USER MANUAL

Portable Air Conditioner and Heater
With Heat Pump Technology

www.
Climachill
. co. uk
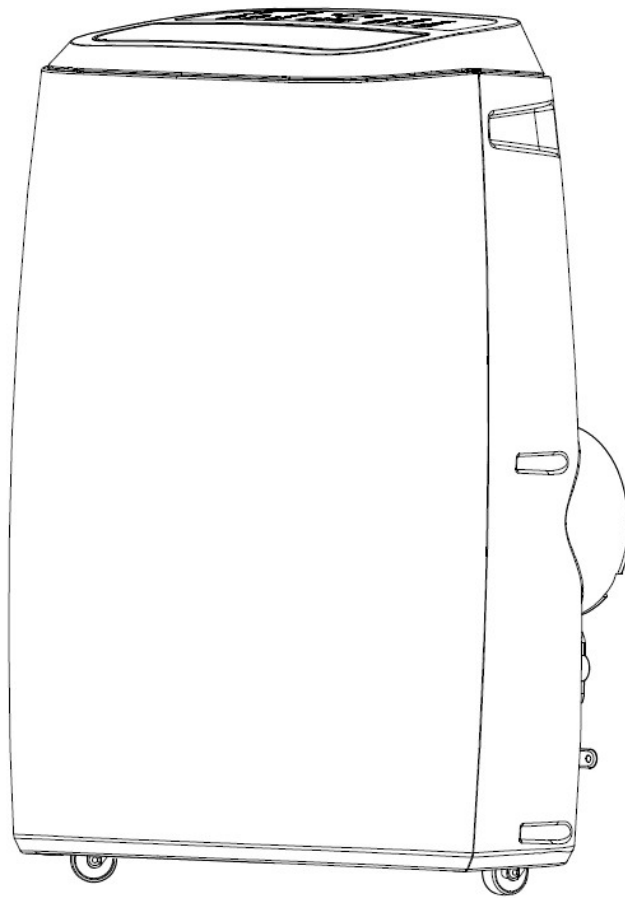
PAC18L

18,000btu Cool & Heat Portable Air Conditioner

Please read this manual carefully prior to operating the product.

Please keep ALL packaging for duration of Warranty Period

TABLE OF CONTENTS

IMPORTANT SAFEGUARDS

Before installing and using your portable air conditioner and heater, it is important that you read this owner's manual carefully. Store this manual in a safe place for future reference.

This instruction manual is used for guidance and does not form part of a contract. It reserves the right to make technical changes without prior notice.

1. Always place the unit on a level surface.
2. The appliance shall be installed in accordance with national wiring regulation.
3. The unit must be connected to a correctly grounded power supply. For your safety, this unit is grounded through the power cord plug when connected to a grounded wall outlet. Do not use an adapter plug or extension cord.
4. Do not install the unit in an area where gas leakage may occur and/or in an explosive atmosphere.
5. Do not apply an insecticide or any type of flammable spray on the unit.
6. Confirm drainage piping is connected properly.
7. Do not start or stop the unit by inserting or pulling out the power plug.
8. Do not operate with wet hands.
9. Close supervision is necessary when the unit is used near children. The unit in not intended for use by children.
10. Do not insert anything into the air outlet. Do not obstruct air inlet or outlet grills.
11. Do not expose skin or eyes directly to cool air for a long period of time.
12. If an abnormal odour or smoke comes out of the unit, disconnect the unit immediately and contact a qualified service technician.
13. When opening the filter cover, do not touch the metal parts in the unit's interior.
14. Do not immerse the unit in water or any type of liquid. Do not use the unit in the immediate surroundings of a bath, shower, or swimming pool, or in any other steamy, wet areas.
15. When cleaning the unit, always turn the unit off and unplug the power cord.
16. Always inspect the power cord for signs of damage before use. If the power cord is damaged, it must be replaced by the manufacturer or a qualified service technician.
17. Do not place a plant or allow a pet in the direct path of the airflow to avoid injury.
18. Do not put a stove, etc, where it would be exposed to the direct airflow. It may affect combustion.
19. Do not sit on the unit or place anything on it.
20. Before storing, the water must be drained from the unit and the filters cleaned.
21. The appliance must be placed in an area without any continuously sources of ignition (for example: open flames , gas or electrical appliances in operation).
22. Do not puncture and do not burn.
23. This appliance contains Y g (see rating label back of unit) of R290 refrigerant gas.
24. R290 is a refrigerant gas that complies with the European directives on the environment. Do not puncture any part of the refrigerant circuit.

