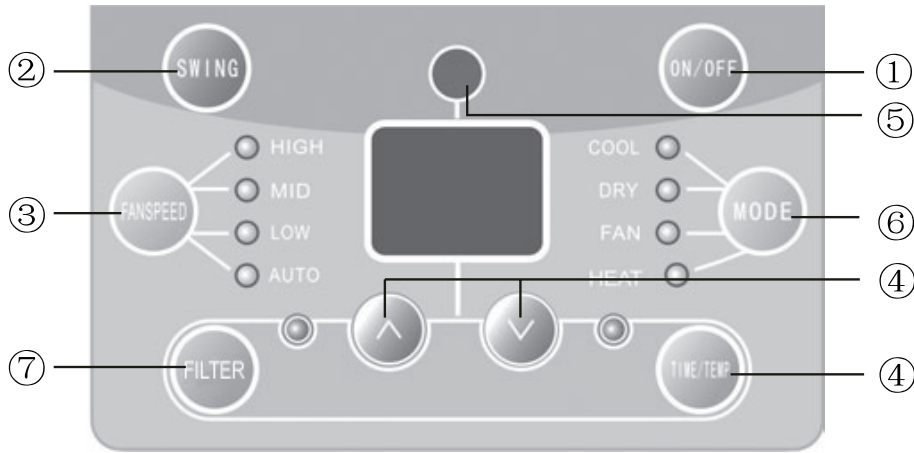# USER MANUAL

WFAE

Function and Control

After putting through the power, air conditioner will give out a sound and indicators on control panel will be on. After that, you operate the air conditioner through remote controller or control panel.

Introduction of Control Panel

Note:If wireless remote controller is lost, open the surface panel and operate manually.

1. POWER BUTTON

Operation starts when pressing this button, and stops when pressing this button again.

2.SWING BUTTON

Activate the automatic air swing function.

3.FAN SPEED BUTTON

Select the fan speed HIGH, MID, LOW and AUTO in sequence.

4.TEMP/TIMER BUTTON

① Press the▲keypad to increase the set (operating) temperature of the unit.and Press the▼keypad to decrease the set (operating) temperature of the unit.The temperature seting range is from 16~30℃ .

② Press the▲keypad also to increase the selected time in 0.5h(1h) hour increments,and Press the▼keypad to decrease the selected time in 0.5h(1h) hour decrements,The time seting range is from 0~24 hours.

Note:When operating the unit with control panel:when the timer range is 0~10h, the timer scale is 0.5h; when the timer range is 10~24h, the timer scale is 1h. When operating the unit with remote controller, the timer scale is 0.5h.

③ Under on status, timer function can let the complete unit operate at COOL mode for a while and then switch to fan mode. The fan mode is AUTO fan speed.
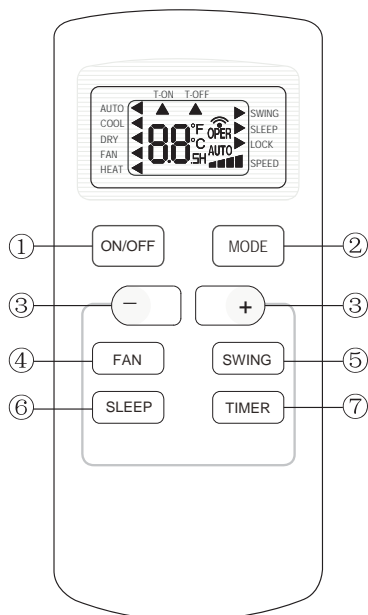
5.SIGNAL RECEIVER

6.MODE BUTTON

Select the operation mode, AUTO, HEAT, COOL, FAN,DRY (for reverse cycle model) or COOL,FAN, DRY(for cooling only model).

7.FILTER BUTTON

This feature is a reminder to clean the Air Filter (See Care and Cleaning) for more efficient operation and cooling. The LED (light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the"Check Filter" button and the light will go off.

