6. Function and Control

6.1 Remote Controller Introduction

Buttons on Remote Controller

(before opening cover)   (after opening cover)

1	ON/OFF button
2	FAN button
3	MODE button
4	+/- button
5	TURBO button
6	🌫 button
7	🔆 button
8	CLOCK button
9	TIMER ON/ TIMER OFF button
10	TEMP button
11	🌲/🏠 button
12	I FEEL button
13	LIGHT button
14	X-FAN button
15	QUIET button
16	SLEEP button

1	ON/OFF button
2	FAN button
3	MODE button
4	+/- button

Introduction for Icons on Display Screen

I feel
Quiet
Operation mode
Auto mode
Cool mode
Dry mode
Fan mode
Heat mode
Clock
Sleep mode
Light

Set fan speed
Turbo mode
Send signal
Healthy mode
Scavenging functions
8℃ heating function
Set temperature
This is a general remote controller. Some models have this function while some do not. Please refer to the actual models.
X-FAN function
Set time
TIMER ON /TIMER OFF
Child lock
Up & down swing
Left & right swing

Temp. display type

🏠 : Set temp.   🏠 : Indoor ambient temp.

🏠° : Outdoor ambient temp.

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 don'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 " (¹) " is ON (red indicator). 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 "de" 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.

1. ON/OFF button

Press this button, the unit will be turned on, press it once more, the unit will be turned off. Sleep function will be canceled, while unit off.

2. FAN button

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

ATUO

Note: It's Low fan speed under Dry mode.

◢ Low fan   ◢◢ Medium-low fan   ◢◢◢ Medium fan   ◢◢◢◢ Medium-high fan   ◢◢◢◢◢ High fan

3. MODE button

Press this button, Auto, Cool, Dry, Fan, Heat mode can be selected circularly. Auto mode is default while power on. Under Auto mode, the temperature will not be displayed;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

(only for cooling and heating unit. As for cooling only unit, it won't have any action when it receives the signal of heating operation.)

4. +/- button

● Presetting temperature can be increased.

Press this button,the temperature can be set up, continuously press this button and hold for two seconds, the relative contents can quickly change,until unhold this button and send the order that the °C(°F) signal will be displayed all the time.The temperature adjustment is unavilable under the Auto mode, but the order can be sent by if pressing this button.Temperature of Celsius degree setting:16-30;for Fahrenheit degree setting:61-86.

● Presetting temperature can be decreased.

Press this button, the temperature can be set up, continuously press this button and hold for two seconds, the relative contents can quickly change,until unhold this button and send the order that the °C(°F) signal will be displayed all the time.The temperature adjustment is unavailable under the Auto mode,but the order can be sent by if pressing this button.

5. TURBO button

Under Cool or Heat mode,press this button can turn on or turn off the Turbo function.After the Turbo function turned on, the signal of Turbo will display. The signal will be automatically cancelled if changing the mode or fan speed.

6. ⟱ button(This function is only available for some models)

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

OFF

7. ⫸▌ button

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

OFF

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

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.

8. 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.

9. TIMER ON/TIMER OFF 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 ten splace of minute at 2.5 seconds speed and carry. During 5s blink,press the Timer button,the timer setting succeeds.The Timer On has been set up,repress the timer button,theTimer On will be canceled. Before setting theTimer,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 sameas for

10. 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 temprature or it depends on the other received signal within 3s.

Attention: When displaying the outdoor ambient, the displaying range is 32-99 °F and 0-60°C,When it goes beyond the range, it keeps the threshold data (the smallest 0 or 32°F and the largest 99°F or 60°C).

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

NOTE: Outdoor temperature display is not available for some models. At that time, indoor unit receives"⌂"signal, while it displays indoor set temperature.

11. ♣ / ⌂ button(This function is only available for some models)

Press this button to achieve the on and off of healthy and scavenging functions in operation status.Press this button for the first time to start scavenging function;LCD displays"⌂".Press the button for the second time to start healthy and scavenging functions simultaneously;LCD displays"⌂"and "♣" .Press this button for the third time to quit healthy and scavenging functions simultaneously.Press the button for the fourth time to start healthy function; LCD display"♣" .Press this button again to repeat the operation above.

NOTE: This function is applicable to partial of models.