25. If the appliance is installed, operated or stored in a nonventilated area, the room must be designed to prevent to the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, stoves, or other sources of ignition.

26. The appliance must be stored in such a way as to prevent mechanical failure.

27. Contact authorized service technician for repair or maintenance of this unit.
28. Unplug the unit if strange sounds, smell, or smoke comes from it
29. Do not use any exhaust hose other than provided by Climachill
30. Do not use a smaller diameter exhaust hose than 152mm provided by Climachill
31. Do not use a longer exhaust hose than 3m as provided by Climachill
32. Do not use this machine in a room of less than 15m2

General Information

Recycling

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.

Warning

The unit creates water which is collected in an internal water tank which has a rubber drain plug, it is very unlikely but if this tank becomes damaged during transport or the rubber bung comes out then it is possible that the unit will leak water when it is operated. Prior to use make sure the drain plug is in place & then during first use periodically check the unit to make sure it isn't leaking water (look at bottom / under the unit) – during first use do not turn the unit on and leave it unattended for a long period of time without checking.

INTRODUCTION

Thank you for purchasing this Portable Air Conditioner and Heater. This unit is designed to improve indoor living and working comfort by providing cooling, dehumidifying, and heating with minimal installation.

Please complete the following information for future reference. Retain this owner's manual with your sales receipt as a permanent record of your purchase.

Date of Purchase: _____

Place of Purchase: _____

Invoice Number: _____

WARRANTY

This product comes with a 12month warranty from date of purchase (as indicated on original sales receipt).

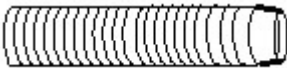Please note that it is a warranty condition that ALL of the original packaging is kept for the duration of the warranty period, (the main box can be folded flat for storage).

If you need to make a warranty claim and the unit requires returning to us then we are only able to organise collection of the unit if it is in its original packaging (this is an insurance requirement of our courier).   Failure to keep the original packaging means we are unable to organise collection of the product from you

