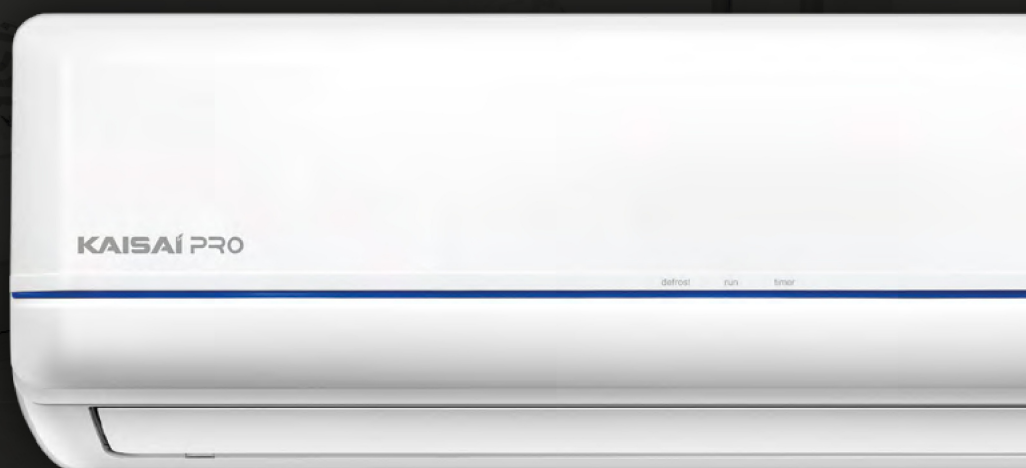


**KLIMATYZATOR  
TYPU INVERTER SPLIT**

Instrukcja obsługi

**INVERTER SPLIT TYPE ROOM  
AIR CONDITIONER**

Owner's Manual



**KAISAI PRO**

# INVERTER SPLIT TYPE ROOM AIR CONDITIONER

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## Owner's Manual

Thank you for choosing our product.  
For proper operation, please read and keep this manual carefully.

If you have lost the Owner's Manual, please contact the local agent or visit [www.kaisai.pl](http://www.kaisai.pl) or sent email to: [handlowy@fgpoland.pl](mailto:handlowy@fgpoland.pl),  
for electronic version.

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**When using this air conditioner in the European countries, please read the following information:**

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

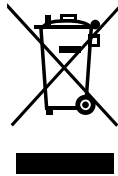
**DISPOSAL:** Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste. For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacturer will take back the old appliance for disposal at least free of charge to the user.
- D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



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## SAFETY PRECAUTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

	<b>WARNING</b>	This symbol indicates the possibility of death or serious injury.
	<b>CAUTION</b>	This symbol indicates the possibility of injury or damage to property.

■ Meanings of symbols used in this manual are as shown below.

	<b>Strictly prohibited.</b>
	<b>Be sure to follow the instructions.</b>

### **WARNING**



- Do not extend the cable and never use multiple plugs. A poor electrical connection, poor insulation or voltage which is higher than permitted can cause fire.
- Do not expose your body directly to the cool air for prolonged period.
- Never poke fingers, sticks or other objects in the air inlet and outlet vents.
- Never attempt to repair, relocate, modify the air conditioner yourself. Always contact your service partner if it requires.
- Never pull the plug out by pulling on the cable. Hold the plug firmly and pull it out of the plug socket, otherwise there is a risk of damaging the cable.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.



- Remove all dirt from the power plug and plug it firmly. Soiled plugs can cause fire or an electric shock.
- In the event of any abnormalities such as smell of burning, immediately switch off the device and pull the plug. Contact your service partner.
- Always switch off the device and pull the plug before you start to clean it. Use specified power cord.
- Contact the authorized installer for installation of this unit.
- Contact an authorized service technician for repair or maintenance of this unit.
- This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the air conditioner.

### CAUTION



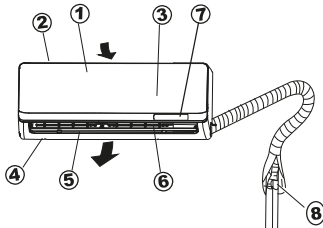
- Never actuate any switches with a wet hand. It may cause an electric shock.
- Never use the device for any other purpose than the intended use. Never place food, precision instruments, plants, animals, paint, etc. on the unit.
- Do not expose plants or animals directly to the air flow.
- Never clean the air conditioner with water. Never use combustible cleaning agents as these could cause a fire or deformation.
- Never place any burning objects close to the device if they could be directly affected by the emitted air.
- Never step onto the outdoor device and never place anything on it.
- Never use an unsteady or rusty base.
- Never install the air conditioner in places where combustible gas can be emitted. Emitted gas may collect and cause an explosion.
- Never allow the air conditioner to run for too long with the doors or windows open, or if the humidity is very high.



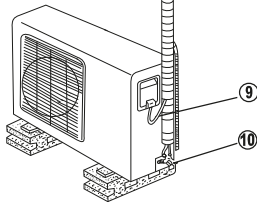
- If the air conditioner is to be used in conjunction with other heaters, the air should be refreshed periodically, otherwise there is a risk of lack of oxygen.
- Always pull out the power plug if the unit is not going to be used for any lengthy period of time. Collections of dust can cause fire.
- Always switch off the air conditioner and pull out the power plug during a storm. Electrical parts may get damaged.
- Check that the drainage line is correctly connected. If not, water will escape.
- Check that the condensation water can run off unhindered. It may cause water damage if the condensation water cannot run off properly.
- The air conditioner must be earthed in accordance with the local codes.
- For electrical safety purposes we recommend that you install an earthleakage circuit-breaker.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.

## NAMES OF PARTS

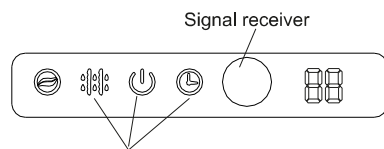
### Indoor unit



### Outdoor unit



### Indication lamp



**NOTE:**  
These three indication lamps flash in cycles when solar PV ECO function is activated. (Applicable to the unit adopts solar photovoltaic system only.)

### Names of parts

#### Indoor unit

1. Front panel
2. Air inlet
3. Air filter
4. Air outlet
5. Horizontal air flow grille
6. Vertical air flow louver (inside)
7. Display panel

#### Outdoor unit

8. Connecting pipe
9. Connecting cable
10. Stop valve

**NOTE:**

All the pictures in this manual are for explanation purposes only. The actual shape of the indoor unit you purchased may be slight different on front panel and display window. The actual shape shall prevail.

### Indication lamp



#### **ION indication lamp(optional function)**

This lamp illuminates when Clean Air feature is activated.



#### **DEFROST indication lamp**

(Enabled on cooling & heating models only):  
Lights up when the air conditioner starts defrosting automatically or when the warm air control feature is activated in heating operation.



#### **OPERATION indication lamp**

This lamp illuminates when the air conditioner is in operation.



#### **TIMER indication lamp**

Lights up during Timer operation.



- Temperature indicator
- Displays the temperature settings when the air conditioner is operational.
  - Displays the malfunction code.

### Special functions

#### **Refrigerant Leakage Detection**

With this new technology, the display area will appear EC and the indication lamps continue flashing when the outdoor unit detects refrigerant leakage.

#### **Louver Angle Memory Function(optional):**

Within the scope of safety angle, it will memorize the open angle of horizontal louver. If it exceeds, it will memorize the boundary of safety angle. In the following circumstances, it will return to standard angle: 1) pressing the manual switch, 2) unplug and then plug in the machine. So we strongly suggest that the open angle of the horizontal louver should not be set too small, in case the condensed water forms and drops from the horizontal louver.

#### **SELF CLEAN function (Optional)**

- Function used after the Shut Down of cooling operation to clean the Evaporator and keep it as fresh for the next operation.
  - The unit will operate as following sequence : FAN ONLY mode at Low fan speed--Heating operation with LOW fan speed(applicable to cooling & heating modes only) ---FAN ONLY operation--Stop Operation---Turn off.
- Note:**
- This function is only available under COOL(AUTO COOL, FORCED COOL) and DRY mode.
  - Before select the function, it is recommended to run the air conditioner under Cooling operation for about half an hour. Once the Self Clean function is activated, all TIMER setting will be cancelled.
  - During Self Clean operation, when press the SELF CLEAN button on the remote controller again will stop the operation and turn off the unit automatically.



#### **CLEAN AIR function (on some models)**

This air conditioner is equipped with ionizer or Plasma Dust Collector(Depending on specific configuration of the model). With the anions generated by ionizer, the air circulation of the air conditioner fills the room with refreshing, natural and healthy air. The Plasma Dust Collector generates a high voltage ionization zone, through which the air is converted to plasma. Inside the air most of the dust, smoke, and pollen particles are captured by the electrostatic filter.