12. I FEEL button

Press this button once, to turn on the I FEEL function, 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 control will send temperature to the main un it in every 10 minutes.When repress this button, this function will be turned off.

13. LIGHT button

Press this button at unit On or Off status,Light On and Light Off can be set up.After powered on, Light On is defaulted.

14. X-FAN button

Pressing X-FAN button in COOL or DRY mode,the icon ⚘ is displayed and the indoor fan will continue operation for 2 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.

15. QUIET button

Press this button,the Quiet status is under the Auto Quiet mode (display"♫" and "Auto"signal) and Quiet mode(display "♫" singal) and Quiet OFF(there is no signal of "♫" displayed),after powered on,the Quiet OFF is defaulted. Under the Quiet mode (Display "♫"signal), the fan speed is not available.

16. 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 （1°F or 2 °F）, 2 hours,setting temperature increased 2°C （3°F or 4 °F）, 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 （1°F or 2 °F）, 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 16~23°C （61°F or 74°F）, after turned on Sleep function, the temperature will be increased 1°C （1°F or 2 °F） in every hour,after 3°C （5°F or 6°F） the temperature will be maintained, after 7hours,the temperature will be decreased 1°C, after that the unit will keep on running under this temperature;

(2) When setting the initial temperature 24~27°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 7hours,the temperature will be decreased 1°C （1°F or 2°F）, after that the unit will keep on running under this temperature;

(3) When setting the initial temperature 28~29°C （82°F or 75°F）, after turned on Sleep function, the temperature will be increased 1°C （1°F or 2 °F） in every hour, after 1°C （1°F or 2 °F） the temperature will be maintained, after 7hours,the temperature will be decreased 1°C （1°F or 2 °F）, after that the unit will keep on running under this temperature;

(4) When setting the initial temperature 30°C （86°F）, under this temperature setting, after 7hours, the temperature will be decreased 1°C （1°F or 2 °F）, after that the unit will keep on running under this temperature;

In Heat mode:

(1) Under the initial presetting temperature 16°C （61°F）, it will run under this setting temperature all along.

(2) Under the initial presetting temperature17~20°C （62°F or 68°F）, after Sleep function started up, the temperature will decrease 1°C （1°F or 2 °F） in every hour, after 1°C （1°F or 2 °F） decreased, this temperature will be maintained.

(3) Under the initial presetting temperature 21~27°C （69°F or 81°F）, after Sleep function started up, the temperature will decrease 1°C （1°F or 2 °F） in every hour, after 2°C （3°F or 4°F） decreased, this temperature will be maintained.

(4) Under the initial presetting temperature 28~30°C （82°F or 86°F）, after Sleep function started up, the temperature will decrease 1°C 3°C （5°F or 6°F） 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 control enters into user individuation sleep setting status, at this time, the time of remote control will display "1hour ", 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 "Trubo "button for confirmation;

(3) At this time, 1hour will be automatically increased at the timer postion on the remote control, (that are "2hours" or "3hours" or "8hours "), 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 control 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.

Note: In the above presetting or enquiry procedure, if continuously within10s, there is no button pressed, the sleep curve setting status will be automatically quit and resume to display the original displaying. In the presetting or enquiry procedure, press "ON/OFF" button, "Mode" button, "Timer" button or "Sleep" button, the sleep curve setting or enquiry status will quit similarly.

17. About X-FAN function

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

(1)Having set X-FAN function on: After turning off the unit by pressing ON/OFF button indoor fan will continue running for about 2 min. at low speed. In this period, press X-FAN button to stop indoor fan directly.

(2)Having set X-FAN function off: After turning off the unit by pressing ON/OFF button, the complete unit will be off directly.

18. 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.

19. 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 temp. approachs the preset temp. as soon as possible.

20. About lock

Press + and - buttons simultaneously to lock or unlock the keyboard. If the remote controlleris 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.

21. 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 swinging 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.

22. About swing left and right(This function is only available for some models)

(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 swinging and present position of guide louver will be kept immediately.

(2)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.

23. About switch between Fahrenheit and Centigrade

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

24. 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.

25. Combination of " TEMP" and "CLOCK" buttons : About 8°C(46°F) Heating Function(This function is only available for some models) Press "TEMP" and "CLOCK" simultaneously in HEAT mode to start 8°C(46°F)Heating Function.Nixie tube on the remote controller displays"⑨ "and a selected temperature of "8°C" (46°F if Fahrenheit is adopted). Repeat the operation to quit the function.