PRODUCT DIAGRAM

Side view — Rear cover

Front view — Operation panel, Castor

Rear view — Air inlet, Power line
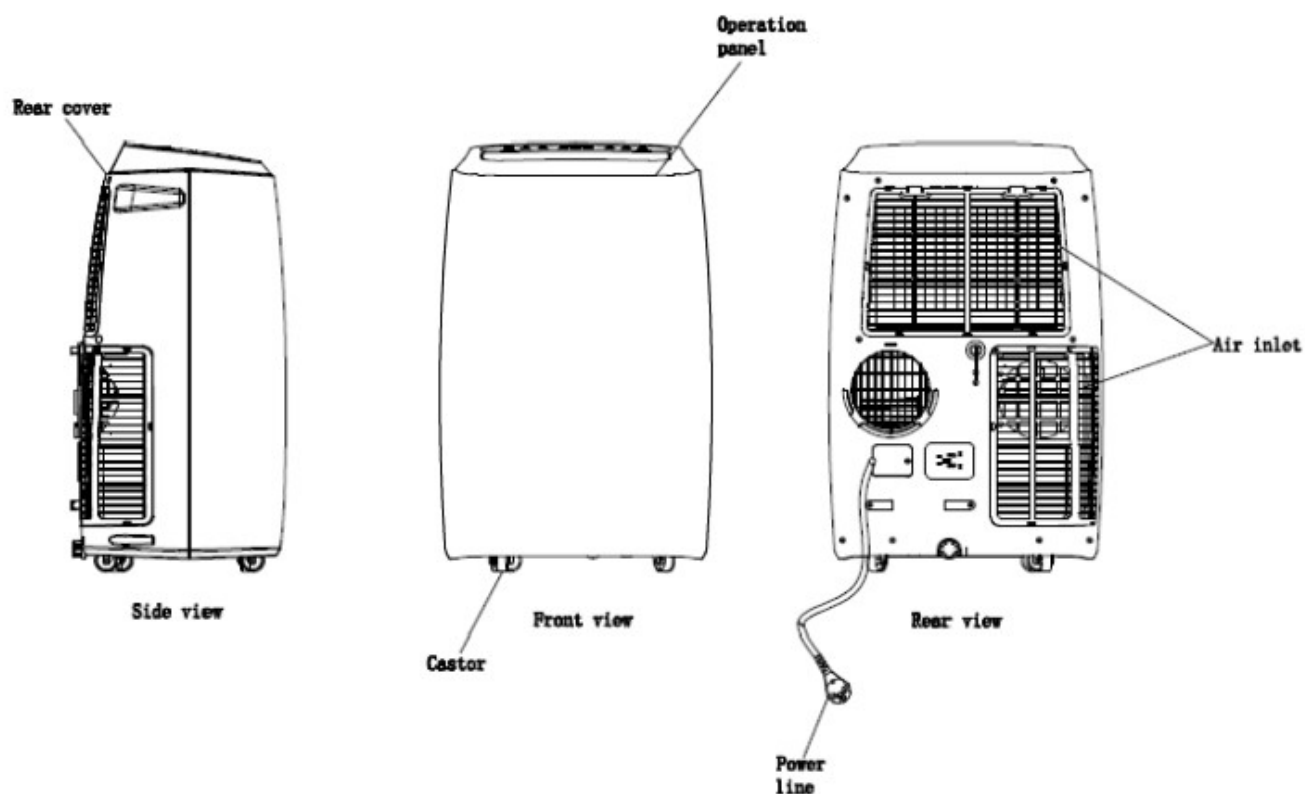
ACCESSORIES

ITEM	DESCRIPTION	QTY
	EXHAUST HOSE	1
	HOSE WINDOW KIT ATTACHMENT	1
	HOSE CONNECTOR TO UNIT	1
	SLIDING WINDOW KIT	1
	MANUAL	1
	REMOTE CONTROL	1
	WATER DRAIN PIPE	1

	DOWL	2
	BATTERY	1

After unpacking, please ensure the above listed accessories are included.

CONTROL PANEL AND DISPLAY

Cooling & Heating model & WIFI
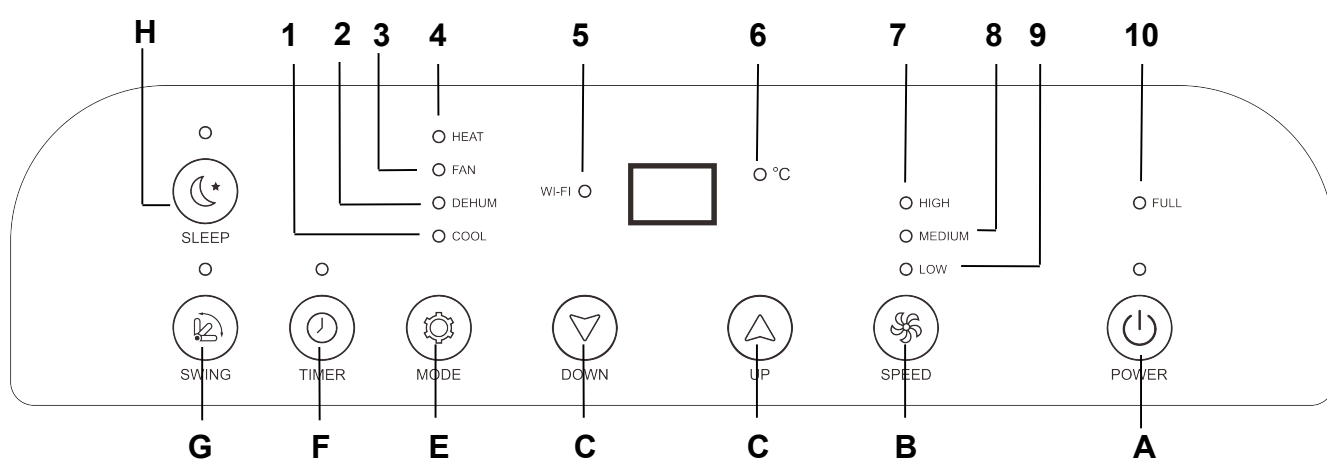
A	Power on/off	1	Cooling
B	Fan speed	2	Dehumidifying
C	Temperature up	3	Fan
D	Temperature down	4	Heating
E	Operation mode	5	WIFI function
F	Timer on/off	6	Centigrade temperature
G	Auto swing	7	High fan speed
H	Sleep mode	8	Medium fan speed
		9	Low fan speed
		10	Water full

