **TIMER OFF** functions, up to 10 hours, the time will increase in 30 minute increments with each press. After 10 hours and up to 24, it will increase in 1 hour increments. The timer will revert to zero after 24 hours.

You can turn off either function by setting its timer to " 0.0h " .

### Setting both TIMER ON and TIMER OFF at the same time

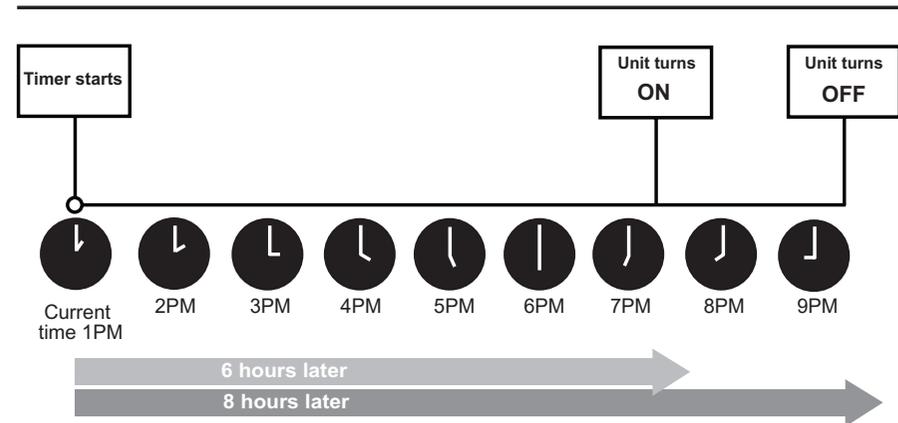
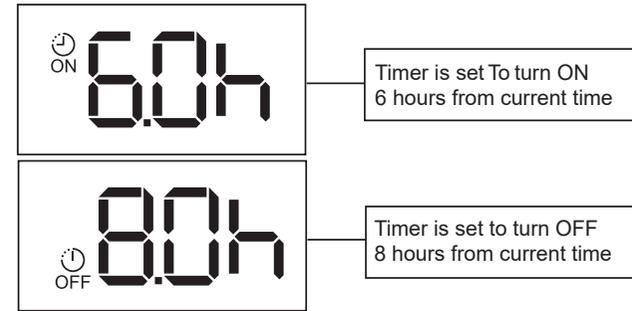
Keep in mind that the time periods you set for both functions refer to hours after the current time. For example, say that the current time is 1:00 PM, and you want the unit to turn on automatically at 7:00 PM. You want it to operate for 2 hours, then automatically turn off at 9:00 PM.

Do the following:



**Example:** Setting the unit to turn on after 6 hours, operate for 2 hours, then turn off (see the figure below)

### Your remote display



## How To Use The Advanced Functions

### ECO function

**NOTE:** This function is only available under COOL mode.

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

**NOTE:**

- Pressing the ECO button, or modifying the mode or adjusting the set temperature to less than 24°C will stop ECO operation.
- Under ECO operation, the set temperature should be 24°C or more. It may result in insufficient cooling. If you feel uncomfortable, just press the ECO button again to stop it.

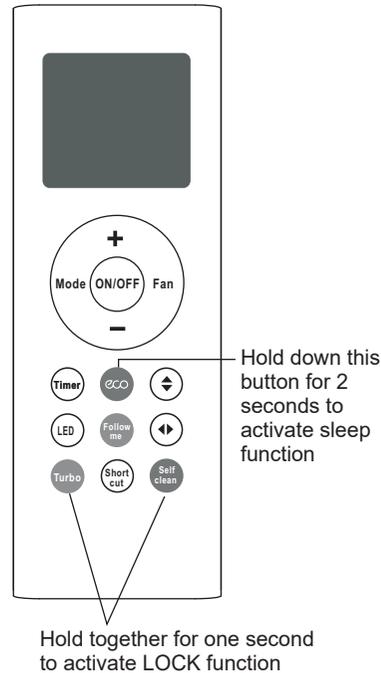
### SLEEP Function

The SLEEP function is used to decrease energy use while you sleep (and don't need the same temperature settings to stay comfortable). This function can only be activated via remote control. For the detail, see "sleep operation" in "USER'S MANUAL".

**Note:** The SLEEP function is not available in FAN or DRY mode.

### Follow me function

The Follow me function enables the remote control to measure the temperature at its current location and send this signal to the air conditioner every 3 minutes interval. When using AUTO, COOL, or HEAT modes, measuring ambient temperature from the remote control (instead of from the indoor unit itself) will enable the air conditioner to optimize the temperature around you and ensure maximum comfort.



### LOCK function

Press Turbo button and Self clean button simultaneously for one second to lock or unlock the keyboard.

### Self clean function

Airborne bacteria can grow in the moisture that condenses around heat exchanger in the unit. With regular use, most of this moisture is evaporated from the unit. When the self clean feature is activated, your unit will clean itself automatically. After cleaning, unit will turn off automatically.

You can use self clean feature as often as you like.

**Note:** You can only activate this function in COOL or DRY mode.

## How To Use The Advanced Functions

### Silence function

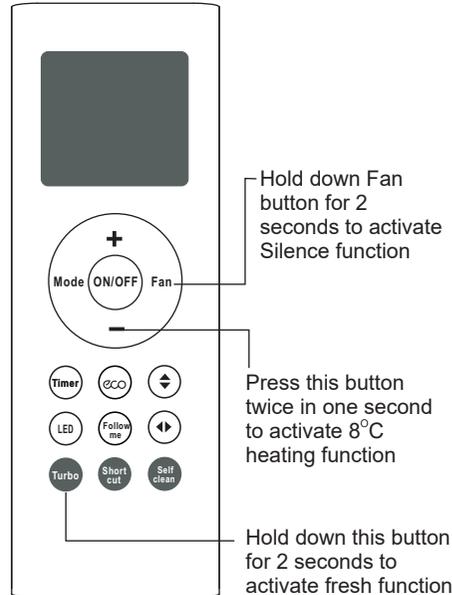
Hold down Fan speed button for 2 seconds to activate/cancel **Silent** mode. Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity. (applicable to the air conditioner with Silent feature only)

### 8°C Heating Function

When the air conditioner operates under heating mode with the set temperature of 17°C, press Temp - button twice in one second will activate 8 Degree heating function. The unit will operate at a setting temperature of 8°C. The indoor unit display shows "FP".

### SHORTCUT function

- Used to restore the current settings or resume previous settings.
- Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).
- If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).



### TURBO function

The TURBO function makes the unit work extra hard to reach your present temperature in the shortest amount of time possible.

- When you select **TURBO** feature in COOL mode, the unit will blow cool air with strongest wind setting to jump-start the cooling process.
- When you select **TURBO** feature in HEAT mode, for units with Electric heat elements, the Electric Heater will activate and jump-start the heating process.
- Hold down TURBO button for 2 seconds, the Ionizer/Plasma Dust Collector (depending on models) is energized and will help to remove pollen and impurities from the air.