26. About Auto Quiet function

When auto 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(82°F), indoor fan will operate at notch 2 speed or quiet mode according to the comparison between indoor ambinet 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.

27. 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.

28. WIFI Fuction (This unit is without WiFi fuction)

Press "MODE" and "TURBO" button simultaneously to turn on or turn off WIFI function. When WIFI function is turned on, the " WiFi" icon will be displayed on remote controller; Long press "MODE" and "TURBO" buttons simultaneously for 10s, remote controller will send WIFI reset

Operation Guide

1. General operation

(1)After powered on, press ON/OFF button, the unit will start to run. (Note: When it is powered on, the guide louver of main unit will close automatically.)
(2)Press MODE button, select desired running mode.
(3)Pressing + or - button, to set the desired temperature (It is unnecessary to set the temp. at AUTO mode.)
(4)Pressing FAN button, set fan speed, can select AUTO FAN,LOW, MEDIUM-LOW, MEDIUM, MEDIUM-HIGH and HIGH.
(5)Pressing ⋇▌ and ⬚ button, to select the swing.

2. Optional operation

(1)Press SLEEP button, to set sleep.
(2)Press TIMER ON and TIMER OFF button, can set the scheduled timer on or timer off.
(3)Press LIGHT button, to control the on and off of the displaying part of the unit (This function may be not available for some units).
(4)Press TURBO button, can realize the ON and OFF of TURBO function.

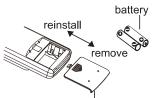## Replacement of Batteries in Remote Controller

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.
Note:
● 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.

6.2 Operation of Smart Control (Smart Phone, Tablet PC) For Gree

Operation Instructions

Download and install APP
Scan the following QR code with your smart phone and download Wifi Smart.

Install the App according to its guidance. When successfully installed, your smart phone homepage will show this icon

Configuration

Before operation, please finish the following configuration in order to realize Wifi control and the connection between air conditioner and intelligent device.

1.Short-distance control setting for air conditioner using wifi hotspotStep 1: Air conditioner wifi is set to AP mode in factory. You can search the air conditioner wifi hotspot through your smart phone. The name of wifi hotspot is the last 8 numbers of the air conditioner mac address. Password is 12345678.

Step 2: Open App and the screen will show the air conditioner that you just connected. Click this air conditioner to enter and realize short-distance control, as shown below. Please refer to "Functions introduction" for specific control methods.

NOTE:One AC can be controlled by 4 cell phone in maximun at the same time.

2.Short-distance and long-distance control setting for air conditioner connecting router

Step 1: Under short-distance control, return to the homepage "Home Control". Tap ➕ at the top right corner of the homepage "Home control". Select "Add device" and enter the page of "Add device". Tap "Manual configuration" and enter the page "Manual configuration".

Step 2: Select the correct network name and enter the password,select the server (The server setting here must keep the same as the server setting in "Settings" mentioned below.Otherwise, remote control will be failed.),then tap the button "Add device" for configuration. If configuration succeeds, App will notify user that configuration is successful and return to homepage.

NOTICE:
Please select the encrypt mode "empty" if your wifi has been set without password.

Functions introduction

1.User registration

Purpose: To realize long-distance control

Operation instruction: For the first time login, you have to register a new username. If you already have a username, skip the registration step and enter email address and password on the "Login Page" to log in. If password is forgotton, you can reset the password.

Operation steps:

(1) Select the sever address

(2) Account login: Slide the page "Device". and enter the page "Menu" on the left. Tap "Login" to enter the page "Register username". New user must first register a username. Tap "Register".

(3) Enter your email address. Wait until you receive the verification code. Enter the code and then tap "OK" to log in. Username will appear. As shown here, the username is "test".

(4) If password is forgotten, you can reset the password with your email address.

Tap "Forgot password" and enter the page "Forgot password". Tap "Get verification code" to get a email verification code. Enter a new password and tap "OK" to log in.

2.Personal settings

Purpose: Set name (device name, preset name, etc.) and images (device image) in order to identify a user easily.

(1) Set device name

After quick configuration, a list of controllable smart devices will be generated. Default name for air conditioner is the last 8 numbers of the air condtioner mac address.