#### **Anti-mildew function(Optional)**

- When turns off the unit on COOL, DRY, AUTO (Cool) mode, the air conditioner will continue operating for about 7-10 minutes (depending on models) at LOW fan speed. If turns off on HEAT mode, the unit will continue operating for about 30 seconds at LOW fan speed. This will help to dry up the condensed water inside the evaporator, and prevent the breeding of mildew.
- Under Anti-mildew operation, do not restart the air conditioner until the unit is completely off.

#### **Vertical swing function (Optional)**

After the AC starts up, users can control the vertical louver swing by the remote controller.

## OPERATING INSTRUCTIONS

### Operating temperature

Temperature \ Mode	Cooling operation	Heating operation	Drying operation
Room temperature	17°C~32°C (62°F~90°F)	0°C~30°C (32°F~86°F)	10°C~32°C (50°F~90°F)
Outdoor temperature	0°C~50°C (32°F~122°F)	-25°C~30°C (-13°F~86°F)	-0°C~50°C (32°F~122°F)
	(-15°C~50°C / 5°F~122°F) (For the models with low temperature cooling system)		

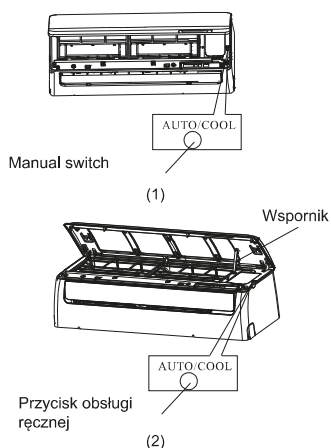
#### NOTE:

- Optimum performance will be achieved within these operating temperatures. If air conditioner is used outside of the above conditions, certain safety protection features might come into operation and cause the unit to function abnormally.
- If the air conditioner runs for a long time in cooling mode and the humidity is high (over 80%), condensed water may drip out of the unit. Please sets the vertical air flow louver to its maximum angle (vertically to the floor), and set HIGH fan mode.

**Suggestion:** For the unit adopts an Electric Heater, when the outside ambient temperature is below 0°C (32°F), we strongly recommend you to keep the machine plugged in order to guarantee it running smoothly.

### Manual operation

Units are equipped with a switch to run emergency operation mode. It can be accessed by opening the front panel. This switch is used for manual operation in case the remote controller fails to work or maintenance necessary.



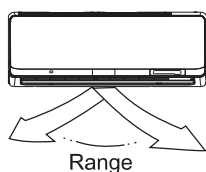
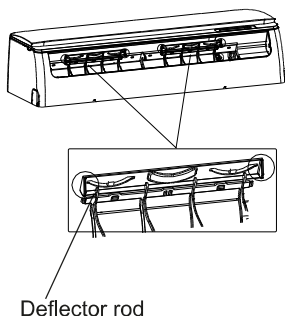
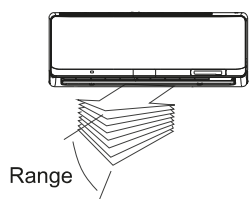
**NOTE:** The unit must be turned off before operating the manual control button. If the unit is operational, continue pressing the manual control button until the unit is off.

- Open and lift the front panel up to an angle until it remains fixed with a clicking sound. For some models, please use suspension bars to prop up the panel.
- One press of the manual control switch will lead to the forced AUTO operation. If press the switch twice within five seconds, the unit will operate under forced COOL operation.
- Close the panel firmly to its original position.

#### CAUTION:

- This switch is used for testing purposes only. You had better not choose it.
- To restore the remote controller operation, use the remote controller directly.

**Airflow direction control**



Adjust the air flow direction properly otherwise it might cause discomfort or cause uneven room temperatures.  
Adjust the horizontal/vertical louver using the remote controller. For some models, the vertical louver can only be adjusted manually.

**To set the horizontal/vertical air flow direction**

- Perform this function while the unit is in operation.
- Use the remote controller to adjust the air flow direction. The vertical/horizontal louver changes 6 degree in angle for each press, or swing up and down automatically. Please refer to the REMOTE CONTROLLER OPERATION MANUAL for details.
- For some models, the vertical louver can only be adjusted manually. Move the deflector rod manually to adjust the air flow in the direction you prefer.

**IMPORTANT:** Do not put your fingers into the panel of blower and suction side. The high-speed fan inside may cause danger.

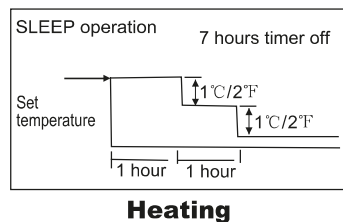
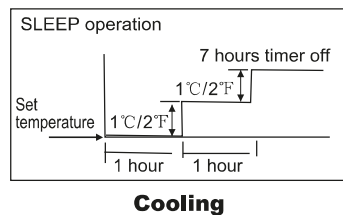
**⚠ CAUTION**

- Do not operate the air conditioner for long periods with the air flow direction set downward in cooling or dehumidifying mode. Otherwise, condensation may occur on the surface of the horizontal louver causing moisture to drop on to the floor or on furnishings.
- When the air conditioner is started immediately after it was stopped, the horizontal louver might not move for approximately 10 seconds.
- Open angle of the horizontal louver should not be set too small, as COOLING or HEATING performance may be impaired due to too restricted air flow area.
- Do not move the horizontal louver manually, otherwise the horizontal louver will be out of sync. Please cease operating, unplug power for a few seconds, then restart the air conditioner.
- Do not operate unit with horizontal louver in closed position.

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## OPERATING INSTRUCTIONS

### How the air conditioner works



#### AUTO operation

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling/heating models only), or fan only operation depending on set temperature and the room temperature.
- The air conditioner will control room temperature automatically to the temperature point you set.
- If you feel uncomfortable in the AUTO mode, you can set your desired temperature.

#### SLEEP operation

When you push SLEEP button on remote controller during cooling, heating (cooling & heating models only), or AUTO operation, the air conditioner will automatically increase (cooling) or decrease (heating) 1°C/2°F per hour for the first 2 hours, then hold steadily for the next 5 hours, after that it will switch off. This mode saves you energy and brings you comfort at night.

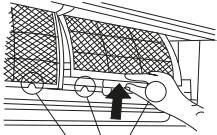
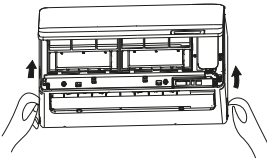
#### DRYING operation

- The fan speed will be automatically controlled under dry operation.
- During the dry operation, if the room temperature is lower than 10°C (50°F), the compressor stops operation and restarts until the room temperature is above 12°C (54°F).

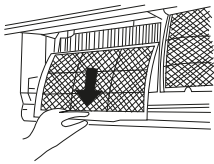
#### Optimal operation

- To achieve optimal performance, please note the following:
  - Adjust the air flow direction correctly so that it is not forwards people.
  - Adjust the temperature to achieve the highest comfort level. Do not adjust the unit to excessive temperature levels.
  - Close doors and windows on COOL or HEAT modes, or performance may be reduced.
  - Use TIMER ON button on the remote controller to select a time you want to start your air conditioner.
  - Do not put any object near air inlet or air outlet, as the efficiency of the air conditioner may be reduced and the air conditioner may stop running.
  - Clean the air filter periodically, otherwise cooling or heating performance may be reduced.
- Do not operate unit with horizontal louvre in closed position.

### Care and Maintenance



Filter Handle



#### Before maintenance

- Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

**NOTE: Power supply must be disconnected before cleaning the indoor unit.**

#### CAUTIONS

- A cloth dampened with cold water may be used on the indoor unit if it is very dirty. Then wipe it with a dry cloth.
- Do not use a chemically treated cloth or duster to clean the unit.
- Do not use benzine, thinner, polishing powder, or similar solvents for cleaning. These may cause the plastic surface to crack or deform.
- Never use water hotter than 40 C/104 F to clean the front panel, it could cause deformation or discoloration.

#### Cleaning the unit

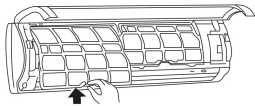
Wipe the unit with a soft dry cloth only. If the unit is very dirty, wipe it with a cloth soaked in warm water.

#### Cleaning the air filter and air freshening filter

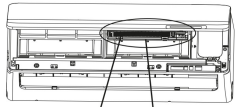
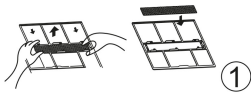
A clogged air filter reduces the cooling efficiency of this unit. Please clean the filter once every 2 weeks.

1. Lift the indoor unit panel up to an angle until it stops with a clicking sound. For some models, please use suspension bars to prop up the panel.
2. Take hold of the handle of the air filter and lift it up slightly to take it out from the filter holder, then pull it downwards.
3. Remove the AIR FILTER from the indoor unit. Clean the AIR FILTER once two weeks. Clean the AIR FILTER with a vacuum cleaner or water, then dry it up in cool place.

