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**IMPORTANT NOTE:**

Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

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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 appliance.

- 1) Frequency band(s) in which the radio equipment operates: 2400MHz-2483.5MHz
- 2) Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates: 20dBm



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

R32: 675

## Explanation of Symbols



**DANGER**

Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



**WARNING**

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



**CAUTION**

Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.

**NOTICE**

Indicates important but not hazard-related information, used to indicate risk of property damage.



Indicates a hazard that would be assigned a signal word **WARNING** or **CAUTION**.

## Exception Clauses

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons.

1. Damage the product due to improper use or misuse of the product;
2. Alter, change, maintain or use the product with other equipment without abiding by the instruction manual of manufacturer;
3. After verification, the defect of product is directly caused by corrosive gas;
4. After verification, the defects are due to improper operation during transportation of product;
5. Operate, repair, maintain the unit without abiding by instruction manual or related regulations;
6. After verification, the problem or dispute is caused by the quality specification or performance of parts and components that produced by other manufacturers;
7. The damage is caused by natural calamities, bad using environment or force majeure.

If it needs to install, move or maintain the air conditioner, please contact dealer or local service center to conduct it at first. Air conditioner must be installed, moved or maintained by appointed unit. Otherwise, it may cause serious damage or personal injury or death.

When refrigerant leaks or requires discharge during installation, maintenance, or disassembly, it should be handled by certified professionals or otherwise in compliance with local laws and regulations.



Appliance filled with flammable gas R32.



Before use the appliance, read the owner's manual first.



Before install the appliance, read the installation manual first.



Before repair the appliance, read the service manual first.

## The Refrigerant

- To realize the function of the air conditioner unit, a special refrigerant circulates in the system. The used refrigerant is the fluoride R32, which is specially cleaned. The refrigerant is flammable and inodorous. Furthermore, it can lead to explosion under certain conditions. But the flammability of the refrigerant is very low. It can be ignited only by fire.
- Compared to common refrigerants, R32 is a nonpolluting refrigerant with no harm to the ozonosphere. The influence upon the greenhouse effect is also lower. R32 has got very good thermodynamic features which lead to a really high energy efficiency. The units therefore need a less filling.

### WARNING:

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacture. Should repair be necessary, contact your nearest authorized Service Centre. Any repairs carried out by unqualified personnel may be dangerous. The appliance shall be stored in a room without continuously operating ignition sources. (for example: open flames, an operating gas appliance or an operating electric heater.) Do not pierce or burn.

Appliance shall be installed, operated and stored in a room with a floor area larger than  $X \text{ m}^2$ . (Please refer to table "a" in section of " Safety operation of flammable refrigerant " for Space X.)

Appliance filled with flammable gas R32. For repairs, strictly follow manufacturer's instructions only. Be aware that refrigerants may not contain an odour. Read specialist's manual.





### WARNING

#### **Operation and Maintenance**

- 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.
- Do not connect air conditioner to multi-purpose socket. Otherwise, it may cause fire hazard.
- Do disconnect power supply when cleaning air conditioner. Otherwise, it may cause electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not wash the air conditioner with water to avoid electric shock.
- Do not spray water on indoor unit. It may cause electric shock or malfunction.
- After removing the filter, do not touch fins to avoid injury.
- Do not use fire or hair dryer to dry the filter to avoid deformation or fire hazard.

## Precautions



### WARNING

- Maintenance must be performed by qualified professionals. Otherwise, it may cause personal injury or damage.
- Do not repair air conditioner by yourself. It may cause electric shock or damage. Please contact dealer when you need to repair air conditioner.
- Do not extend fingers or objects into air inlet or air outlet. It may cause personal injury or damage.
- Do not block air outlet or air inlet. It may cause malfunction.
- Do not spill water on the remote controller, otherwise the remote controller may be broken.
- When below phenomenon occurs, please turn off air conditioner and disconnect power immediately, and then contact the dealer or qualified professionals for service.
  - Power cord is overheating or damaged.
  - There's abnormal sound during operation.
  - Circuit break trips off frequently.
  - Air conditioner gives off burning smell.
  - Indoor unit is leaking.
- If the air conditioner operates under abnormal conditions, it may cause malfunction, electric shock or fire hazard.
- When turning on or turning off the unit by emergency operation switch, please press this switch with an insulating object other than metal.
- Do not step on top panel of outdoor unit, or put heavy objects. It may cause damage or personal injury.



### WARNING

#### Attachment

- Installation must be performed by qualified professionals. Otherwise, it may cause personal injury or damage.
- Must follow the electric safety regulations when installing the unit.
- According to the local safety regulations, use qualified power supply circuit and circuit break.
- Do install the circuit break. If not, it may cause malfunction.
- An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring.
- Including an circuit break with suitable capacity, please note the following table. Air switch should be included magnet buckle and heating buckle function, it can protect the circuit-short and overload.
- Air Conditioner should be properly grounded. Incorrect grounding may cause electric shock.
- Don't use unqualified power cord.
- Make sure the power supply matches with the requirement of air conditioner. Unstable power supply or incorrect wiring may result in electric shock, fire hazard or malfunction. Please install proper power supply cables before using the air conditioner.
- Properly connect the live wire, neutral wire and grounding wire of power socket.
- Be sure to cut off the power supply before proceeding any work related to electricity and safety.