Step 1: Tap and hold "babyroom" to enter the page "Edit device". Tap "Image" to select the source of image. Select from "Default images" or "Take photo" or "Choose from photos" and save an image.

Step 2: Tap "Name" to change device name, Save it and the new device name will be shown. enable button "Lock device" to lock the device other smart phone can't search the device now. Tap "Temp unit" to change the temperature unit.

Step 3: Tap "Firmware updated" to upgrade the Firmware of the device, Tap"1.8" the device will upgraded auto.

Technical Information

(2) Set preset name

Step 1: Tap [+] at the top right corner of the homepage "Device". Select "Add preset" and enter the page "Preset edit".

Step 2: Choose the time. Tap "Name". As shown in the picture, its name is "baby room". For timer type, select "On". Then select the repeating days. Save the setting of preset name.

(3) Set device image

Please refer to step 1 in 2(1)

3.Control functions

(1) Common control functions: General control on the operation of smart devices (On/Off, temperature, fan speed, mode, etc.) and the setting of advanced functions (air exchange, dry, health, light, sleep, energy saving upper limit).

Step 1: General control Enter the homepage "Home control" first. Take "baby home"as an example.

Tap "babyroom" and enter the page of air conditioner control. Tap [⏻] to turn on the control switch.

Tap [+] or [−] to increase or decrease temperature. Tap [Dry] to change working mode. Tap [Medium speed] to enter the page of fan speed adjustment.

Tap [Auto] and go around the circle to adjust fan speed.

Step 2: Advanced settings Tap [⌃] to enter advanced settings. You may select "Air", "Dry", "Health", "Light", "Sleep" or "Energy saving".

(2) Advanced control functions: Set scene; Preset; Link: Infrared control (only applicable to smart phone with infrared emitter)
Set scene: Preset the operation of several smart devices by one tap.
On the page "Home control", tap the image of "Home control" to enter the page "Edit scene".

Technical Information

Tap "Add scene" and edit the scene name, for example, "Back home". Add execution devices.
Tap [+] to add commands. On the page "Select execution device", select the air conditioner named "babyroom". Then select "ON" or "OFF".

Continue to select the next execution device as instructed above. Tap [0.5s] to set the interval.

Tap "Save". Then the scene "Back home" will be in execution. You may view the execution condition of the scene.

(3) Preset includes single-device preset and multi-device preset Single-device preset: This can preset a certain device to be On/Off at a specific time.
On the homepage "Device", take air conditioner "babyroom" as an example.Tap at the bottom of the page "babyroom". Then you will enter the page "Preset edit".

Slide up and down to set the time. If you want to synchronize the time, tap " synchronize".

Tap "Name" to customize the preset name.
Preset device can't be selected and it will default to "babyroom". Select "On" for the timer type. Select repeating days to complete the preset.

Multi-device preset: This can preset multiple devices to execute a command at a specific time.
Please refer to the instructions as how to set preset time, name, timer type and repeating days for a single device.
Tap "Preset device" to select one or more devices. Then return to the page "Device".

Technical Information

(4) Link(This function is applicable to partial of models)

set in the master device, slave devices will execute commands to realize devices Select a master device. When the environment has satisfied the parameters as linkage.

Step 1: Set the parameters of master device (Select master device, select environment parameters, select master device status).

Tap [+] at the top right corner of the homepage "Home control". Select "Link" and enter the page "Add linkage". Tap "Device parameter" to enter the page "Select device". Take "baby room" as an example. Tap "baby room".

Enter the page "Select environment parameters".

Tap "Temperature" to enter the page "Select temperature parameter". Slide up or down to adjust temperature. Tap "Upper limit" or "Lower limit".

Tap "Mode" and "On/Off" to select the status of master device. Then tap "Save".

Step 2: Set time parameter for linkage. Tap "Time parameter" to enter the page "Set time". Slide [○] rightwards to turn on the setting time.

Tap "Execution time"; Then tap "Start" and "Stop" to set start time and stop time respectively. Tap "OK" at the top right corner to save the setting.

Tap the days below "Repeat" to select the repeating days. Then tap "Save".

Step 3: Select "Execute command"
Tap "Execute command" and enter the page "Select device".

Tap the name of device that you want to control. Tap "ON" or "OFF" and then tap "Save" to complete the linkage.