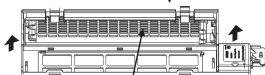




Air freshening filter



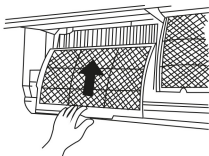
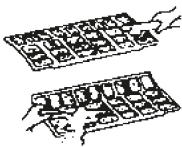
Plasma



Air filter

Hold the two parts of Plasma where are marked ↑ with signal and lift it. Then you can open the cover of the the plasma and remove the filter.

②



4. Remove the Air Freshening Filters from its supporting frame (The solution to disassemble may differ from each other for different filters. Refer ① to ② and). Clean the air freshening filter at least once a month, and replace it every 4-5 months. Clean it with vacuum cleaner, then dry it in cool place.
- ⚠ For the models with plasma, do not touch the plasma within 10 minutes after you open the panel.
5. Install the air freshening filter back into position.
6. Insert the upper portion of air filter back into the unit, taking care that the left and right edges line up correctly and place filter into position.

**Replacement of air filter and air freshening filter**

1. Remove the air filter.
2. Remove the air freshening filter.
3. Install a new air freshening filter.
4. Reinstall the air filter and securely close the front panel.

**Preparation for extended non-operation**

If you plan to idle the unit for a long time, perform the following:

- (1) Clean the indoor unit and filters.
- (2) Operate the fan for about half a day to dry the inside of the unit.
- (3) Stop the air conditioner and disconnect power.
- (4) Remove the batteries from the remote controller.

The outdoor unit requires periodic maintenance and cleaning. Do not attempt to do this yourself. Contact your dealer or service provider.

**Pre-season inspection**

- Check that the wiring is not broken off or disconnected.
- Clean the indoor unit and filters.
- Check that the air filter is installed.
- Check if the air outlet or inlet is blocked after the air conditioner has not been used for a long time.

**CAUTION**

- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- When cleaning the unit, first make sure that the power and circuit breaker are turned off.
- Do not wash air filter with hot water at more than 40°C/104°F. Shake off moisture completely and dry it in the shade. Do not expose it directly to the sun, it may shrink.

### Normal function of the air conditioner

The following events may occur during normal operation.

#### 1. Protection of the air conditioner.

##### Compressor protection

- The compressor can't restart for 3-4 minutes after it stops.

##### Anti-cold air (Cooling and heating models only)

- The unit is designed not to blow cold air on HEAT mode, when the indoor heat exchanger is in one of the following three situations and the set temperature has not been reached.

A) When heating has just started.

B) Defrosting.

C) Low temperature heating.

- The indoor or outdoor fan stop running when defrosting (Cooling and heating models only).

##### Defrosting (Cooling and heating models only)

- Frost may be generated on the outdoor unit during heat cycle when outdoor temperature is low and humidity is high resulting in lower heating efficiency of the air conditioner.
- During this condition air conditioner will stop heating operation and start defrosting automatically.
- The time to defrost may vary from 4 to 10 minutes according to the outdoor temperature and the amount of frost built up on the outdoor unit.

#### 2. A white mist coming out from the indoor unit

- A white mist may generate due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.
- A white mist may generate due to moisture generated from defrosting process when the air conditioner restarts in HEAT mode operation after defrosting.

#### 3. Low noise of the air conditioner

- You may hear a low hissing sound when the compressor is running or has just stopped running. It is the sound of the refrigerant flowing or coming to a stop.
- You can also hear a low "squeak" sound when the compressor is running or has just stopped running. This is caused by heat expansion and cold contraction of the plastic parts in the unit when the temperature is changing.
- A noise may be heard due to louver restoring to its original position when power is turned on.

#### 4. Dust is blown out from the indoor unit.

Jest to normalne zjawisko, jeżeli klimatyzator nie był używany przez długi czas lub podczas pierwszego uruchomienia urządzenia.

#### 5. A peculiar smell comes out from the indoor unit.

This is caused by the indoor unit giving off smells permeated from building material, from furniture, or smoke.

#### 6. The air conditioner turns to FAN only mode from COOL or HEAT (For cooling and heating models only) mode.

When indoor temperature reaches the temperature setting on air conditioner, the compressor will stop automatically, and the air conditioner turns to FAN only mode. The compressor will start again when the indoor temperature rises on COOL mode or falls on HEAT mode (For cooling and heating models only) to the set point.

## TROUBLESHOOTING TIPS

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### 7. The air conditioner runs Anti-mildew function after turning off the unit.

When turning off the unit under COOL(AUTO COOL, FORCED COOL) and DRY mode, the air conditioner will run Anti-mildew function for 7-10 minutes, if turns off on HEAT mode, the unit will continue operating for about 30 seconds at LOW speed, then stop the operation and turn off the unit automatically.

8. Dripping water may generate on the surface of the indoor unit when cooling in a high relative humidity (relative humidity higher than 80%). Adjust the horizontal louver to the maximum air outlet position and select HIGH fan speed.

### 9. Heating mode (For cooling and heating models only)

The air conditioner draws in heat from the outdoor unit and releases it via the indoor unit during heating operation. When the outdoor temperature falls, heat drawn in by the air conditioner decreases accordingly. At the same time, heat loading of the air conditioner increases due to larger difference between indoor and outdoor temperature. If a comfortable temperature can't be achieved by the air conditioner, we suggest you use a supplementary heating device.

### 10. Auto-restart function

- Power failure during operation will stop the unit completely.
- For the unit without Auto-restart feature, when the power restores, the OPERATION indicator on the indoor unit starts flashing. To restart the operation, push the ON/OFF button on the remote controller. For the unit with Auto-restart feature, when the power restores, the unit restarts automatically with all the previous settings preserved by the memory function.

## TROUBLESHOOTING TIPS

### Troubleshooting guide

<b>Trouble</b>	OPERATION(RUN) indicator or other indicators continue flashing	The unit may stop operation or continue to run in a safety condition (depending on models). Waiting for about 10 minutes, the fault may be recovered automatically, if not, disconnect the power and then connect it in again. If the problem still exists, disconnect the power and contact the nearest customer service center.
	If one of the following code appears on the display area : E0,E1,E2,E3....., P0,P1,P2, P3....., or F0,F1,F2,F3.....	
	Fuse blows frequently or circuit breaker trips frequently.	Stop the air conditioner immediately, disconnect the power and contact the nearest customer service center.
	Other objects or water fall into the air conditioner.	
	Terrible odors are smelled or abnormal sounds are heard.	

Malfunctions	Cause	What should be done?
<b>Unit does not start</b>	Power cut.	Wait for power to be restored.
	Unit may have become Unplugged.	Check that plug is securely in wall receptacle.
	Fuse may have blown.	Replace the fuse.
	Battery in Remote controller may have been exhausted.	Replace the battery.
	The time you have set with timer is incorrect.	Wait or cancel timer setting.
<b>Unit not cooling or heating (Cooling/heating models only) room very well while air flowing out from the air conditioner</b>	Inappropriate temperature setting.	Set temperature correctly. For detailed method please refer to "Using remote control" section.
	Air filter is blocked.	Clean the air filter.
	Doors or Windows are open.	Close the doors or windows.
	Air inlet or outlet of indoor or outdoor unit has been blocked.	Clear obstructions away first, then restart the unit.
	Compressor 3 minutes protection has been activated.	Wait.
If the trouble has not been corrected, please contact a local dealer or the nearest customer service center. Be sure to inform them of the detailed malfunctions and unit model number.		

**Notes: Do not attempt to repair the unit yourself.  
Always consult an authorized service provider.**





# AIR CONDITIONER REMOTE CONTROLLER

## Owner's Manual

Thank you for choosing our product.  
For proper operation, please read and keep this manual carefully.

If you have lost the Owner's Manual, please contact the local agent or visit [www.kaisai.pl](http://www.kaisai.pl) or sent email to: [handlowy@fgpoland.pl](mailto:handlowy@fgpoland.pl),  
for electronic version.