## Precautions



### WARNING

- Do not put through the power before finishing installation.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The temperature of refrigerant circuit will be high, please keep the interconnection cable away from the copper tube.
- The appliance shall be installed in accordance with national wiring regulations.
- Installation must be performed in accordance with the requirement of NEC and CEC by authorized personnel only.
- The air conditioner is the first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
- The yellow-green wire in air conditioner is grounding wire, which can't be used for other purposes.
- The grounding resistance should comply with national electric safety regulations.
- The appliance must be positioned so that the plug is accessible.
- All wires of indoor unit and outdoor unit should be connected by a professional.
- If the length of power connection wire is insufficient, please contact the supplier for a new one. Avoid extending the wire by yourself.

## Precautions



### WARNING

- For the air conditioner with plug, the plug should be reachable after finishing installation.
- For the air conditioner without plug, an circuit break must be installed in the line.
- If you need to relocate the air conditioner to another place, only the qualified person can perform the work. Otherwise, it may cause personal injury or damage.
- Select a location which is out of reach for children and far away from animals or plants. If it is unavoidable, please add the fence for safety purpose.
- The indoor unit should be installed close to the wall.
- Please notice that the unit is filled with flammable gas R32. Inappropriate treatment of the unit involves the risk of severe damages of people and material. Details to this refrigerant are found in chapter “refrigerant”.
- Check whether the maintenance area or the room area meet the requirement of the nameplate.
  - It's only allowed to be operated in the rooms that meet the requirement of the nameplate.
- Check whether the maintenance area is well-ventilated.
  - The continuous ventilation status should be kept during the operation process.
- Check whether there is fire source or potential fire source in the maintenance area.
  - The naked flame is prohibited in the maintenance area; and the “no smoking” warning board should be hanged.
- Check whether the appliance mark is in good condition.
  - Replace the vague or damaged warning mark.
- Please use the flammable gas detector to check before unload and open the container.
- No fire source and smoking.
- According to the local rules and laws.

## Precautions



### WARNING

- The air conditioner is not allowed to use in a room that has running fire (such as fire source, working coal gas ware, operating heater).
- It is not allowed to drill hole or burn the connection pipe.
- The air conditioner must be installed in a room that is larger than the minimum room area. The minimum room area is shown on the nameplate or following table a.
- Leak test is a must after installation.
- Instructions for installation and use of this product are provided by the manufacturer.

### Working temperature range

	Indoor side DB/WB(°C )	Outdoor side DB/WB(°C )
Maximum cooling	32/23	50/26
Maximum heating	27/-	30/18

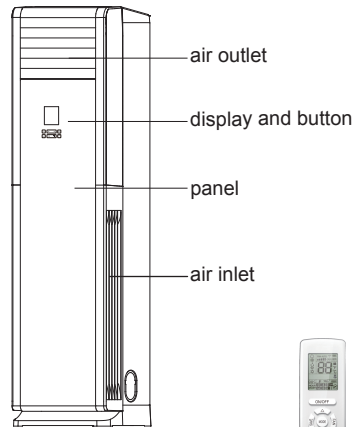
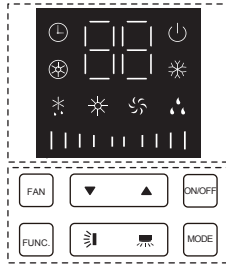
### NOTICE:

- The operating temperature range (outdoor temperature) for cooling only unit is -15°C ~ 50°C ; for heat pump unit is -15°C ~ 50°C.

# Parts Name

## Indoor Unit

display and button

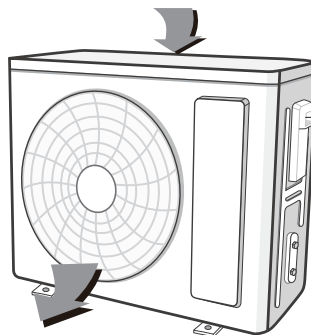


remote controller

(Display content or position may be different from above graphics, please refer to actual products)

## Outdoor Unit

Air inlet (back)