Tap "Save" and then repeat the above steps to set linkage of several scenes.

Technical Information

(5) Infrared control (only applicable to smart phone with infrared emitter).

Function: Smart phone can be used as a remote controller.

Tap [+] at the top right corner of the homepage "Device". Select "Infrared" and enter the page "Remote controller". Tap [ ] and slide up to enter the page of advanced functions.

Tap [ ] to turn on the device. Tap [Mode] t o select mode. Tap [ ] to adjust fan speed and swing angle. Tap "Health", "Energy saving", "Sleep" etc. to set advanced functions.

Tap "Sleep" to enter the page "Sleep". You can select "Traditional sleep", "Expert sleep" or "DIY sleep". Tap "DIY sleep" and then tap the left and right arrows to set sleep time. Tap up and down arrows to adjust temperature at a specific sleep time.

4.Menu functions

Menu functions (Share, Set, History, Feedback)

(1) Share: To share quick configuration information and unit's information, including local export and local import.

For local import, you just need to tap "Local import" and wait for the data download.

Local export

Step 1: Export local data to another smart phone.

Enter "Menu" on the left side and tap "Share" to enter the page "Share". Then tap "Local export".

Step 2: Another smart phone to be imported.
Tap the model name and wait for the download.

(2) Backup: To keep backup of the quick configuration information and unit's information, including backup to cloud and backup list on the cloud.
Backup to cloud
Enter the "Menu" on the left and tap "Backup".

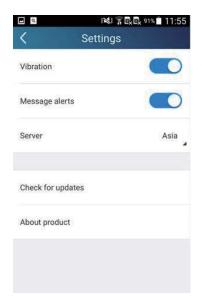Tap "Backup to cloud" and then tap "Yes". Then wait for the data download.

Select "Backup list on the cloud". Then backup records will appear. Tap "Record" to download data and recover data to local unit.

Technical Information

(3) Settings

User can set vibration, message alerts, server, updates, etc. The server setting here must keep the same as the server setting in "Configuration" mentioned before.

Otherwise, remote control will be invalid.

(4) Feedback

User can feedback suggestions to back-stage management for maintenance and development.

Tap "Feedback". Enter your suggestions and then submit it.

6.3 Operation of Smart Control (Smart Phone, Tablet PC)

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Before operation, please finish the following configuration in order to realize Wifi control and the connection between air conditioner and intelligent device.

1.Short-distance control setting for air conditioner using wifi hotspotStep 1: Air conditioner wifi is set to AP mode in factory. You can search the air conditioner wifi hotspot through your smart phone. The name of wifi hotspot is the last 8 numbers of the air conditioner mac address. Password is 12345678.

Step 2: Open App and the screen will show the air conditioner that you just connected. Click this air conditioner to enter and realize short-distance control, as shown below. Please refer to "Functions introduction" for specific control methods.

NOTE:One AC can be controlled by 4 cell phone in maximun at the same time.

2.Short-distance and long-distance control setting for air conditioner connecting router Step 1: Under short-distance control, return to the homepage "Home Control". Tap [+] at the top right corner of the homepage "Home control". Select "Add device"and enter the page of "Add device". Tap "Manual configuration" and enter the page "Manual configuration".

Step 2: Select the correct network name and enter the password,select the server (The server setting here must keep the same as the server setting in "Settings" mentioned below.Otherwise, remote control will be failed.),then tap the button "Add device" for configuration. If configuration succeeds, App will notify user that configuration is successful and return to homepage.

Technical Information

NOTICE:
Please select the encrypt mode "empty" if your wifi has been set without password.

Functions introduction

1.User registration

Operation instruction: For the first time login, you have to register a new username. If you already have a username, skip the registration step and enter email address and password on the "Login Page" to log in. If password is forgotton, you can reset the password.

Operation steps:

(1) Select the sever address

(2) Account login: Slide the page "Device". and enter the page "Menu" on the left. Tap "Login" to enter the page "Register username". New user must first register a username. Tap "Register".

(3) Enter your email address. Wait until you receive the verification code. Enter the code and then tap "OK" to log in. Username will appear. As shown here, the username is "test".

(4) If password is forgotten, you can reset the password with your email address.
Tap "Forgot password" and enter the page "Forgot password". Tap "Get verification code" to get a email verification code. Enter a new password and tap "OK" to log in.