# CONTENTS

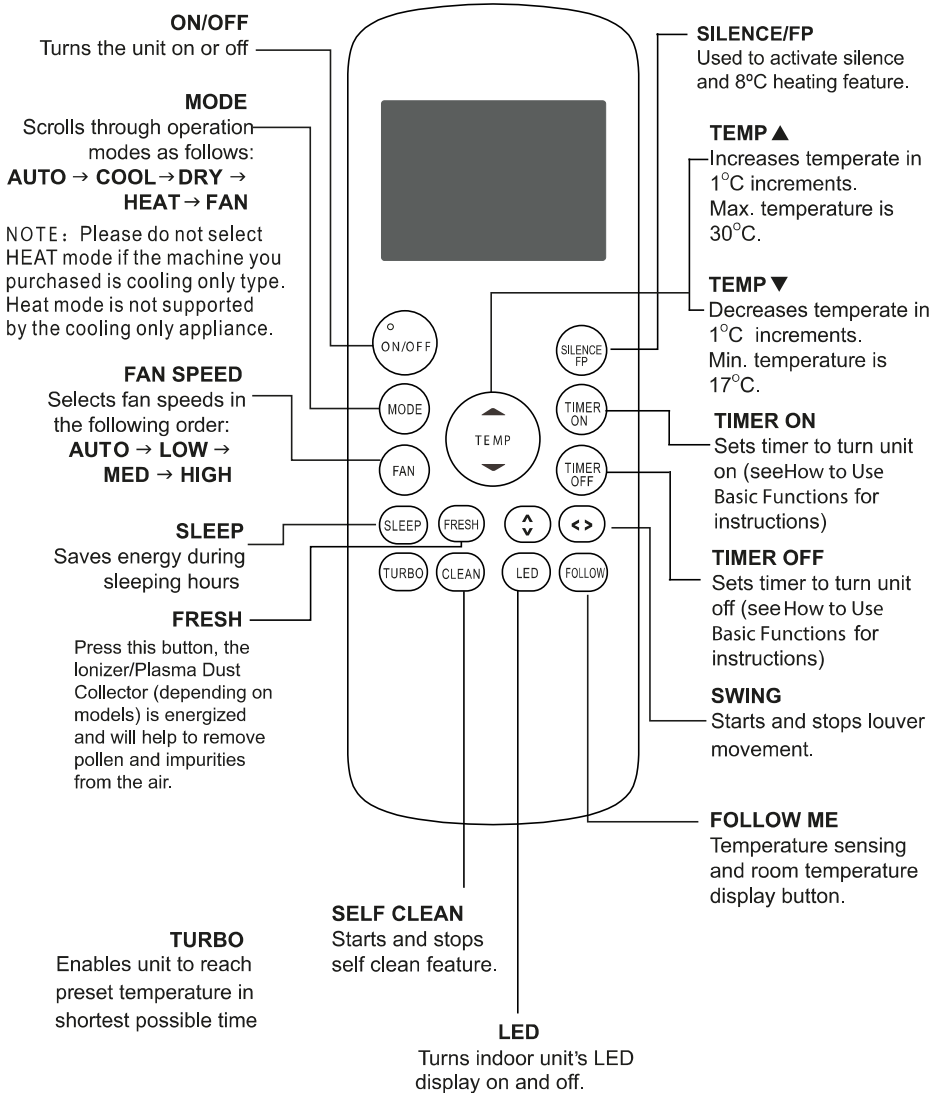
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## Remote Controller Specifications

<b>Model</b>	<b>RG57A4(B)BGEF, RG57A6(B)BGEF</b>
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C

## 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 Basic Functions** section of this manual.

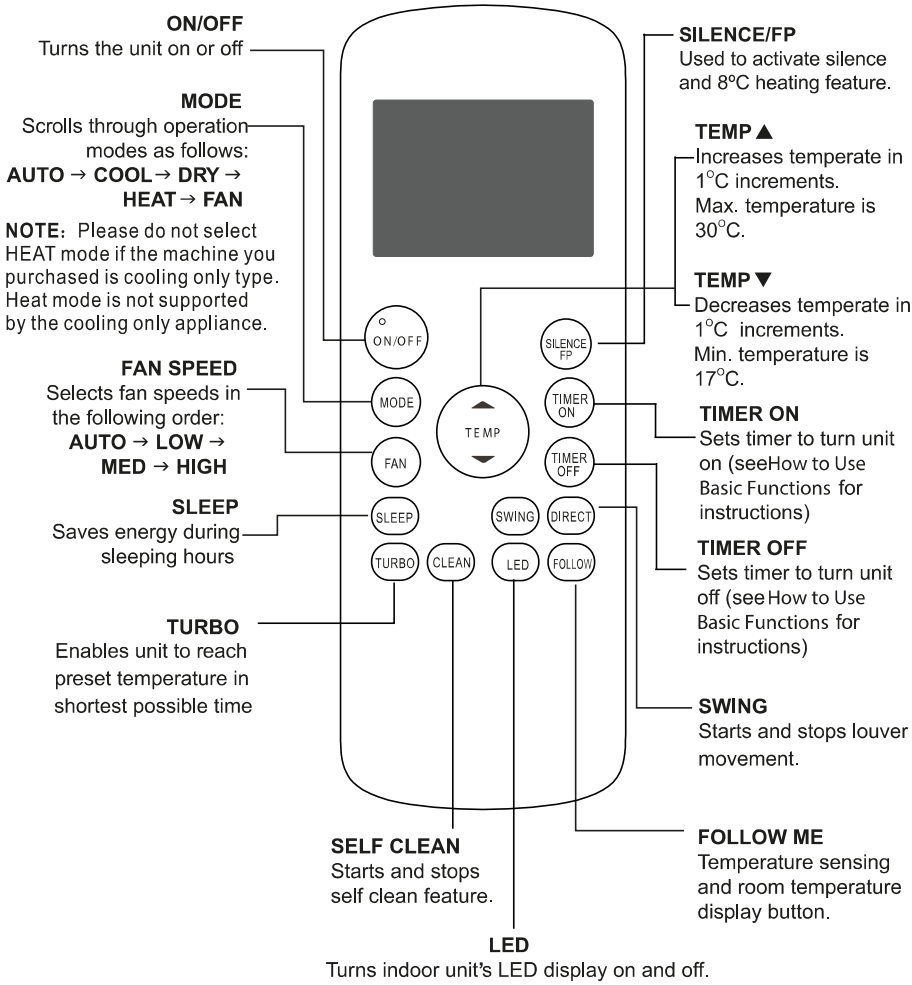


Model: RG57A4(B)BGEF



## 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 Basic Functions** section of this manual.



Model: RG57A6(B)BGEF

## 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.
- When there are wide differences between "Remote controller Illustration" and "USER'S MANUAL" on function description, the description of "USER'S MANUAL" shall prevail.

### Inserting and Replacing Batteries

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

1. Slide the back cover from the remote control downward, 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. Slide the battery cover back into place.

### ! BATTERY NOTES

For optimum product performance:

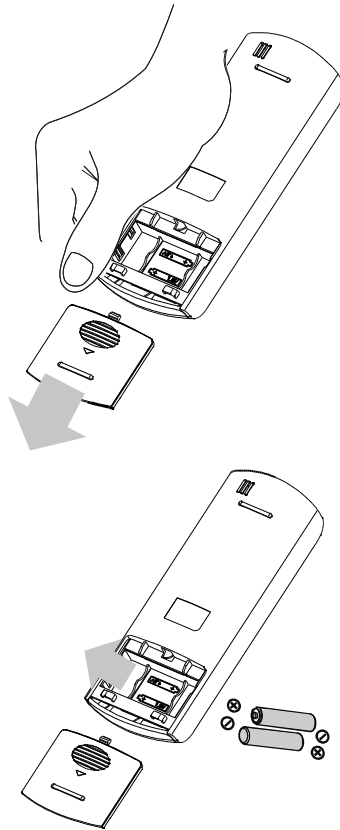
- Do not mix old and new batteries, or batteries of different types.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