Introduction of Remote Controller

Buttons on Remote Controller

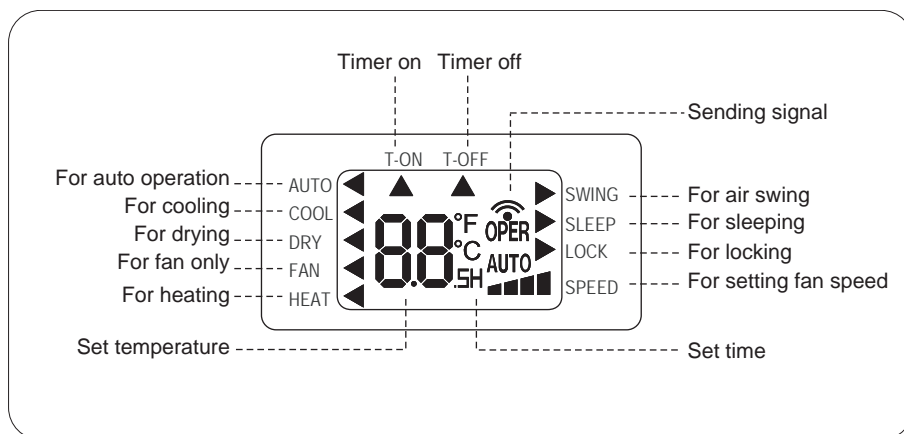①：**ON/OFF button**

②：**MODE button**

③：**+/- botton**

④：**FAN button**

⑤：**SWING button**

⑥：**SLEEP button**

⑦：**TIMER button**

Icon Display on Remote Controller

Operation introduction of remote controller

Note:

◆ When power is connected(stand by condition), you can operate the air conditioner through the remote controller.

◆ When unit is on, each time you press the button on remote controller, the sending signal icon 📶 on the display of remote controller will blink once. If the air conditioner gives out a beep sound, it means the signal has been sent.

◆ When unit is off, set temperature will be displayed on the remote controller(If the light of indoor unit display is turned on, the corresponding icon will be displayed); When unit is on, it will display the icon of the on-going function.

1. ON/OFF Button

Press this button to turn unit on/off.

2. MODE Button

Pressing this button once can select your required mode circularly as below(the corresponding icon ▶ will be lit up after the mode is selected):

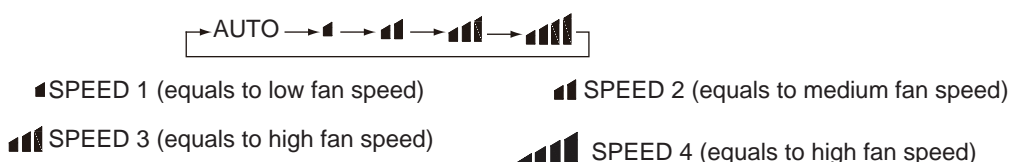AUTO ▶ COOL ▶ DRY ▶ FAN ▶ HEAT(For cooling and heating model)

◆ When selecting auto mode, air conditioner will operate automatically according to ex-factory setting. Set temperature can't be adjusted and won't be displayed either. Press FAN button to adjust fan speed.

◆ When selecting cool mode, air conditioner will operate under cool mode. Then press + or -- button to adjust set temperature. Press FAN button to adjust fan speed.

◆ When selecting dry mode, air conditioner will operate at low fan speed under dry mode. In dry mode, fan speed can't be adjusted.

◆ When selecting fan mode, air conditioner will operate in fan mode only. Then press FAN button to adjust fan speed.

◆ When selecting heat mode, air conditioner will operate under heat mode. Then press + or -- button to adjust set temperature. Press FAN button to adjust fan speed. (This function is not available in this air conditioner.)

3. +/- button

◆ Pressing + or - button once will increase or decrease set temperature by 1 °F(°C). Hold + or -- button for 2s, set temperature on remote controller will change quickly. Release the button after your required set temperature is reached.

◆ When setting Timer On, Timer Off or Clock, press + or -- button to adjust the time (See TIMER Button for setting details).

4. FAN Button

Pressing this button can select fan speed circularly as: AUTO, SPEED 1(◢), SPEED 2(◢◢), SPEED 3(◢◢◢), SPEED 4(◢◢◢◢) (unavailable in this air conditioner. Speed 4 is the same with speed 3).

$$\text{AUTO} \rightarrow ◢ \rightarrow ◢◢ \rightarrow ◢◢◢ \rightarrow ◢◢◢◢$$

◢SPEED 1 (equals to low fan speed)   ◢◢ SPEED 2 (equals to medium fan speed)

◢◢◢ SPEED 3 (equals to high fan speed)   ◢◢◢◢ SPEED 4 (equals to high fan speed)

Note:

◆ Under Auto mode, air conditioner will select proper fan speed automatically according to ex-factory setting.