2.Personal settings
Purpose: Set name (device name, preset name, etc.) and images (device image) in order to identify a user easily.
(1) Set device name
After quick configuration, a list of controllable smart devices will be generated. Default name for air conditioner is the last 8 numbers of the air condtioner mac address.

Step 1: Tap and hold "babyroom" to enter the page "Edit device". Tap "Image" to select the source of image. Select from "Default images" or "Take photo" or "Choose from photos" and save an image.

Step 2: Tap "Name" to change device name, Save it and the new device name will
be shown. enable button "Lock device" to lock the device,other smart phone can't search the device now. Tap "Temp unit" to change the temperature unit.

Step 3: Tap "Firmware updated" to upgrade the Firmware of the device, Tap"1.8" the device will upgraded auto.

Technical Information

(2) Set preset name

Step 1: Tap [+] at the top right corner of the homepage "Device". Select "Add preset" and enter the page "Preset edit".

Step 2: Choose the time. Tap "Name". As shown in the picture, its name is "baby room". For timer type, select "On". Then select the repeating days. Save the setting of preset name.

(3) Set device image

Please refer to step 1 in 2(1)

3.Control functions

(1) Common control functions: General control on the operation of smart devices (On/Off, temperature, fan speed, mode, etc.) and the setting of advanced functions (air exchange, dry, health, light, sleep, energy saving upper limit).

Step 1: General control Enter the homepage "Device" first. Take "baby home"as an example.

Tap "babyroom" and enter the page of air conditioner control. Tap [⏻] to turn on the control switch.

Tap [+] or [−] to increase or decrease temperature. Tap [Dry] to change working mode. Tap [Medium speed] to enter the page of fan speed adjustment.

Tap [Auto] and go around the circle to adjust fan speed.

Step 2: Advanced settings Tap [⌄] to enter advanced settings. You may select "Air", "Dry", "Health", "Light", "Sleep" or "Energy saving".

(2) Advanced control functions: Set scene; Preset; Link: Infrared control (only applicable to smart phone with infrared emitter)
Set scene: Preset the operation of several smart devices by one tap.
On the page "Device", tap the image of "Device" to enter the page "Edit scene".

Technical Information

Tap "Add scene" and edit the scene name, for example, "Back home". Add execution devices.
Tap [+] to add commands. On the page "Select execution device", select the air conditioner named "babyroom". Then select "ON" or "OFF".

Continue to select the next execution device as instructed above. Tap [0.5s] to set the interval.

Tap "Save". Tap the scene picture displayed in "Home control" home page to send the command. Then the scene "Back home" will be in execution. You may view the execution condition of the scene.

(3) Preset includes single-device preset and multi-device preset
Single-device preset: This can preset a certain device to be On/Off at a specific time.
On the homepage "Device", take air conditioner "babyroom" as an example.
Tap [Preset] at the bottom of the page "babyroom". Then you will enter the page "Preset edit".

Slide up and down to set the time. If you want to synchronize the time, tap " synchronize".If such "Hint" interface hasn't appeared, please skip this operation procedure.

Tap "Name" to customize the preset name.
Preset device can't be selected and it will default to "babyroom". Select "On" for the timer type. Select repeating days to complete the preset.

Multi-device preset: This can preset multiple devices to execute a command at a specific time.
Please refer to the instructions as how to set preset time, name, timer type and repeating days for a single device.
Tap "Preset device" to select one or more devices. Then return to the page "Home control".

Technical Information

(4) Link(This function is applicable to partial of models)

set in the master device, slave devices will execute commands to realize devices Select a master device. When the environment has satisfied the parameters as linkage.

Step 1: Set the parameters of master device (Select master device, select environment parameters, select master device status).

Tap [+] at the top right corner of the homepage "Device". Select "Link" and enter the page "Add linkage". Tap "Device parameter" to enter the page "Select device". Take "baby room" as an example. Tap "baby room".

Enter the page "Select environment parameters".

Tap "Temperature" to enter the page "Select temperature parameter". Slide up or down to adjust temperature. Tap "Upper limit" or "Lower limit".

Tap "Mode" and "On/Off" to select the status of master device. Then tap "Save".

Step 2: Set time parameter for linkage. Tap "Time parameter" to enter the page "Set time". Slide [⬤] rightwards to turn on the setting time.

