Parts name

Indoor Unit

air inlet   panel   filter

aux. button

air outlet   horizontal louver
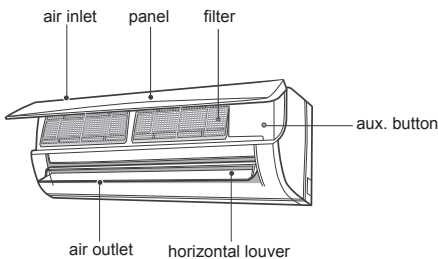
■ If remote controller is lost or damaged, please use aux.button to turn on or turn off the air conditioner. The operation in details is as below: As shown in the figure, open panel and press aux.button to turn off the air conditioner. When the air conditioner is turned on, it will operate under auto mode.

Display

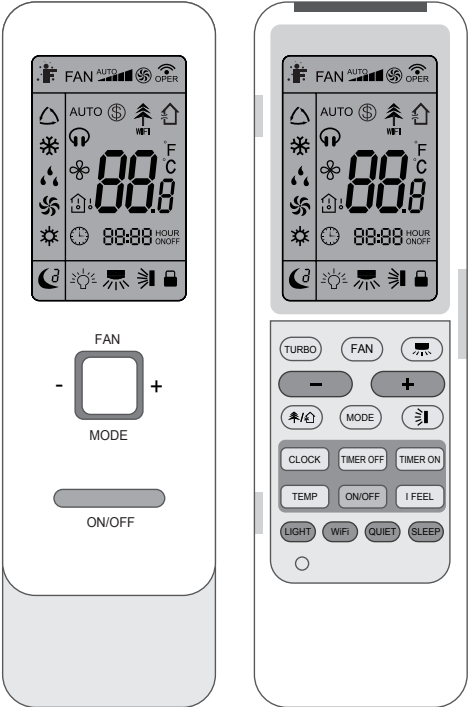| Heat mode	☼
Cool mode	❄
Temp. indicator	25.8
Power indicator	⏻

NOTE

● This is the general introduction and the color of in dicator is only for reference. Please refer to the actual display.
● Display content may be different from the actual. Please refer to the actual display.

Operation and introduction of remote controller

▐ Buttons on remote controller

▐ Introduction for icons on display screen

(before opening cover)

(after opening cover)

⠇⠋		I feel
FAN ^AUTO ▂▃▅▆		Set fan speed
⊛		Turbo mode
⌒		Send signal
Operation mode	△	Auto mode
	❄	Cool mode
	☌	Dry mode
	♖	Fan mode
	☼	Heat mode
☽		Sleep mode
⑤		8°C heating function
⪡		Health mode
⌂		Scavenging function
WIFI		WiFi function
⋒		Quiet
❖		X-FAN function
🏠	⌂ Set temp.	
Temp. display type	⌂ Indoor ambient temp.	
	⌂ Outdoor ambient temp.	
⊕		Clock
88₈		Set temperature
88:88		Set time
HOUR ONOFF		TIMER ON / TIMER OFF
☼		Light
⠶		Left & right swing
⇉		Up & down swing
▮		Child lock

14
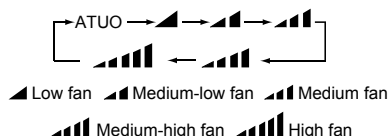
⊞ Introduction for buttons on remote controller

- This is a general use remote controller. It could be used for the air conditioner with multifunction. For the functions which the model doesn't have, if press the corresponding button on the remote controller, the unit will keep the original running status.
- After putting through the power, the air conditioner will give out a sound. Power indicator " (¹) " 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 condition-er will give out a "di" sound, which means the signal has been sent to the air conditioner.
- Under off status, set temperature and clock icon will be displayed on the display of remote controller (If timer on, timer off and light functions are set, the corresponding icons will be displayed on the display of remote controller at the same time); Under on status, the display will show the corresponding set function icons.

ON/OFF button

Press this button to turn on the unit. Press this button again to turn off the unit.

FAN button

Press this button, Auto, Low, Medium-low, Medium, Medium-high, High speed can be circularly select-ed. After powered on, auto fan speed is default. Under dry mode, low fan speed only can be set up.