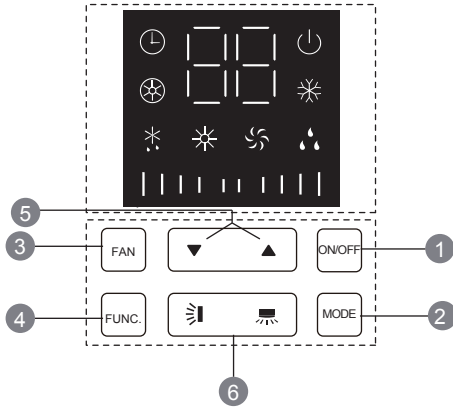


Air outlet

### **NOTICE:**

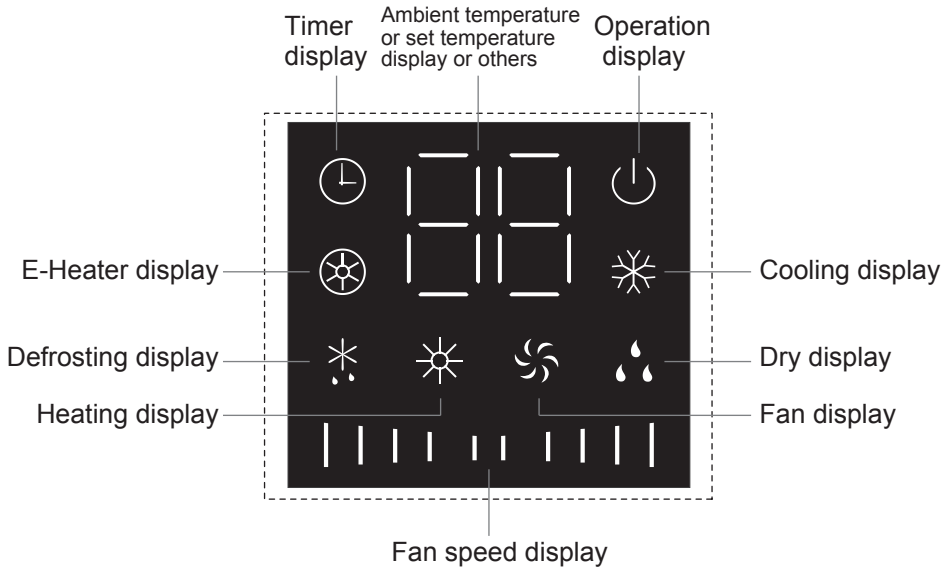
Actual product may be different from above graphics, please refer to actual products.

# Button's Name and Function



- 1 ON/OFF button
- 2 MODE button
- 3 FAN button
- 4 FUNCTION button
- 5 ▼/▲ button
- 6 ☀/❄ button

# Introduction for icons on display screen of air conditioner



# Button's introduction

## Note:

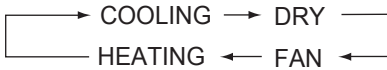
This series unit adopts touch buttons. You only need to touch the buttons slightly.

### 1 ON/OFF button

- Press this button to turn on or turn off the unit. (Note: Under X-FAN mode, press this button to turn on the unit directly.)

### 2 MODE button

- Every time press this button, the mode will switchover in cycle among.



(Note: Cooling only unit won't accept heating operation signal. For cooling only unit, pressing MODE button under FAN mode will skip heating mode and enter cooling mode.)

### 3 FAN button

- Press this button and then fan speed can be selected and displayed in the sequence as below:

| | | (low) → | | | | (medium) → | | | | | | (high) →  
| | | | | | | (turbo)

(Note: Only low fan speed is available for dry mode. Fan speed can't be adjusted under dry mode. Turbo cannot be set in FAN mode.)

### 4 FUNCTION button

- Under on status, press Function button to switch between timer and auxiliary heating function setting (auxiliary heating can be set only in heating mode). When timer or auxiliary heating icon is blinking, it means this function can be set. Press "▲" or "▼" button to set function. If there's no operation change within 5s after setting is finished, the function setting will be confirmed. Or press Function button again to exit or confirm the function. When the function is selected through Function button, if the unit is not turned off and no remote control signal is received within 2min, pressing Function button again to circulate from the previous set function. After 2min or the unit is turned off or remote control signal is received, pressing Function button again to circulate from timer icon. (Note: Only when the unit is under heating mode and with auxiliary heating function, auxiliary heating function can be turned on or off through Function button.)
- Under off status, if the unit is in X-FAN status, press Function button to turn off the unit directly; if the unit is not in X-FAN status, press Function button to set timer ON.

# Button's introduction

## 5 ▼/▲ button

- After each pressing of "▲" or "▼" button, set temperature will increase or decrease 1°C. Temperature adjustment range is 16°C~30°C. This button is invalid under auto mode. Timer setting can be set in 1h increment among 0~24h. When it is adjusted to auxiliary heating function setting through Function button, press this button to turn on or turn off auxiliary heating. (Note: auxiliary heating is valid only for the model with this function.)
- Hold "▲" and "▼" buttons for 3s and the air conditioner will display "LC", which indicates buttons are locked. Any button under on status or ON/OFF button and function buttons under off status are all invalid. Hold these two button for 3s again to release the lock.

## 6 / button

- Left and right swing: this button controls the left and right swing motor, single press it to switchover between ON and OFF.
- Up and down swing: this button controls the up and down swing motor, single press it to switchover between ON and OFF.

## Icon function introduction

### Operation display

- It indicates the air conditioner is put through the power. Under on status, this indicator is on; under off status, this indicator is off.

### Timer display

- When this indicator is on, it indicates the timer function is turned on.

### Heating display

- When this indicator is on, it indicates the heating mode is turned on.

### Defrosting display

- When this indicator is on, it indicates the defrosting function is turned on.

### Dry display

- When this indicator is on, it indicates the dry mode is turned on.