REMOTE CONTROL FUNCTIONS

5 ————		———— 4
6 ————	SPEED TEMP+ MODE	———— 3
7 ————	SLEEP TEMP- TIMER	———— 2
8 ————	SWING POWER	———— 1
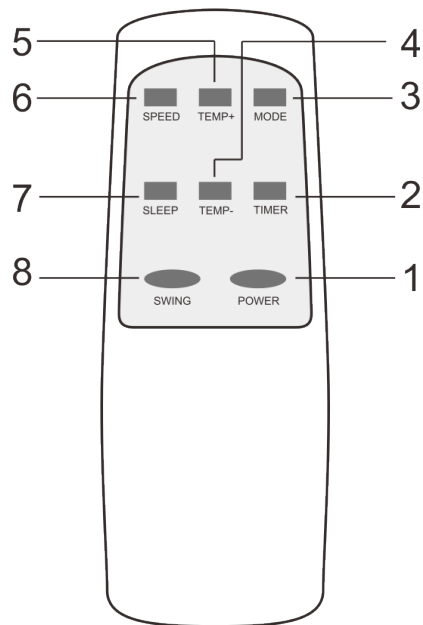
1	Power on/off
2	Timer on/off
3	Operation MODE
4	Temperature down
5	Temperature up
6	Fan speed
7	Sleep mode
8	Auto swing

Notes:
- Do not drop the remote control.
- Do not place the remote control in a location exposed to direct sunlight.

INSTALLATION

Exhausting the Air

It is necessary to use the exhaust hose when using the machine.
When in Cooling Mode hot air will be expelled out of the exhaust hose
When in Heating Mode cold air will be expelled out of the exhaust hose

Setting Up the Exhaust Hose & Connecting to Machine

Take the 3x components, extend the exhaust hose and then twist the accessories onto each end of the hose
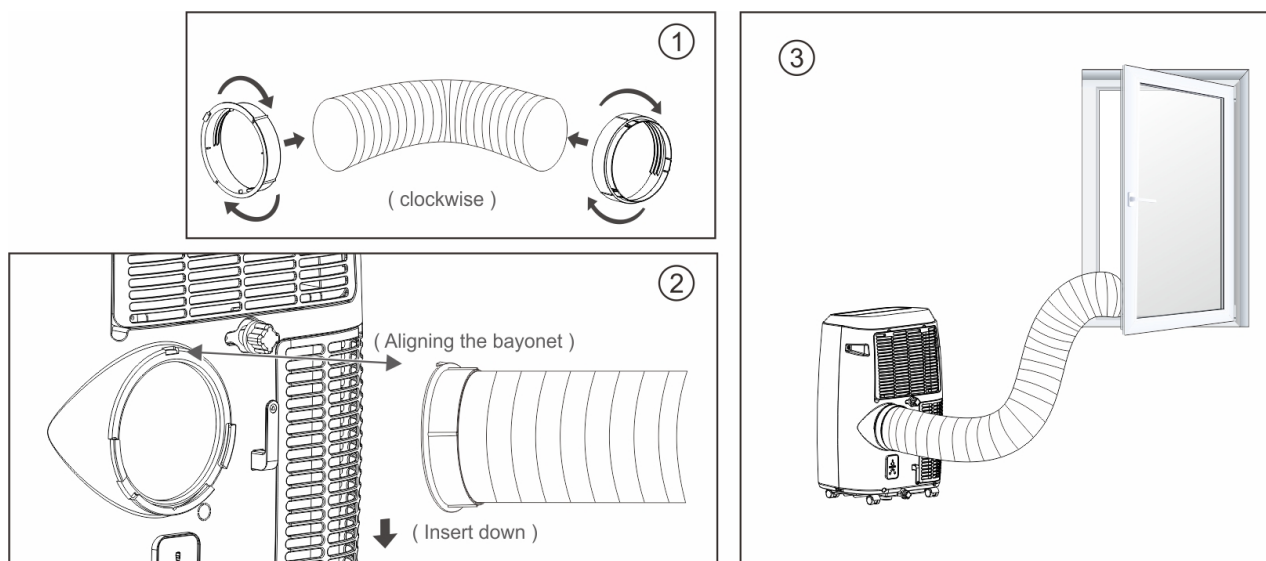
Venting the Exhaust Air