### BATTERY DISPOSAL

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

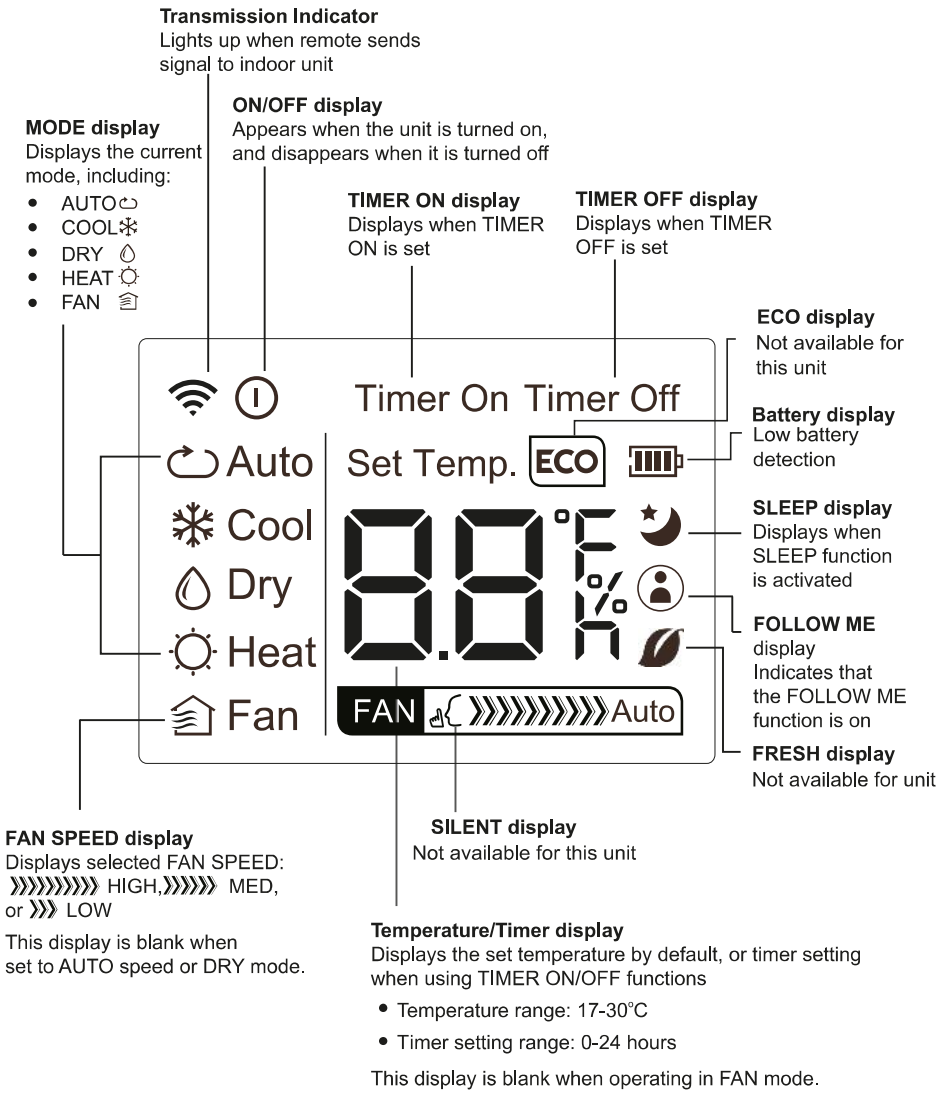
### TIPS FOR USING REMOTE CONTROL

- 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 will not be used more than 2 months.

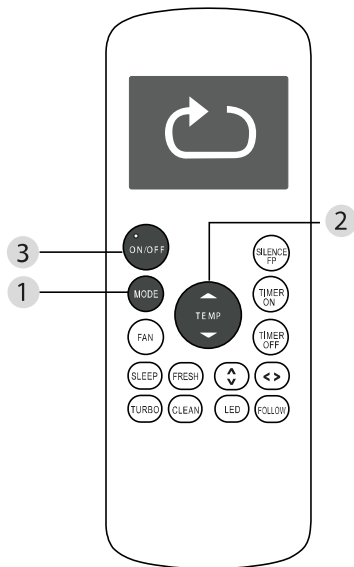


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## Remote LCD Screen Indicators



## 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

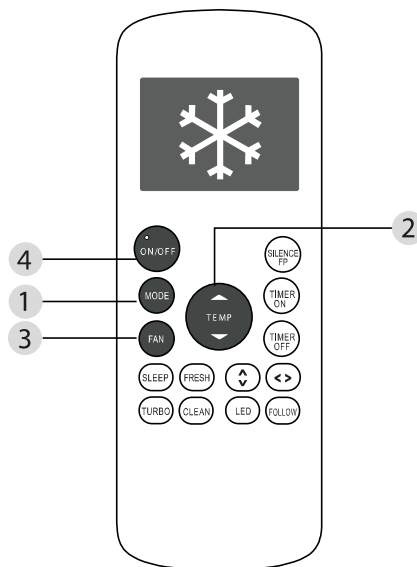
In AUTO mode, the unit will automatically select the COOL, FAN, HEAT or DRY mode based on the set temperature.

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.

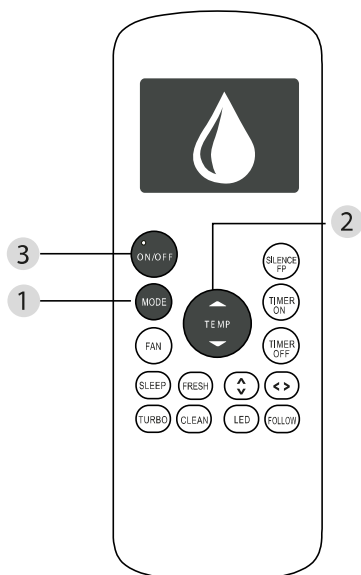
### COOL operation

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: AUTO, LOW, MED, or HIGH.
4. Press the ON/OFF button to start the unit.



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## How To Use The Basic Functions



### DRY operation(dehumidifying)

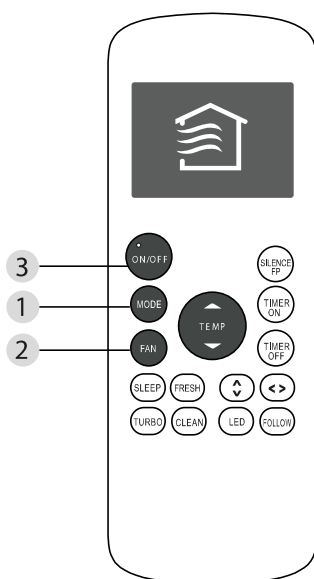
1. Press the MODE button to select DRY mode.
2. Set your desired temperature using the Temp▲ or Temp▼ button.
3. Press the ON/OFF button to start the unit.

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

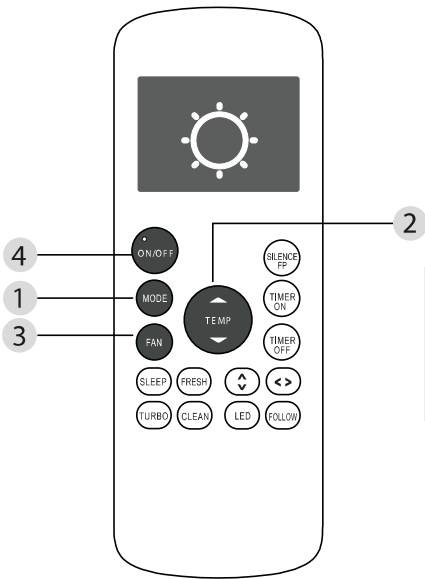
### FAN operation

1. Press the MODE button to select FAN mode.
2. Press FAN button to select the fan speed: AUTO, LOW, MED or HIGH.
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: AUTO, LOW, MED, or HIGH.
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.

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## Setting the TIMER function

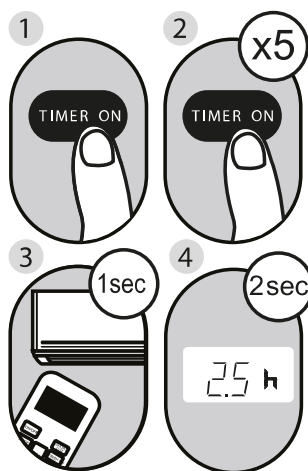
Your air conditioning unit has two timer-related functions:

- **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 ON** button. 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 hours, " 2.0h " will appear on the screen, and the unit will turn on after 2 hours.
2. Press the **TIMER ON** button repeatedly to set the time when you want the unit to turn on.
3. Wait 2 seconds, then the **TIMER ON** function will be activated. The digital display on your remote control will then return to the temperature display.

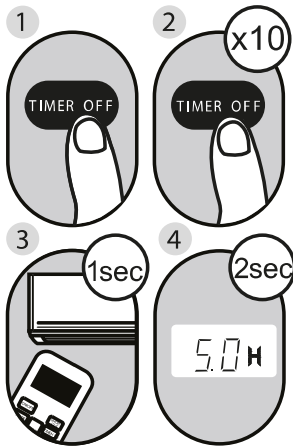


**Example:** Setting unit to turn on after 2.5 hours.

### TIMER OFF function

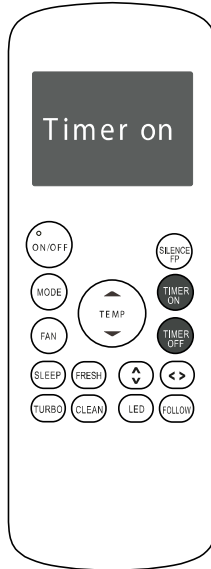
The **TIMER OFF** function allows you to set a period of time after which the unit will automatically turn off, such as when you wake up.

1. Press the **TIMER OFF** button. 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 2 hours, "2.0h" will appear on the screen, and the unit will turn off after 2 hours.
2. Press the **TIMER OFF** button repeatedly to set the time when you want the unit to turn off.
3. Wait 2 seconds, then the **TIMER OFF** function will be activated. The digital display on your remote control will then return to the temperature display.



**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".



Continue to press **TIMER ON** or **TIMER OFF** until desired time is reached.