◆ Fan speed can't be adjusted under Dry mode.

5. SWING Button

Press this button to turn on left & right air swing.

6. SLEEP Button

Under Cool, Heat, Dry mode, press this button to turn on Sleep function. Press this button to cancel Sleep function. Under Fan and Auto mode, this function is unavailable.

7. TIMER Button

◆ When unit is on, press this button to set Timer Off. T-OFF and H icon will be blinking. Within 5s, press + or - button to adjust the time for Timer Off. Pressing + or - button once will increase or decrease the time by 0.5h. Hold + or - button for 2s, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-OFF and H icon will stop blinking.

◆ When unit is off, press this button to set Timer On. T-ON and H icon will be blinking. Within 5s, press + or - button to adjust the time for Timer On. Pressing + or - button once will increase or decrease the time by 0.5h. Hold + or - button for 2s, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-ON and H icon will stop blinking.

Note:

◆ Range of time setting is: 0.5~24h.

◆ The interval between two motions can't exceed 5s, otherwise the remote controller will exit setting status.
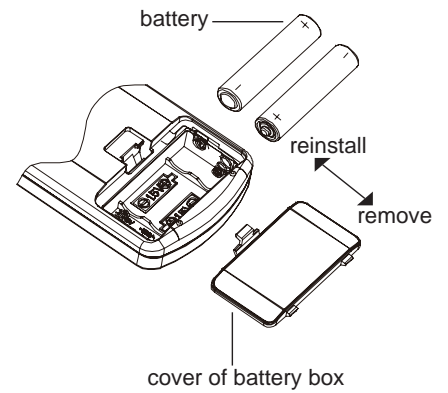
Simple operationfirst

1.After putting through power "ON/OFF" button on remote controller to turn on the air conditioner.
2.Press " MODE " button to select your required operation mode: AUTO, COOL, DRY, FAN.
3.Press "+" or "-" button to set your required temperature.(temperature can't adjusted under AUTO mode)
4.Press " FAN " button to select your required fan speed: auto, first notch, second notch, third notch, fourth notch (fourthnotch is same as third notch for this air conditioner.)

Replacement of Batteries in Remote Controller

1. Press the back side of remote controller on the spot marked with ✐ , and then push out the cover of battery box along the arrow direction.
2. Replace two No.7 (AAA 1.5V) dry batteries and make sure the positions of + and -- polar are correct.
3. Reinstall the cover of battery box.

Note:

◆ During operation, point the signal sender of the remote controller at the receiving window of the indoor unit;

◆ The distance between signal sender and receiving window should be within 8m. There should be no obstacle 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.

◆ If you don't use remote controller for a long time, please take out the batteries.

◆ If the display on remote controller is fuzzy or if there's no display, please replace batteries.

battery

reinstall

remove

cover of battery box

Function Introduction

Ⅰ **Basic functions:**

一、 **Cooling mode**

1. Working condition and process for cooling：

a. When Tinner amb. ≥Tpreset, the unit operates under cooling mode. Meanwhile, the fan and the compressor operate, and the fan operates at set fan speed;

b. When Tinner amb. ≤Tpreset-2℃ , the compressor stops operation, and the fan operates at set fan speed;

c. When Tpreset-2℃＜ Tinner amb. ＜ Tpreset, the unit keeps previous operation status.

d. When turning off the unit, the compressor stops operation. The fan will stop operation after operating at low fan speed for another 30s.

2. Under cooling mode, the temperature setting range is 16℃～ 30℃ . When compressor stops operation due to malfunction, the fan and the swing fan operate at original status.

二、 **Drying mode**

1、 Working condition and process for drying:

a. When Tinner amb. ＞ Tpreset, the unit operates at drying mode. Meanwhile, the fan and the compressor operate, and the fan is defaulted to operate at low fan speed;

b. When Tpreset-2℃ ≤Tinner amb.≤Tpreset, the unit keeps the original operation status;

c. When Tinner amb. ＜ Tpreset-2℃ , compressor stops operation, and the fan is defaulted to operate at low fan speed.

d. When turning off the unit, the compressor stops operation. The fan will stop operation after operating at low fan speed for another 30s.