### E-Heater display

- When this indicator is on, it indicates the E-heater function is turned on.
- This function is only available for some models.

### Cooling display

- When this indicator is on, it indicates the cooling mode is turned on.

### Fan display

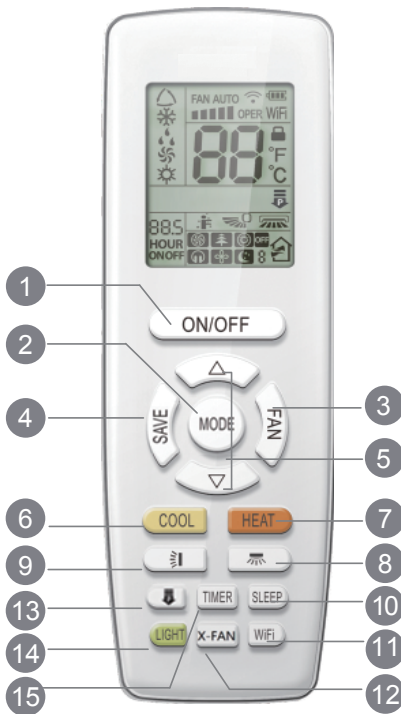
- When this indicator is on, it indicates the fan mode is turned on.

### Fan speed display

- Displays the fan speed. The fan speed is displayed as below:

| | | | | (low) → | | | | | (medium) → | | | | | (high) → | | | | | | | | (turbo)

# Buttons on remote controller



- 1 ON/OFF button
- 2 MODE button
- 3 FAN button
- 4 SAVE button
- 5 ▲/ ▼ button
- 6 COOL button
- 7 HEAT button
- 8 button
- 9 button
- 10 SLEEP button
- 11 WiFi button
- 12 X-FAN button
- 13 button
- 14 LIGHT button
- 15 TIMER button

# Introduction for icons on display screen

**Operation mode**

- Auto mode
- Cool mode
- Dry mode
- Fan mode
- Heat mode

Set time

TIMER ON/TIMER OFF

Turbo fan speed

Quiet mode

X-FAN function

Set fan speed  
(No - fan speed. It's displayed only after turning it on.)

Send signal

battery power

WiFi { This is a general remote controller. Some models have this function while some do not. Please refer to the actual models.

Child lock

Switch temperature displaying type on the unit's display

Power limiting function

Left & right swing

Up & down swing

Sleep mode



# Introduction for buttons on remote controller

## Note:

- This is a general use remote controller, it could be used for the air conditioners with multifunction; For some function, which the model doesn't have, if press the corresponding button on the remote controller that the unit will keep the original running status.
- After putting through the power, the air conditioner will give out a sound. Operation indicator "⏻" is ON . After that, you can operate the air conditioner by using remote controller.
- Under on status, pressing the button on the remote controller, the signal icon "📶" on the display of remote controller will blink once and the air conditioner will give out a "di" sound, which means the signal has been sent to the air conditioner.

## 1 ON/OFF button

Press this button can turn on or turn off the air conditioner. After turning on the air conditioner, indoor unit will give out a sound.

## 2 MODE button

Press this button to select your required operation mode.



- When selecting auto mode, air conditioner will operate automatically according to the sensed temperature. Set temperature can't be adjusted and will not be displayed as well. Press "FAN" button can adjust fan speed. Press "📶" / "📶" button can adjust fan blowing angle.
- After selecting cool mode, air conditioner will operate under cool mode. Cool indicator "❄️" on indoor unit is ON(This indicator is not available for some models). Press "▲" or "▼" button to adjust set temperature. Press "FAN" button to adjust fan speed. Press "📶" / "📶" button to adjust fan blowing angle.
- When selecting dry mode, the air conditioner operates at low speed under dry mode. Dry indicator "💧" on indoor unit is ON(This indicator is not available for some models). Under dry mode, fan speed can't be adjusted. Press "📶" / "📶" button to adjust fan blowing angle.
- When selecting fan mode, the air conditioner will only blow fan, no cooling and no heating. Fan indicator "🌀" on indoor unit is ON. Press "FAN" button to adjust fan speed. Press "📶" / "📶" button to adjust fan blowing angle.

# Introduction for buttons on remote controller

- When selecting heating mode, the air conditioner operates under heat mode. Heat indicator "☀" on indoor unit is ON(This indicator is not available for some models). Press "▲" or "▼" button to adjust set temperature. Press "FAN" button to adjust fan speed. Press "🌀" / "🌀" button to adjust fan blowing angle. (Cooling only unit won't receive heating mode signal. If setting heat mode with remote controller, press ON/OFF button can't start up the unit).

## Note:

- For preventing cold air, after starting up heating mode, indoor unit will delay 1~5 minutes to blow air (actual delay time is depend on indoor ambient temperature).
- Set temperature range from remote controller: 16~30°C(61~86°F);  
Fan speed: auto, quiet speed, low speed, medium speed, high speed, turbo speed.

## 3 FAN button

Pressing this button can set fan speed circularly as: auto (AUTO), QUIET(🔇), low(■), medium(■■), high(■■■), turbo(🌀).