Tap "Execution time"; Then tap "Start" and "Stop" to set start time and stop time respectively. Tap "OK" at the top right corner to save the setting.

Tap the days below "Repeat" to select the repeating days. Then tap "Save".

Step 3: Select "Execute command"
Tap "Execute command" and enter the page "Select device".

Tap the name of device that you want to control. Tap "ON" or "OFF" and then tap "Save" to complete the linkage.

Tap "Save" and then repeat the above steps to set linkage of several scenes.

(5) Infrared control (only applicable to smart phone with infrared emitter).

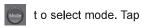Function: Smart phone can be used as a r emote controller.

Tap [+] at the top right corner of the homepage "Device". Select "Infrared" and enter the page "Remote controller". Tap [ ] and slide up to enter the page of advanced functions.

Tap [ ] to turn on the device. Tap [Mode] t o select mode. Tap [ ] to adjust fan speed . Tap "Health", "Energy saving", "Sleep" etc. to set advanced functions.

Tap "Sleep" to enter the page "Sleep". You can select "Traditional sleep", "Expert sleep" or "DIY sleep". Tap "DIY sleep" and then tap the left and right arrows to set sleep time. Tap up and down arrows to adjust temperature at a specific sleep time.

4.Menu functions

Menu functions (Share, Set, History, Feedback)

(1) Share: To share quick configuration information and unit's information, including local export and local import.

For local import, you just need to tap "Local import" and wait for the data download.

Local export

Step 1: Export local data to another smart phone.

Enter "Menu" on the left side and tap "Share" to enter the page "Share". Then tap "Local export".

Step 2: Another smart phone to be imported.
Tap the model name and wait for the download.

(2) Backup: To keep backup of the quick configuration information and unit's information, including backup to cloud and backup list on the cloud.
Backup to cloud
Enter the "Menu" on the left and tap "Backup".

Tap "Backup to cloud" and then tap "Yes". Then wait for the data download.
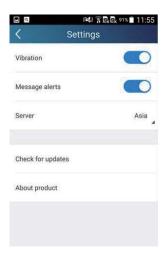
Select "Backup list on the cloud". Then backup records will appear. Tap "Record" to download data and recover data to local unit.

(3) Settings

User can set vibration, message alerts, server, updates, etc. The server setting here must keep the same as the server setting in "Configuration" mentioned before.

Otherwise, remote control will be invalid.

(4) Feedback

User can feedback suggestions to back-stage management for maintenance and development.

Tap "Feedback". Enter your suggestions and then submit it.

6.4 Brief Description of Modes and Functions

● Indoor Unit

1. Basic function of system

(1) Cooling mode

(1) Under this mode, fan and swing operates at setting status. Temperature setting range is 16~30°C.

(2) During malfunction of outdoor unit or the unit is stopped because of protection, indoor unit keeps original operation status.

(2) Drying mode

(1) Under this mode, fan operates at low speed and swing operates at setting status. Temperature setting range is 16~30°C.

(2) During malfunction of outdoor unit or the unit is stopped because of protection, indoor unit keeps original operation status.

(3) Protection status is same as that under cooling mode.

(4) Sleep function is not available for drying mode.

(3) Heating mode

(1) Under this mode, Temperature setting range is 16~30°C.

(2) Working condition and process for heating mode:

When turn on the unit under heating mode, indoor unit enters into cold air prevention status. When the unit is stopped or at OFF status, and indoor unit has been started up just now, the unit enters into residual heat-blowing status.

(4) Working method for AUTO mode:

1.Working condition and process for AUTO mode:

a.Under AUTO mode, standard heating Tpreset=20°C and standard cooling Tpreset=25°C. The unit will switch mode automatically according to ambient temperature.

2.Protection function

a. During cooling operation, protection function is same as that under cooling mode.

b. During heating operation, protection function is same as that under heating mode.

3. Display: Set temperature is the set value under each condition. Ambient temperature is (Tamb.-Tcompensation) for heat pump unit and Tamb. for cooling only unit.

4. If there's I feel function, Tcompensation is 0. Others are same as above.

(5) Fan mode

Under this mode, indoor fan operates at set fan speed. Compressor, outdoor fan, 4-way valve and electric heating tube stop operation. Indoor fan can select to operate at high, medium, low or auto fan speed. Temperature setting range is 16~30°C.