2、 In this mode, the temperature setting range is 16℃～ 30℃ .

三、 **Auto mode**

Working condition and process for auto operation

a. When Tinner amb.≥26℃ , the unit operates at cooling mode and Tpreset=25℃ ;

b. When T inner amb.≤ 22℃ , the unit operate at fan mode and Tpreset=20℃ ;

c. When 22℃＜ Tinner amb. ＜ 26℃ , the unit keeps the original operation status;

四、 **Fan mode**

Under the fan mode, compressor stops operation and the fan operates at set fan speed. Temperature can't be set by buttons on the control panel, while it can be set by remote controller.

Ⅱ **Buttons' function**

1. ON/OFF:

It used to turn on or turn off the unit.

2. Mode:

It used to switch among cooling mode, drying mode and fan mode.

3. Fan speed:

It used to set high, medium, low or auto fan speed. The corresponding LED indicator is on (under drying mode, this button can't be adjusted. The fan speed is the low speed).

4.+/- button:

4.1 The temperature setting range is 0~24 hours. The timer can be set in 0.5 hour increments between 1 and 10 hours; or in 1 hour increments for 10 hours above.

4.2 Under temperature setting range, each push on +/- button will increase or decrease 1℃ .

5. Swing:

Press this button to turn on swing function; press this button again to cancel swing function.

6. Timer function

6.1 Timer ON: Timer ON can be set under OFF status, and then Timer ON setting range is 0.5 ～ 24 hours. When the set time is reached, the system will operate at the preset mode.

6.2 Timer OFF: Timer OFF can be set under ON status, and then Timer OFF setting range is 0.5 ～ 24 hours. When the set time is reached, the system will stop operation.

7. The dual-8 nixie tube is defaulted to display ℃ . The displays can switch among ℃ and ℉ . Press "+"and"-"buttons simultaneously for 3s to switch them.

8. FILTER

When the fan has operated for 250hour in all, the filter indicator will be on to remind user to clean the filter. When the filter indicator is on, press filter button to clear the accumulated operation time and the filter indicator will be off.

9. Sleeping mode：

9.1 When the initial temperature is set at 16 ～ 23℃ , after turning on the sleeping function, the temperature will increase by 1℃ every two hours. When the temperature is increased by 3℃ , the temperature will not change any more. When the unit has operated for 7 hours, the temperature will decreased by 1℃ . After that, the unit will operate at this time all the time.

9.2 When the initial temperature is set at 24 ～ 27℃ , after turning on the sleeping function, the temperature will increase by 1℃ every two hours. When the temperature is increased by 2℃ , the temperature will not change any more. When the unit has operated for 7 hours, the temperature will decreased by 1℃ . After that, the unit will operate at this time all the time.

9.3 When the initial temperature is set at 28 ～ 29℃ , after turning on the sleeping function, the temperature will increase by 1℃ every two hours. When the temperature is increased by 1℃ , the temperature will not change any more. When the unit has operated for 7 hours, the temperature will decreased by 1℃ . After that, the unit will operate at this time all the time.

9.4 When the initial temperature is set at 30℃ , after turning on the sleeping function, the unit will operate at this temperature. When the unit has operated for 7 hours, the temperature will decreased by 1℃ . After that, the unit will operate at this time all the time.

10. Fan

The fan can operate at high, medium, low or auto fan speed. The auto fan speed will automatically adjust the current operation status of the fan.

a. Auto fan speed under cooling mode:

Tinner amb.≥Tpreset+2℃   high fan speed

Tpreset ＜ T inner amb. ＜ Tpreset+2℃ medium fan speed

T inner amb.≤Tpreset   low fan speed

b. The fan speed under fan mode is same as that for cooling mode.

c. The auto fan under auto mode is controlled by the auto fan under its actual mode;

d. Only low fan speed under drying mode. When adjusting the fan speed button, only the low fan indicator is ON and the buzzer will give out a sound.

11. Power-off memory

The system will memorize the setting operation status (mode, set temperature, fan speed, timer) before power failure. Once power recovered, the unit will automatically operate at the set status before power failure.