ATUO → ◢ → ◢◢ → ◢◢◢

◢◢◢◢◢ ← ◢◢◢◢

◢ Low fan ◢◢ Medium-low fan ◢◢◢ Medium fan

◢◢◢◢ Medium-high fan ◢◢◢◢◢ High fan

NOTE
- It's low fan speed under dry mode.
- X-FAN function Hold fan speed button for 2s in cool or dry mode, the icon " �ⁿ " is displayed and the in-door fan will continue operation for a few minutes in order to dry the indoor unit even though you have turn-ed 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 blowed 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 a few minutes. at low speed. In this per- iod, Hold fan speed button for 2s 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.

MODE button

Press this button, Auto, Cool, Dry, Fan, Heat mode can be selected circularly. Auto mode is default while power on. Under Heat mode, the initial value is 28°C(82°F) Under other modes, the initial value is 25°C(77°F).

AUTO   COOL   DRY   FAN   HEAT
△ → ❄ → ᴖᴖ → 🌀 → ☼

NOTE
- Heat mode: Only for models with heating function.
- Under auto mode, temperature can be displayed; Under auto mode, set temperature can be adjusted.

(−) / (+) button

Press " + " or " - " button once increase or decrease set temperature 0.1°C(°F). Holding " + " or " - " button, set temperature on remote controller will change quickly. On releasing button after setting is finished, temperature indicator on indoor unit will change accordingly.
When setting TIMER ON, TIMER OFF or CLOCK, press " + " or " - " button to adjust time. (Refer to CLOCK, TIMER ON, TIMER OFF buttons)
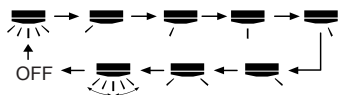
TURBO button

Under cool or heat mode, press this button can turn on or turn off the turbo function. After the turbo func-tion turned on, the signal of turbo will display. The signal will be automatically cancelled if changing the mode or fan speed.

 button

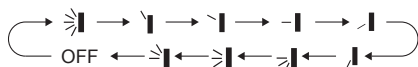Press this button to set left & right swing angle cycling as below:

 button

Press this button to set swing angle, which circularly changes as below:

This remote controller is universal. If it receives threes kinds of following status, the swing angle will remain original.

If guide louver is stopped when it is swinging up and down, it will remain its present position.
⇥❚ indicates guide louver swings back and forth in the five places, as shown in the figure.

CLOCK button

Press this button, the clock can be set up, signal ⊕ blink and display. Within 5 seconds, the value can be adjusted by pressing + or - button, if continuously press this button for 2 seconds above, in every 0.5 seconds, the value on ten place of minute will be increased 1. During blinking, repress the clock button or confirm button, signal ⊕ will be constantly displayed and it denotes the setting succeeded. After powered on, 12:00 is defaulted to display and signal ⊕ will be displayed. If there is signal ⊕ be displayed that denotes the current time value is clock value, otherwise is Timer value.
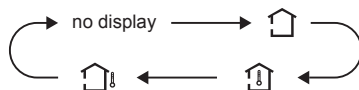
TIMER OFF / TIMER ON button

● Timer On setting: Signal "ON" will blink and display, signal ⊕ will conceal, the numerical section will become the timer on setting status. During 5 seconds blink, by pressing + or - button to adjust the time value of numerical section,

every press of that button, the value will be increased or decreased 1 minute. Hold pressing + or - button, 2 seconds later, it quickly change, the way of change is: During the initial 2.5 seconds, ten numbers change in the one place of minute, then the one place is constant, ten numbers change in the tens place of minute at 2.5 seconds speed and carry. During 5s blink, press the timer on button, the timer setting succeeds. The timer on has been set up, repress the timer on button, the timer on will be canceled.Before setting the timer, please adjust the clock to the current actual time.

● One press this key to enter into TIMER OFF setup, in which case the TIMER OFF icon will blink. The method of setting is the same as for TIMER ON.

TEMP button

● Press this button, you can see indoor set temperature, indoor ambient temperature or outdoor ambient temperature on indoor unit's display. The setting on remote controller is selected circularly as below:

When selecting " ⌂ " with remote controller or no display, temperature indicator on indoor unit displays set temperature. When selecting " ⌂ " with remote controller, temperature indicator on indoor unit displays indoor ambient temperature; When selecting " ⌂ " with remote controller, temperature indicator on indoor unit displays outdoor ambient temperature. 3s later it will return to the setting temperature or it depends on the other received signal within 3s.

Attention: When displaying the outdoor ambient, the displaying range is 0-60°C. When it goes beyond the range, it keeps the threshold data (The smallest — 0°C and the largest 60°C).

Warm tips: When operating buttons on the cover please make sure the cover is closed completely.