2. Other control

(1) Buzzer

Upon energization or availably operating the unit or remote controller, the buzzer will give out a beep.

(2) Auto button

If press this auto button when turning off the unit, the complete unit will operate at auto mode. Indoor fan operates at auto fan speed and swing function is turned on. Press this auto button at ON status to turn off the unit.

(3) Auto fan

Heating mode: During auto heating mode or normal heating ode, auto fan speed will adjust the fan speed automatically according to ambient temperature and set temperature.

(4) Sleep

After setting sleep function for a period of time, system will adjust set temperature automatically.

(5) Timer function:

General timer and clock timer functions are compatible by equipping remote controller with different functions.

(6) Memory function

memorize compensation temperature, off-peak energization value.

Memory content: mode, up&down swing, light, set temperature, set fan speed, general timer (clock timer can't be memorized).

After power recovery, the unit will be turned on automatically according to memory content.

(7) Health function

During operation of indoor fan, set health function by remote controller. Turn off the unit will also turn off health function.

Turn on the unit by pressing auto button, and the health is defaulted ON.

(8) I feel control mode

After controller received I feel control signal and ambient temperature sent by remote controller, controller will work according to the ambient temperature sent by remote controller.

(9) Compulsory defrosting function

(1) Start up compulsory defrosting function

Under ON status, set heating mode with remote controller and adjust the temperature to 16℃ . Press "+, -, +, -, +,-" button successively within 5s and the complete unit will enter into compulsory defrosting status. Meanwhile, heating indicator on indoor unit will ON 10s and OFF 0.5s successively. (Note: If complete unit has malfunction or stops operation due to protection, compulsory defrosting function can be started up after malfunction or protection is resumed.

(2) Exit compulsory defrosting mode

After compulsory defrosting is started up, the complete unit will exit defrosting operation according to the actual defrosting result, and the complete unit will resume normal heating operation.

(10) Refrigerant recovery function:

(1) Enter refrigerant recycling function

Within 5min after energizing (unit ON or OFF status is ok), continuously press LIGHT button for 3 times within 3s to enter refrigerant recycling mode; Fo is displayed and refrigerant recycling function is started. At this moment, the maintenance people closes liquid valve. After 5min, stick the thimble of maintenance valve with a tool. If there is no refrigerant spraying out, close the gas valve immediately and then turn off the unit to remove the connection pipe.

(2) Exit refrigerant recycling function

After entering refrigerant recycling mode, when receive any remote control signal or enter refrigerant recycling mode for 25min, the unit will exit refrigerant recycling mode automatically If the unit is in standby mode before refrigerant recycling, it will be still in standby mode after finishing refrigerant recycling; if the unit is in ON status before refrigerant recycling, it will still run in original operation mode.

(11) Ambient temperature display control mode

1. When user set the remote controller to display set temperature (corresponding remote control code: 01), current set temperature will be displayed.

2. Only when remote control signal is switched to indoor ambient temperature display status (corresponding remote control code: 10) from other display status (corresponding remote control code: 00, 01,11),controller will display indoor ambient temperature for 3s and then turn back to display set temperature.

Under this mode, indoor fan operates at set fan speed. Compressor, outdoor fan, 4-way valve and electric heating tube stop operation. Indoor fan can select to operate at high, medium, low or auto fan speed. Temperature setting range is 16~30°C.

(12) Off-peak energization function:

Adjust compressor's minimum stop time. The original minimum stop time is 180s and then we change to:

The time interval between two start-ups of compressor can't be less than 180+T s(0≤T≤15). T is the variable of controller. That's to say the minimum stop time of compressor is 180s~195s. Read-in T into memory chip when refurbish the memory chip each time. After power recovery, compressor can only be started up after 180+T s at least.

(13) SE control mode

The unit operates at SE status.

(14) X-fan mode

When X-fan function is turned on, after turn off the unit, indoor fan will still operate at low speed for 2min and then the complete unit will be turned off. When x-fan function is turned off, after turn off the unit, the complete unit will be turned off directly.

(15) 8° heating function

Under heating mode, you can set 8° heating function by remote controller. The system will operate at 8°set temperature.

(16) Turbo function

This function can be set in cooling or heating mode, but not in auto, drying or fan mode. Press fan button to cancel this function.