## Note:

- Under AUTO speed, air conditioner will select proper fan speed automatically according to ex-factory setting.
- It's Low fan speed under Dry mode.
- Turbo cannot be set in FAN mode.

## 4 SAVE button

Under cooling mode, press this button to start up or turn off energy-saving function. When energy-saving function is started up, "SE" will be shown on remote controller, and air conditioner will adjust the set temperature automatically according to ex-factory setting to reach to the best energy-saving effect. Press this button again to exit energy-saving function.

## 5 ▲/ ▼ button

- Press "▲" or "▼" button once increase or decrease set temperature 1°C (°F). Holding "▲" or "▼" button, 2s later, set temperature on remote controller will change quickly. On releasing button after setting is finished, temperature indicator on indoor unit will change accordingly. (Temperature can't be adjusted under auto mode)
- When setting TIMER ON, TIMER OFF, press "▲" or "▼" button to adjust time. (Refer to TIMER button for details)

# Introduction for buttons on remote controller





## 6 COOL button

- Press this button, unit will operate in cool mode.

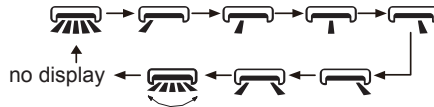
## 7 HEAT button




- Press this button, unit will operate in heat mode.

## 8 button





- Under simple swing mode, press this button can turn on ("" icon is displayed) or turn off ("" icon is not displayed) the left&right swing function.
- When the unit is turned off by remote controller, press "▲" button and "" button can switch between single swing mode and fixed-angle swing mode. "" on the remote controller will flash twice.

Under fixed-angle swing mode, press this button and then left&right swing status will circulate as shown in the right figure:

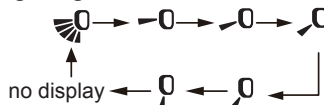


- This remote controller is the general type remote controller. When remote controller receives the signal of "", swing status is same as ""; when remote controller receives "", swing status is same as left&right swing OFF.

## 9 button

- Under simple swing mode, press this button can turn on ("" icon is displayed) or turn off ("" icon is not displayed) the up&down swing function.
- When the unit is turned off by remote controller, press "▲" button and "" button can switch between single swing mode and fixed-angle swing mode. "" on the remote controller will flash twice.

Under fixed-angle swing mode, press this button and the up&down swing status will circulate as shown in the right figure:



# Introduction for buttons on remote controller

## 10 SLEEP button

Under COOL or HEAT mode, press this button to start up sleep function.

"☾" icon is displayed on remote controller. Press this button again to cancel sleep function and "☾" icon will disappear. After powered on, Sleep Off is defaulted. After the unit is turned off, the Sleep function is canceled.

In this mode, set temperature will be adjusted with the change of time. Under Fan, DRY and Auto modes, this function is not available.

## 11 WiFi button

Press "WiFi" button to turn on WiFi function, "WiFi" icon will be displayed on the remote controller;

Hold "WiFi" button for 5s to turn off WiFi function and "WiFi" icon will disappear. Under off status, press "MODE" and "WiFi" buttons simultaneously for 1s, WiFi module will restore factory settings.

- This function is only available for some models.


## 12 X-FAN button

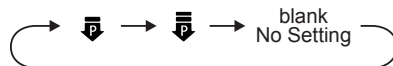
Pressing this button in COOL or DRY mode, the icon "⊗" is displayed and the indoor fan will continue operation for a few minutes in order to dry the indoor unit even though you have turned off the unit. After energization, X-FAN OFF is defaulted. X-FAN is not available in AUTO, FAN or HEAT mode.




This function indicates that moisture on evaporator of indoor unit will be blown after the unit is stopped to avoid mould.

- Having set X-FAN function on: After turning off the unit by pressing ON/OFF button indoor fan will continue running for about a few minutes. at low speed. In this period, press X-FAN button to stop indoor fan directly.
- Having set X-FAN function off: After turning off the unit by pressing ON/OFF button, the complete unit will be off directly.
- Only under cooling mode and dry mode, press this button can turn on (characters of "X-FAN" are displayed) or turn off (characters of "X-FAN" are not displayed) X-FAN function.


## 13 button

 function is for limiting power of the whole unit. Press this button, the controller will circularly display as the following:



- Maximum power limited under the  mode is lower than that of  mode.
- If you want to cancel the power limiting function, press the button  till the icon in remote controller is not displayed.
- When the remote controller is turned off, power limiting function is cancelled. If you want to activate the function, please repress this button.

# Introduction for buttons on remote controller

- If the current power is lower than the maximum power of  mode, then the power will not be limited after entering into such mode.
- For the model with one outdoor unit and two indoor units, if any one of indoor units enters into power limiting function, the outdoor unit will enter into the set limiting power mode of indoor unit; when two indoor units enter into power limiting mode, then the power of outdoor unit will be limited according to the lower power of the two indoor units.

## NOTE

- The function is only available for the model with such function.

## 14 LIGHT button

Press this button to turn off display light on indoor unit. Press this button again to turn on display light.