The exhaust hose should be kept as short and straight as possible so as to not restrict airflow of the exhausted air.

There are 3 x options with venting the exhaust air,

1) You can make a hole in the wall and pass the exhaust hose through the hole in the wall (this option doesn't require a window to be slightly open)
2) You can pass the end of the exhaust hose out of a slightly open window (you can pass the funnel attachment out of the window and then close the window onto the attachment to hold it in place
3) You can use the sliding window kit if you have an up/down or a side opening window

Window Kit Installation

The window kit is designed to fit into most standard vertical and horizontal windows. However, it may be necessary to modify some aspects of the installation process for certain window types.

1. Open the window or sliding door and adjust the length of the window kit to fit the opening. Mark and cut down a single panel of the window kit if necessary.

2. Place the window kit between the window and the window frame as shown in the images to the right. Close the window onto the window kit to form a tight seal.

3. Attach the exhaust duct adapter to the window kit. Tabs located on the adapter will lock into place securing the adapter to the window kit.

HORIZONTAL WINDOW

Window Slider Kit

VERTICAL WINDOW
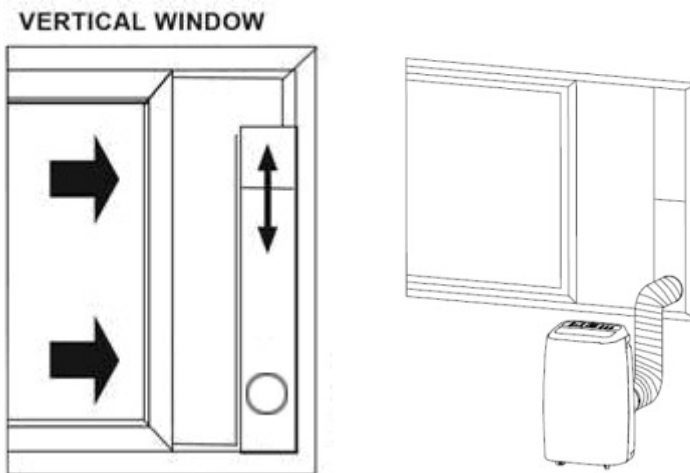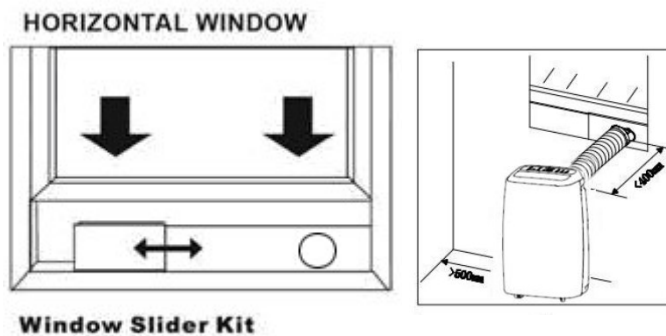
If you have a Hinged Window the above kit will not work with it, you can place the end of the exhaust out of the hinged window and the machine will vent this way, if you wish to seal the gap around the hose so to seal the window there are fabric kits that can be purchases online from the likes of Amazon (we don't sell them Im afraid)