(夆/仚) button

Press this button to turn on or turn off the health and scavenging functions in operation status. Press this button for the first time to start scavenging func- tion simultaneously; LCD displays "仚". Press the button for the second time to start health and scavenging functions simultaneously; LCD displays " 仚 " and " 夆 ". Press this button for the third time to quit health and scavenging functions simultaneously. Press the button for the fourth time to start health function; LCD display " 夆 ". Press this button again to re- peat the operation above.

(I FEEL) button

Press this button once, to turn on the I FEEL func- tion, then the figure of "I FEEL" will be displayed, after every press of other function button, every 200ms to send I FEEL once, after this function started, the remote controller will send temperature to the main unit in every 10 minutes. When repress this button, this function will be turned off. When I FEEL function is turned on, the remote controller should be put within the area where indoor unit can receive the signal sent by the remote controller.

(LIGHT) button

Press this button to turn off display light on indoor unit. " ☀ " icon on remote controller disappears. Press this button again to turn on display light. " ☀ " icon is displayed.
Press and hold the LIGHT button for 5 seconds to activate or cancel the auto light function. When the " ☀ " icon on the remote controller blinks 3 times, it means the auto light function is successfully turned on. When this function is active, the panel lamp will light up for 20 seconds every time the indoor unit receives a signal from the remote controller and then go off automatically.

(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.

(QUIET) button

Press this button, the quiet status is under the auto quiet mode (display " ᑭ " and "Auto" signal) and quiet mode (display " ᑭ " signal) and quiet off (there is no signal of " ᑭ " displayed), after powered on, the quiet off is defaulted.
Under the quiet mode (Display " ᑭ " signal).

(SLEEP) button

● Press this button, can select Sleep 1 (☾¹), Sleep 2 (☾²), Sleep 3 (☾³) and cancel the Sleep, circulate between these, after electrified, Sleep cancel is defaulted.

● Sleep 1 is sleep mode 1, in cool, dehumidify modes: sleep status after run for one hour, the main unit setting temperature will increase 1°C, 2 hours, setting temperature increased 2°C, the unit will run at this setting temperature; In heat mode: sleep status after run for one hour, the setting temperature will decrease 1°C, 2 hours, setting temperature will decrease 2°C, then the unit will run at this setting temperature.

● Sleep 2 is sleep mode 2, that is air conditioner will run according to the presetting a group of sleep temperature curve.
In cool mode:
(1) When setting the initial temperature 16°C -23°C, after turned on sleep function, the temperature will be increased 1°C in every hour, after 3°C the temperature will be maintained, after 7 hours, the temperature will be decreased 1°C, after that the unit will keep on running under this temperature;
(2) When setting the initial temperature 24°C-27°C, after turned on sleep function, the temperature will be increased 1°C in every hour, after 2°C the temperature will be maintained, after 7 hours, the temperature will be decreased 1°C, after that the unit will keep on running under this temperature;
(3) When setting the initial temperature 28°C-29°C, after turned on sleep function, the temperature will be increased 1°C in every hour, after 1°C the temperature will be maintained, after 7 hours, the temperature will be decreased 1°C, after that the unit will keep on running under this temperature;

(4) When setting the initial temperature 30°C, under this temperature setting, after 7hours, the temperature will be decreased 1°C, after that the unit will keep on running under this temperature;

In heat mode:

(1) Under the initial presetting temperature 16°C, it will run under this setting temperature all along.

(2) Under the initial presetting temperature 17°C-20°C, after Sleep function started up, the temperature will decrease 1°C in every hour, after 1°C decreased, this temperature will be maintained.

(3) Under the initial presetting temperature 21°C-27°C, after Sleep function started up, the temperature will decrease 1°C in every hour, after 2°C decreased, this temperature will be maintained.

(4) Under the initial presetting temperature 28°C-30°C, after Sleep function started up, the temperature will decrease 1°C in every hour, after 3°C decreased, this temperature will be maintained.

- Sleep 3 - the sleep curve setting under sleep mode by DIY:

(1) Under Sleep 3 mode, press "Turbo" button for a long time, remote controller enters into user individuation sleep setting status, at this time, the time of remote controller will display "1 hour", the setting temperature "88" will display the corresponding temperature of last setting sleep curve and blink (The first entering will display according to the initial curve setting value of original factory);

(2) Adjust "+" and "-" button, could change the corresponding setting temperature, after adjusted, press "Turbo" button for confirmation;

(3) At this time, 1 hour will be automatically increased at the timer position on the remote controller, (that are "2 hours" or "3 hours" or "8 hours"), the place of setting temperature "88" will display the corresponding temperature of last setting sleep curve and blink;

(4) Repeat the above step (2)~(3) operation, until 8hours temperature setting finished, sleep curve setting finished, at this time, the remote controller will resume the original timer display; temperature display will resume to original setting temperature.