## 15 TIMER button



- At ON status, press this button once can set TIMER OFF. The character of HOUR and OFF will flash. Press "▲" or "▼" button within 5s can adjust the time of TIMER ON. After each pressing of "▲" or "▼" button, time will increase or decrease half an hour. When holding "▲" or "▼" button, 2s later, the time will change quickly until to reach to your required time. After that, press "TIMER" button to confirm it. The character of HOUR and OFF won't flash again.  
Cancel TIMER OFF: Press "TIMER" button again under TIMER OFF status.
- At OFF status, press this button once can set TIMER ON. Please refer to TIMER off for detailed operation.  
Cancel TIMER ON: Press "TIMER" button again under TIMER ON status.

### Note:

- Time setting range: 0.5-24 hours.
- Time interval between two operations can't exceed 5s. Otherwise, remote controller will exit the setting status automatically.

# Function introduction for combination buttons

## Child lock function

Press "▲" and "▼" simultaneously to turn on or turn off child lock function. When child lock function is on,  icon is displayed on remote controller. If you operate the remote controller, the  icon will blink three times without sending signal to the unit.

## Auto clean function

Under unit off status, hold "MODE" and "FAN" buttons simultaneously for 5s to turn on or turn off the auto clean function. When the auto clean function is turned on, indoor unit displays "CL". During the auto clean process of evaporator, the unit will perform fast cooling or fast heating. There may be some noise, which is the sound of flowing liquid or thermal expansion or cold shrinkage. The air conditioner may blow cool or warm air, which is a normal phenomenon. During cleaning process, please make sure the room is well ventilated to avoid affecting the comfort.

### Note:

- The auto clean function can only work under normal ambient temperature. If the room is dusty, clean it once a month; if not, clean it once every three months. After the auto clean function is turned on, you can leave the room. When auto clean is finished, the air conditioner will enter standby status.
- This function is only available for some models.

## Replacement of batteries in remote controller

1. Lift the cover along the direction of arrow (as shown in Fig 1 ①).
2. Take out the original batteries (as shown in Fig 1 ②).
3. Place two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar is correct (as shown in Fig 2 ③).
4. Reinstall the cover (as shown in Fig 2 ④).

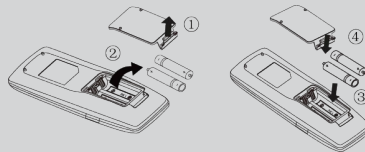


Fig.1

Fig.2

### NOTICE

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.

# Clean and maintenance

## Note:

- Turn off the air conditioner and disconnect the power before cleaning the air conditioner to avoid electric shock.
- Do not wash the air conditioner with water to avoid electric shock.
- Do not use volatile liquid to clean the air conditioner.
- Do not use liquid or corrosive detergent clean the appliance and do not splash water or other liquid onto it, otherwise, it may damage the plastic components, even cause electric shock.

## Clean surface of indoor unit

When the surface of indoor unit is dirty, it is recommended to use a soft dry cloth or wet cloth to wipe it.

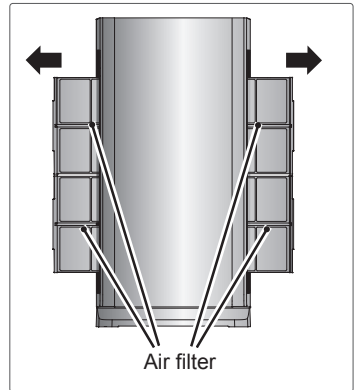
### Note:

- Do not remove the panel when cleaning it.

## Clean filter

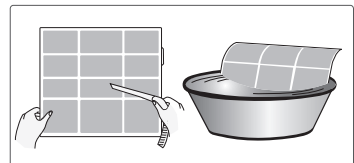
### 1. Remove the filter

- Draw out and pull the filter at both sides of the air-in panel according to the arrow direction as shown in the figure.
- Reinstall the filter by the reverse procedure. Please pay attention to the front side and back side ("front" and "back" characters are marked on the filter) of the filter when installing it.



### 2. Clean filter

- Please pat the filter or use electric dust catcher to clean the filter. If there are too much dust on the filter, please use warm water with little neutral detergent to clean it, and then use warm water to wash it.
- When cleaning is finished, dry it and then reinstall it.



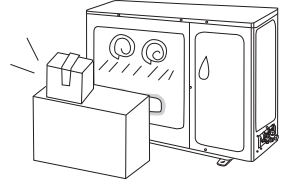
### Note:

Do not put the filter under sunshine directly or put it next to the fire to dry it. Otherwise, the filter may be distorted.

## Clean and maintenance

### **NOTICE: Checking before use-season**

1. Check whether air inlet and air outlet are blocked.
2. Check whether air switch, plug and socket are in good condition.
3. Check whether filter is clean.
4. Check whether the remote controller is installed with batteries.
5. Check whether mounting bracket for outdoor unit is damaged or corroded. If yes, please contact dealer.
6. Check whether drainage pipe is damaged.