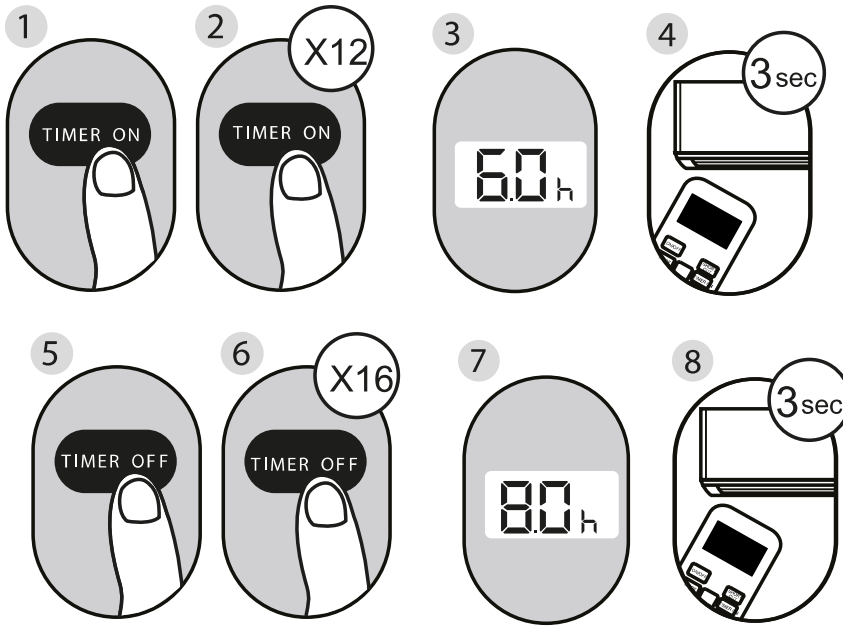




### Setting both TIMER ON and TIMER OFF at the same time

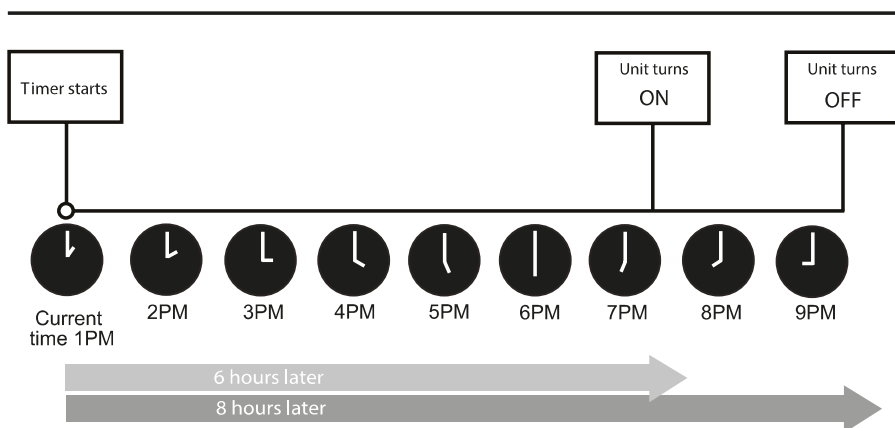
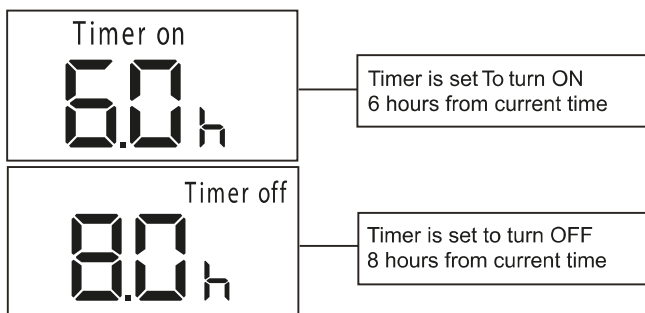
Keep in mind that the time periods you set for both functions refer to hours after the current time. For example, say that the current time is 1:00 PM, and you want the unit to turn on automatically at 7:00 PM. You want it to operate for 2 hours, then automatically turn off at 9:00 PM.

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



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## How To Use The Advanced Functions

### 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 press the TURBO button in COOL mode, the unit will blow cool air with strongest wind setting to jump-start the cooling process.
- When you press the TURBO button in HEAT mode, for units with Electric heat elements, the Electric Heater will activate and jump-start the heating process.

### 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.

### FOLLOW ME function

The FOLLOW ME function enables the remote control to measure the temperature at its current location. When using AUTO, COOL, or HEAT functions, 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.

1. Press FOLLOW ME button to activate function. The remote control will send temperature signal to the indoor unit every three minutes.
2. Press FOLLOW ME button again to turn off this function.

### SWING function

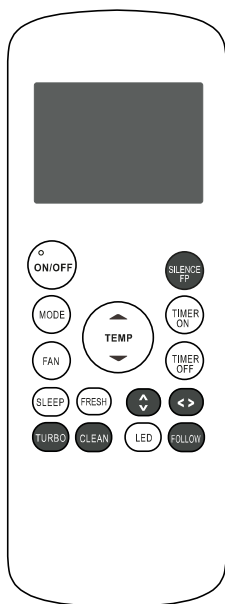
**For RG57A4(B)BGEF model:**

#### Swing < > Button

Used to stop or start vertical louver movement and set the desired left/right air flow direction. The vertical louver changes 6 degree in angle for each press. If keep pushing more than 2 seconds, the vertical louver auto swing feature is activated.

#### Swing ^ v Button

Used to stop or start vertical louver movement and set the desired left/right air flow direction. The vertical louver changes 6 degree in angle for each press. If keep pushing more than 2 seconds, the vertical louver auto swing feature is activated.

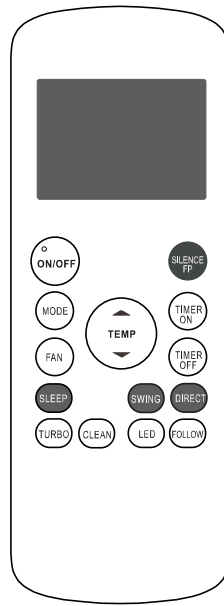


Model: RG57A4(B)BGEF

## How To Use The Advanced Functions

### SILENCE/FP function

- 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 create 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 8°C. 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.



Model: RG57A6(B)BGEF

### SWING function

For RG57A6(B)BGEF model:

#### Swing Button

Used to stop or start horizontal louver auto swing feature.

#### DIRECT Button

Used to set the desired up/down air flow direction. The louver changes 6 degree in angle for each press.

### 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.

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

# SMART AC KIT

## Owner's Manual

**IMPORTANT NOTE:**

Read the manual carefully before installing or connecting your Smart kit. Make sure to save this manual for future reference.

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4. Install the smart kit.....	80
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## DECLARATION OF CONFORMITY

Hereby, we declare that this AC is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The declaration of conformity may be consulted with sales agent.

## 1. SPECIFICATION

Model: OSK102

Standard: IEEE 802.11b/g/n

Antenna Type: Wxternal omnidirectional Antenna

Frequency: WIFI 2.4G

Maximum Transmitted Power: Max. 15 dBm

Operation Temperature: 0°C~45°C/32°F~113°F

OperationHumidity: 10%~85%

Power Input: DC 5V/300 Ma

## 2. PRECAUTIONS

Applicable system: IOS, Android (Suggest:IOS 7.0, Android 4.0).

### NOTE:

- Due to special situation may be occurred, we explicitly claims below: Not all of the Andriod and IOS system are compatible with APP. We will not be responsible for any issue as a result of the incompatibility.

### Wireless safety strategy

- Smart kit only support WPA-PSK/WPA2-PSK encryption and none encryption . WPA-PSK/WPA2-PSK encryption is recommended.

### Caution

- Please Check The Service Website For More Information.
- Smart Phone camera needs to be 5 million pixels or above to make sure scan QR code well.
- Due to different network situation, sometimes, request time-out could happen, thus, it is necessary to do network configuration again.



- Due to different network situation, control process may return time-out sometimes. If this situation occurs, the display between board and App may not be the same, please do not feel confused.

**NOTE:** Company will not be liable for any issues and problems caused by Internet, Wi-Fi Router and Smart Devices. Please contact the original provider to get further help.

### 3. DOWNLOAD AND INSTALL APP

**Caution:** QR Code A and QR Code B is only available for downloading APP.

QR Code A



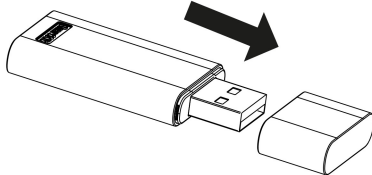
QR Code B



- Android Phone users: scan QR Code A or go to google play, search ,Nethome Plus' app and download it.
- Iphone Users: scan QR Code B or go to App Store, search ,Nethome Plus' app and download it.