- Sleep3 - the sleep curve setting under sleep mode by DIY could be inquired:

The user could accord to sleep curve setting method to inquire the presetting sleep curve, enter into user individuation sleep setting status, but do not change the temperature, press "Turbo" button directly for confirmation.

Introduction for special function

About AUTO RUN

When AUTO RUN mode is selected, the setting temperature will not be displayed on the LCD, the unit will be in accordance with the room temp. automatically to select the suitable running method and to make ambient comfortable.

About turbo function

If start this function, the unit will run at super-high fan speed to cool or heat quickly so that the ambient temperature approachs the preset temperature as soon as possible.

About Child lock

Press + and - buttons simultaneously to lock or unlock the keyboard. If the remote controller is locked, the icon 🔒 will be displayed on it, in which case, press any button, the mark will flicker for three times. If the keyboard is unlocked, the mark will disappear.

About swing up and down

1. Press swing up and down button continuously more than 2s, the main unit will swing back and forth from up to down , and then loosen the button, the unit will stop swing and present position of guide louver will be kept immediately.

2. Under swing up and down mode, when the status is switched from off to ≶⃒ , if press this button again 2s later, ≶⃒ status will switch to off status directly; If press this button again within 2s, the change of swing status will also depend on the circulation sequence stated above.

About swing left and right

1. Press swing left and right button continuously more than 2s, the main unit will swing back and forth from left to right, and then loosen the button, the unit will stop swing and present position of guide louver will be kept immediately.

2. Under swing left and right mode, when the status is switched from off to ⏛, if press this button again 2s later, ⏛ status will switch to off status directly; if press this button again within 2s, the change of swing status will also depend on the circulation sequence stated above.

About switch between Fahrenheit and Centigrade

Under status of unit off, press "MODE" and "-" buttons simultaneously to switch °C and °F.

Combination of "TEMP" and "CLOCK" buttons: About Energy - saving Function

Press "TEMP" and "CLOCK" simultaneously in COOL mode to start energy-saving function. Nixie tube on the remote controller displays "SE". Repeat the operation to quit the function.

Combination of "TEMP" and "CLOCK" buttons: About 8℃ Heating Function

Press "TEMP" and "CLOCK" simultaneously in heat mode to start 8°C heating function. Nixie tube on the remote controller displays "⑤" and a selected temperature of " 8°C ".
(46°F if Fahrenheit is adopted). Repeat the operation to quit the function.

About Quiet function

When quiet function is selected:

1. Under cooling mode: indoor fan operates at notch 4 speed. 10 minutes later or when indoor ambient temperature≤28°C, indoor fan will operate at notch 2 speed or quiet mode according to the comparison between indoor ambient temperature and set temperature.

2. Under heating mode: indoor fan operates at notch 3 speed or quiet mode according to the comparison between indoor ambient temperature and set temperature.

3. Under dry, fan mode: indoor fan operates at quiet mode.

4. Under auto mode: the indoor fan operates at the auto quiet mode according to actual cooling, heating or fan mode.

About Sleep function

Under the fan and auto mode, the sleep function cannot be set up, under dehumidify mode, only sleep 1 can be selected. Select and enter into any kind of sleep mode, the quiet function will be attached and stared, different quiet status could be optional and turned off.

Night mode

Under cooling or heating mode, when turning on sleep mode and turn to low speed or quiet notch, the outdoor unit would enter into night mode.

NOTE
- When you feel that the cooling and heating effect is poor, please press "FAN" button to other fan speed or press "SLEEP" button to exit the night mode.
- The night mode can only work under normal ambient temperature.
- This function is only available for some models.
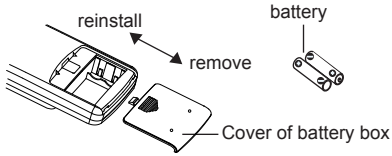
Auto clean function

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

reinstall

battery

remove

Cover of battery box

1. Press the back side of remote controller marked with "≡", as shown in the fig, and then push out the cover of battery box along the arrow direction.
2. Replace two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar are correct.
3. Reinstall the cover of battery box.

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.