### **NOTICE: Checking after use-season**

1. Disconnect power supply.
2. Clean filter and indoor unit's panel.
3. Clear dust and obstructions from the outdoor unit.
4. Check whether mounting bracket for outdoor unit is damaged or corroded. If yes, please contact dealer.

### **Notice for recovery**

1. Many packing materials are recyclable materials. Please dispose them in appropriate recycling unit.
2. If you want to dispose the air conditioner, please contact local dealer or consultant service center for the correct disposal method.



# Malfunction

## General phenomenon analysis

Please check below items before asking for maintenance. If the malfunction still can't be eliminated, please contact local dealer or qualified professionals.

Phenomenon	Check items	Solution
Indoor unit can't receive remote controller's signal or remote controller has no action.	<ul style="list-style-type: none"> <li>Whether it's interfered severely (such as static electricity, stable voltage)?</li> </ul>	<ul style="list-style-type: none"> <li>Pull out the plug. Reinsert the plug after about 3min, and then turn on the unit again.</li> </ul>
	<ul style="list-style-type: none"> <li>Whether remote controller is within the signal receiving range?</li> </ul>	<ul style="list-style-type: none"> <li>Signal receiving range is 8m.</li> </ul>
	<ul style="list-style-type: none"> <li>Whether there are obstacles?</li> </ul>	<ul style="list-style-type: none"> <li>Remove obstacles.</li> </ul>
	<ul style="list-style-type: none"> <li>Whether remote controller is pointing at the receiving window?</li> </ul>	<ul style="list-style-type: none"> <li>Select proper angle and point the remote controller at the receiving window on indoor unit.</li> </ul>
	<ul style="list-style-type: none"> <li>Is sensitivity of remote controller low; fuzzy display and no display?</li> </ul>	<ul style="list-style-type: none"> <li>Check the batteries. If the power of batteries is too low, please replace them.</li> </ul>
	<ul style="list-style-type: none"> <li>No display when operating remote controller?</li> </ul>	<ul style="list-style-type: none"> <li>Check whether remote controller appears to be damaged. If yes, replace it.</li> </ul>
	<ul style="list-style-type: none"> <li>Fluorescent lamp in room?</li> </ul>	<ul style="list-style-type: none"> <li>Take the remote controller close to indoor unit.</li> <li>Turn off the fluorescent lamp and then try it again.</li> </ul>
Air conditioner can't operate	<ul style="list-style-type: none"> <li>Power failure?</li> </ul>	<ul style="list-style-type: none"> <li>wait until power recovery.</li> </ul>
	<ul style="list-style-type: none"> <li>Is plug loose?</li> </ul>	<ul style="list-style-type: none"> <li>Reinsert the plug.</li> </ul>
	<ul style="list-style-type: none"> <li>Air switch trips off or fuse is burnt out?</li> </ul>	<ul style="list-style-type: none"> <li>Ask professional to replace air switch or fuse.</li> </ul>
	<ul style="list-style-type: none"> <li>Wiring has malfunction?</li> </ul>	<ul style="list-style-type: none"> <li>Ask professional to replace it.</li> </ul>
	<ul style="list-style-type: none"> <li>Unit has restarted immediately after stopping operation?</li> </ul>	<ul style="list-style-type: none"> <li>Wait for 3min, and then turn on the unit again.</li> </ul>
	<ul style="list-style-type: none"> <li>Whether the function setting for remote controller is correct?</li> </ul>	<ul style="list-style-type: none"> <li>Reset the function.</li> </ul>

# Malfunction

Phenomenon	Check items	Solution
Mist is emitted from indoor unit's air outlet	<ul style="list-style-type: none"> <li>Indoor temperature and humidity is high?</li> </ul>	<ul style="list-style-type: none"> <li>Because indoor air is cooled rapidly. After a while, indoor temperature and humidity will be decrease and mist will disappear.</li> </ul>
No air emitted from indoor unit	<ul style="list-style-type: none"> <li>Air inlet or air outlet of indoor unit is blocked?</li> </ul>	<ul style="list-style-type: none"> <li>Eliminate obstacles.</li> </ul>
	<ul style="list-style-type: none"> <li>Under heating mode, indoor temperature is reached to set temperature?</li> </ul>	<ul style="list-style-type: none"> <li>After reaching to set temperature, indoor unit will stop blowing out air.</li> </ul>
	<ul style="list-style-type: none"> <li>Heating mode is turned on just now?</li> </ul>	<ul style="list-style-type: none"> <li>In order to prevent blowing out cold air, indoor unit will be started after delaying for several minutes, which is a normal phenomenon.</li> </ul>
Set temperature can't be adjusted	<ul style="list-style-type: none"> <li>Unit is operating under auto mode?</li> </ul>	<ul style="list-style-type: none"> <li>Temperature can't be adjusted under auto mode. Please switch the operation mode if you need to adjust temperature.</li> </ul>
	<ul style="list-style-type: none"> <li>Your required temperature exceeds the set temperature range?</li> </ul>	<ul style="list-style-type: none"> <li>Set temperature range: 16°C~30°C.</li> </ul>
Cooling (heating) effect is not good.	<ul style="list-style-type: none"> <li>Voltage is too low?</li> </ul>	<ul style="list-style-type: none"> <li>Wait until the voltage resumes normal.</li> </ul>
	<ul style="list-style-type: none"> <li>Filter is dirty?</li> </ul>	<ul style="list-style-type: none"> <li>Clean the filter.</li> </ul>
	<ul style="list-style-type: none"> <li>Set temperature is in proper range?</li> </ul>	<ul style="list-style-type: none"> <li>Adjust temperature to proper range.</li> </ul>
	<ul style="list-style-type: none"> <li>Door and window are open?</li> </ul>	<ul style="list-style-type: none"> <li>Close door and window.</li> </ul>
Odours are emitted	<ul style="list-style-type: none"> <li>Whether there's odour source, such as furniture and cigarette, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Eliminate the odour source.</li> </ul>
		<ul style="list-style-type: none"> <li>Clean the filter.</li> </ul>