### 4. INSTALL THE SMART KIT

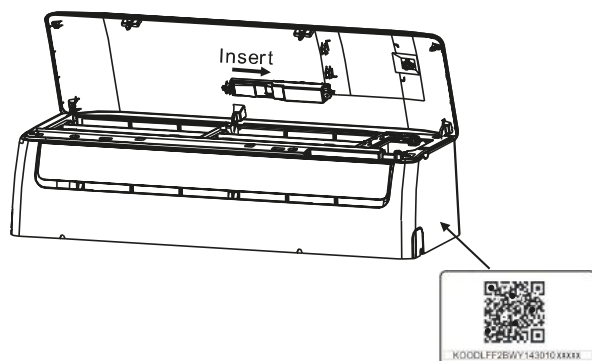
1. Remove the protective cap of the smart kit.



2. Open the front panel and insert the smart kit into the reserved interface.

3. Attach the QR code packed with SMART KIT to the side panel of the machine, ensure it is convenient to be scanned by the mobile phone. Alternatively, user can take picture of the QR Code and save it into their own phone.

**WARNING:** This interface is only compatible with SMART KIT provided by the manufacturer

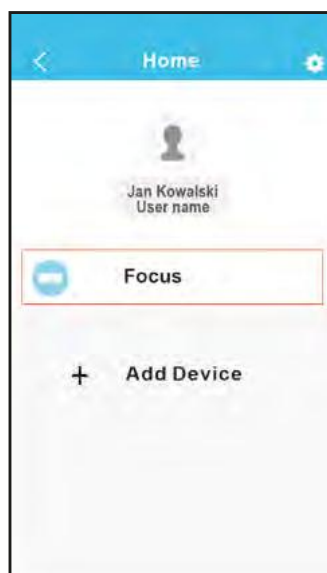


## 5. USER REGISTRATION

- Please ensure your mobile device is connected to Wifi router. Also, the Wifi router has already connected to Internet before doing user registration and network configuration.
- It is better to log in your email box and active your registration account by clicking link in case you forget the password.



1. Click "Create Account".



2. Enter your email address and password, and then click "Registration".



## 6. NETWORK CONFIGURATION

### Caution:

- It is necessary to forget any other around network and make sure the Android or IOS device just connect to the WIFI network you want to configure.
- Make sure the Android or IOS device WIFI function works well and can be connected back to your original WIFI network automatically.

### Kindly reminder:

When AC enters into AP mode, the air-conditioning remote controller can't control it. It is necessary to finish network configuration or power the AC again in order to control it. Alternatively, you need to wait 8 minutes to let the AC quit AP mode automatically.

## USING ANDROID DEVICE TO DO NETWORK CONFIGURATION

1. Make sure your mobile device has already been connected to the wifi network which you want to use. Also, you need to forget other irrelative wifi network in case it influences your configuration process.
2. Disconnect the power supply of AC.
3. Connect the power supply of AC, and continuously press the digital display button or do not disturb button seven times in 3 minutes.
4. When the AC displays AP , it means that the AC WIFI has already entered into AP Mode.

Some type of AC do not need the **2** step to be in AP mode.



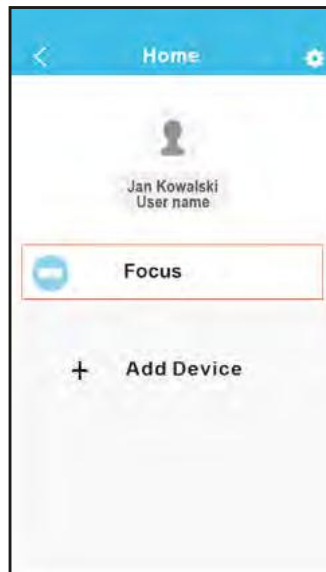
5. Press "+Add Device".



6. Scan QR Code which 9 is packed with smart kit.



7. Select your own WiFi network, for example My Home (the picture is only for reference).
8. Enter your own WiFi router password and click OK.

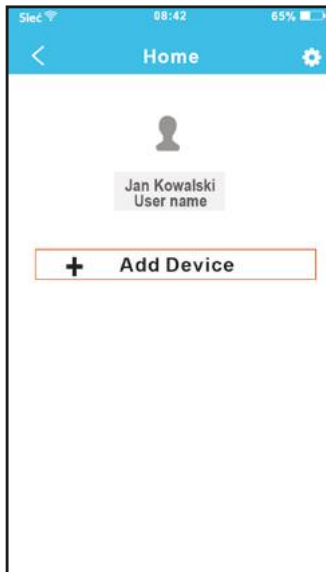


9. Configuration Success, you can see the device on the list.



## USING IOS DEVICE TO DO NETWORK CONFIGURATION

1. Make sure your mobile device has already been connected to the WiFi network which you want to use. Also, you need to forget other irrelevant WiFi networks in case they influence your configuration process.
2. Disconnect the power supply of AC (some units).
3. Connect the power supply of AC, and continuously press the digital display button or do not disturb button seven times in 3 minutes.
4. When the AC displays "AP", it means that the AC WiFi has already entered into AP Mode.



5. Press "+Add Device".



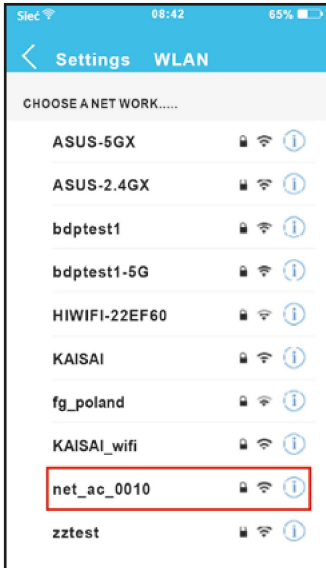
6. Scan QR Code which 9 is packed with smart kit.



7. Read the instruction above and press the Home button to return to the device interface.



8. Click settings to enter the setting page, select WLAN/WIFI.



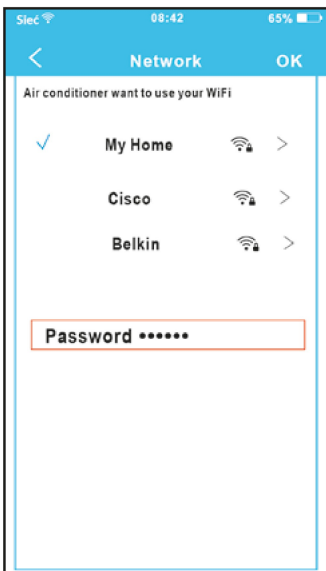
10. Choose net\_ac\_XXXX.



10. Type default password: 12345678 and click "Join".



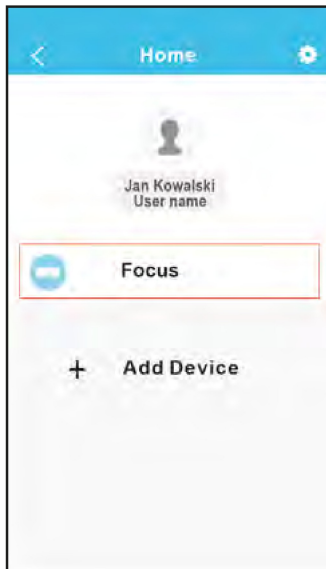
11. Return to APP and click Next.



12. Select your own WiFi network, for example My Home (the picture is only for reference).

13. Enter your own WiFi router password and click OK.

EN



14. Configuration Success, you can see the device on the list.

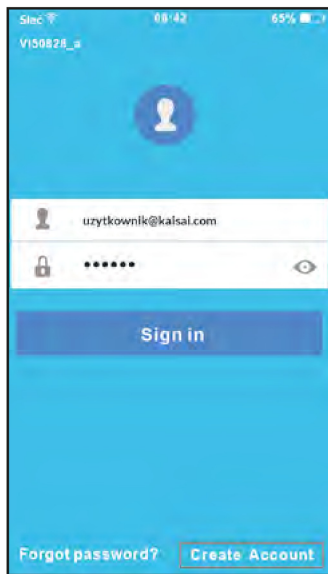
**NOTE:**

When finishing network configuration, APP will display success cue words on the screen.

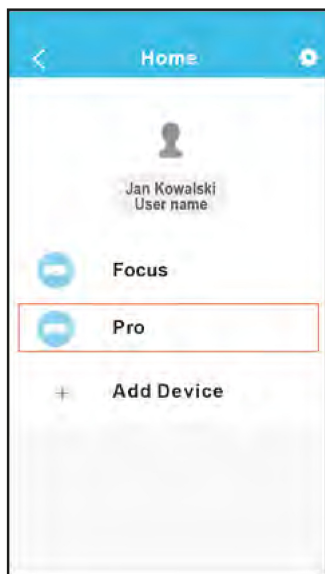
Due to different internet environment, it is possible that the device status still display offline. If this situation occurs, it is necessary to pull and refresh the device list on the APP and make sure the device status become online. Alternatively, user can turn off the AC power and turn on it again, the device status will become online after few minutes.