# Malfunction

Phenomenon	Check items	Solution
Air conditioner operates normally suddenly	<ul style="list-style-type: none"><li>• Whether there's interference, such as thunder, wireless devices, etc.</li></ul>	<ul style="list-style-type: none"><li>• Disconnect power, put back power, and then turn on the unit again.</li></ul>
Outdoor unit has vapor	<ul style="list-style-type: none"><li>• Heating mode is turned on?</li></ul>	<ul style="list-style-type: none"><li>• During defrosting under heating mode, it may generate vapor, which is a normal phenomenon.</li></ul>
"Water flowing" noise	<ul style="list-style-type: none"><li>• Air conditioner is turned on or turned off just now?</li></ul>	<ul style="list-style-type: none"><li>• The noise is the sound of refrigerant flowing inside the unit, which is a normal phenomenon.</li></ul>
Cracking noise	<ul style="list-style-type: none"><li>• Air conditioner is turned on or turned off just now?</li></ul>	<ul style="list-style-type: none"><li>• This is the sound of friction caused by expansion and/or contraction of panel or other parts due to the change of temperature.</li></ul>

# Malfunction

## Error code

- When air conditioner status is abnormal, temperature indicator on indoor unit will blink to display corresponding error code. Please refer to below list for identification of error code.

Error code	Troubleshooting
H3	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
H6	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E1	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E3	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E4	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E5	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E6	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
E8	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
e6	It can be eliminated after restarting the unit. If not, please contact qualified professionals to deal with it.
F0	Please contact qualified professionals to deal with it.
F1	Please contact qualified professionals to deal with it.
F2	Please contact qualified professionals to deal with it.
F3	Please contact qualified professionals to deal with it.
F4	Please contact qualified professionals to deal with it.
F5	Please contact qualified professionals to deal with it.

Note: If there're other error codes, please contact qualified professionals for service.



## WARNING

- When below phenomenon occurs, please turn off air conditioner and disconnect power immediately, and then contact the dealer or qualified professionals for service.
  - Power cord is overheating or damaged.
  - There's abnormal sound during operation.
  - Air switch trips off frequently.
  - Air conditioner gives off burning smell.
  - Indoor unit is leaking.
- Do not repair or refit the air conditioner by yourself.
- If the air conditioner operates under abnormal conditions, it may cause malfunction, electric shock or fire hazard.





## NOTE CONCERNING PROTECTION OF ENVIRONMENT



This product must not be disposed of via normal household waste after its service life, but must be taken to a collection station for the recycling of electrical and electronic devices. The symbol on the product, the operating instructions or the packaging indicate such disposal procedures. The materials are recyclable in accordance with their respective symbols. By means of re-use, material recycling or any other form of recycling old appliances you are making an important contribution to the protection of our environment. Please ask your local council where your nearest disposal station is located.

## INFORMATION CONCERNING USED REFRIGERANT MEDIUM

This unit is containing fluorinated gases included in the Kyoto protocol. The maintenance and the liquidation must be carried out by qualified personnel.

Type of refrigerant: R32

The quantity of the refrigerant: Please see the unit label.

The value GWP: 675 (1 kg R32 = 0,675 t CO<sub>2</sub> eq)

GWP = Global Warming Potential



Appliance filled with flammable gas R32.

In case of quality problem or other please contact your local supplier or authorized service center.

**Emergency number: 112**

## PRODUCER

SINCLAIR CORPORATION Ltd.

16 Great Queen Street

WC2B 5AH London

United Kingdom

[www.sinclair-world.com](http://www.sinclair-world.com)

This product was manufactured in China (Made in China).

## REPRESENTATIVE

SINCLAIR Global Group s.r.o.

Purkynova 45

612 00 Brno

Czech Republic

## TECHNICAL SUPPORT

SINCLAIR Global Group s.r.o.

Purkynova 45

612 00 Brno

Czech Republic

Tel.: +420 800 100 285 | Fax: +420 541 590 124

[www.sinclair-solutions.com](http://www.sinclair-solutions.com) | [info@sinclair-solutions.com](mailto:info@sinclair-solutions.com)





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AIR CONDITIONING