## 7. HOW TO USE APP

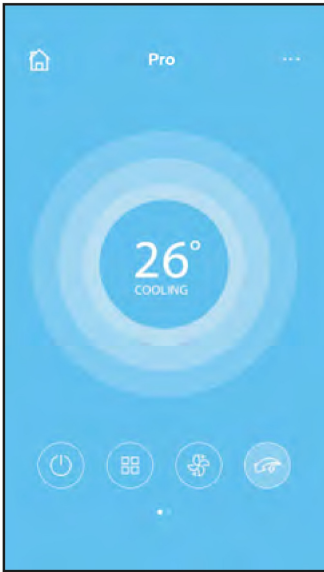
Please ensure both your mobile device and air conditioner are connected to the Internet before using app to control the air conditioner via internet, please follow the next steps:



1. Type your own account and password, Click "Sign in".



2. Select the target air conditioner to enter into the main control interface.



3. Thus, user can control air conditioners on/off status, operation mode, temperature, fan speed and so on.

**NOTE:**

Not all the function of the APP is available on air conditioner. For example: ECO, Turbo, Left and Right Swing, Up and Down swing function, please check the user manual to find more information

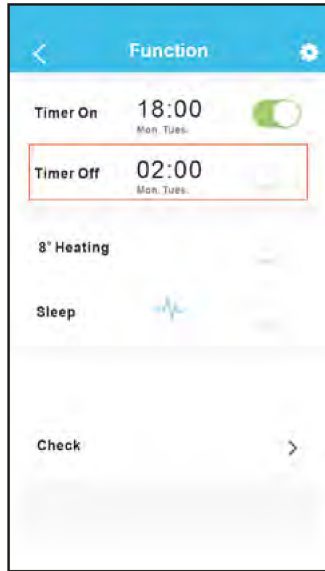
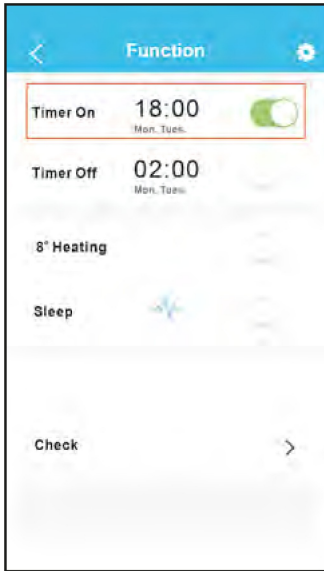
**8. SPECIAL FUNCTIONS**

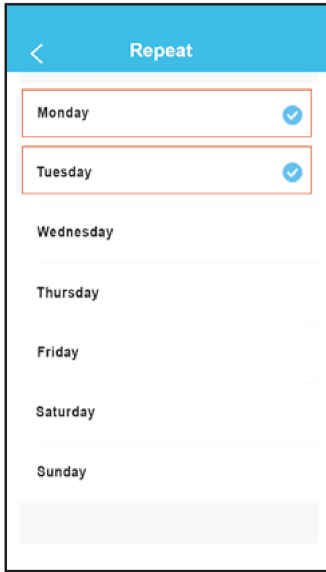
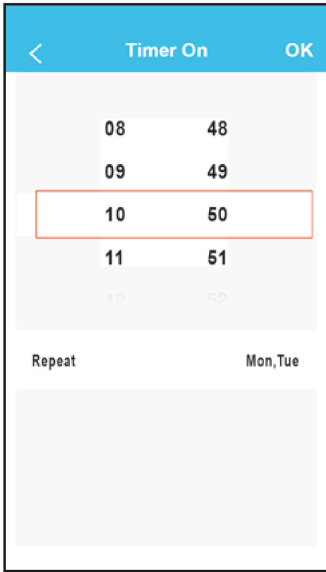
Including: Timer on, Timer off, 8OC Heat, Sleep, Check.

**NOTE:** If the air conditioner do not support the above function, the function will be hidden from the function list.

**Timer on/Timer off**

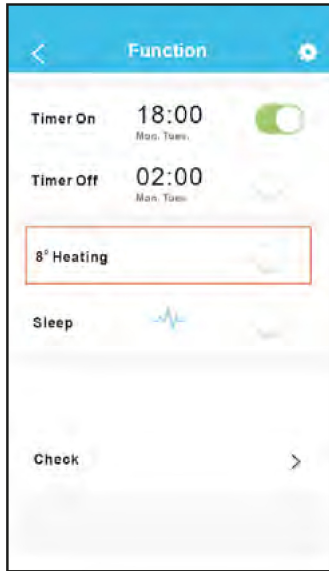
Weekly, user can make an appointment to turn on or off AC on specific time. User also can choose circulation to keep the AC under schedule control every week.





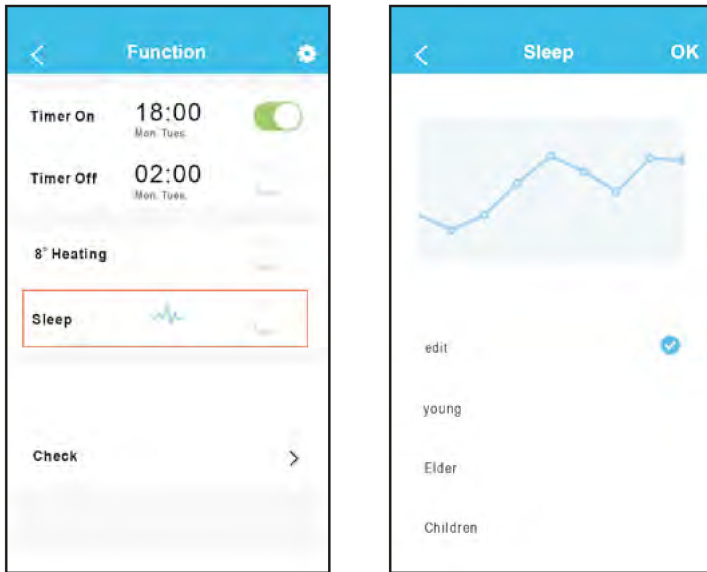
### 8°C HEAT

User can let the AC run under 8°C Heat by one-click. When people go outside, this function can protect your furniture from frost damage.



### Sleep

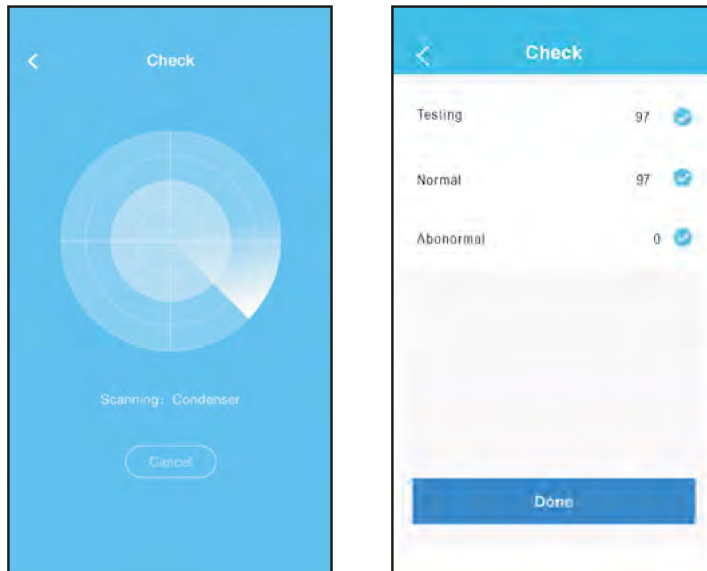
User can customize their own comfortable sleep by setting target temperature.



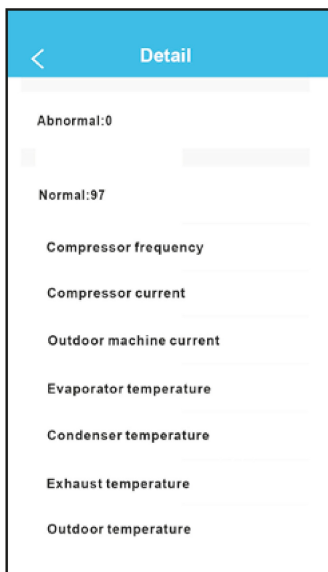
EN

### Check

User can simply check the AC running status with this function. When finishing this procedure, it can display the normal items, abnormal items, and detail information.







## 9. CAUTIONS

- This device complies with Part 15 of the FCC Rules and RSS 210 of Industry & Science Canada. 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.
- Only operate the device in accordance with the instructions supplied. This device complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC and IC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Company will not be liable for any issues and problems caused by Internet, Wi-Fi Router and Smart Devices. Please contact the original provider to get further help.**



# KAISAI

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