OPERATION

Before Use

- Check that the Exhaust Hose has been mounted properly (see 'Installation' section). If the exhaust Hose is not correctly used, hot air will blow back into the room you are trying cool
- Check that the drain plug at the bottom rear of the unit is securely plugged in, to prevent water leaks (see page 9 – Water Drainage)
- Check that the local mains power matches that shown on the rating label of the unit
- Check that the location of the unit is suitable (flat, stable surface; away from sources water / heat)
- If the unit has recently been transported, let it stand for 6 hours to allow the compress contents to settle

Cooling Mode

Press the "Mode" button till the "Cool Mode" icon appears.
Press the "▲"or" ▼"button to select a desired room temperature. (16℃ - 31℃)
Press the "Fan Speed" button to select wind speed.

NOTE: During hot days, the unit will cool off the room most efficiently by setting the temperature at the lowest and the fan speed at the highest.   Reducing the length of the exhaust hoses, insulating the exhaust hoses, and keeping direct sunlight to a minimum will also improve the cooling efficiency.

Heating Mode

Press the "Mode" button till the "Heat Mode" icon appears.
Press the "▲"or" ▼" button to select a desired room temperature. (16℃ - 31℃)
Press the "Fan Speed" button to select wind speed.

Dry (De-humidifying) Mode

Press the "Mode" button till the "Dry Mode" icon blinks
Automatically set the selected temperature to current room temperature minus 2℃.
Automatically set the fan motor to LOW wind speed.

Timer Mode

Timer ON setting

When the air-conditioner is OFF, press the "Timer" button
Use 'Temperature Up/Down' button to select how many hours you want to pass before the machine comes on
Press "Timer" button to store
ON time can be regulated at any time in 0-24 hours.

Timer OFF setting

When the air-conditioner ON, press "Timer"
Use 'Temperature Up/Down' button to select how many hours you want to pass before the machine turns off
Press "Timer" button to store
OFF time can be regulated at any time in 0-24 hours.

Swing (air flow)

After machine turns on, press this key, the louver will swing continuously left and right; by pressing this button again the

movement will stop and the louver remain in that position.

Sleep Control Function

While in cooling mode, press the SLEEP button to set the temperature. It increases1 ℃ after an hour and at most increases 2 ℃ after 2 hours.
While in heating mode, press the SLEEP button to set the temperature. It decreases 1 ℃ after an hour and at most decreases 2 ℃ after 2 hours.

Press the SLEEP key again can cancel the setting.

WATER DRAINAGE

When the unit is in cooling mode, unwanted water is extracted from the air. Most of this water is re-used to cool the unit and make it run more efficiently. When the unit is used in extremely humid environments, water will collect in a water container at the bottom of the unit. When the water container is full, the compressor will stop but the fan will continue to run.

When the water container is full, the unit will display 'FULL' by means of the Water Indicator Full lamp being illuminated on the control panel until the tank is emptied. To resume operation, empty the water container according to the following steps:

1. Turn the unit off. Try not move the unit when the water container is full (can cause spillage)
2. Place a drain pan under the drainage port at the back of the unit (perhaps use a shallow tray)
3. Remove the rubber plug from the drain hole & drain water
4. Once the water container has been emptied, replace the rubber plug into the drain hole firmly

drain hose
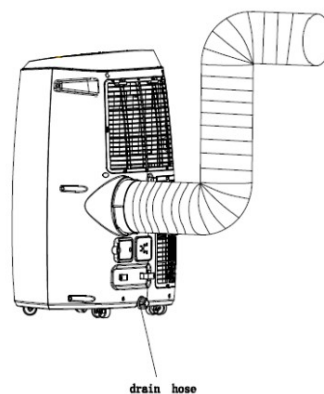
NOTE: In heating mode, the unit will also create water which needs emptying from the machine.

Continuous Drainage

You can of course set the unit up for continuous drainage thus negating the need to empty water from the machine. To do this remove the rubber bung from the unit and attach the drain hose to the unit, then drain the water into a container (be careful that it doesn't overspill from the container)
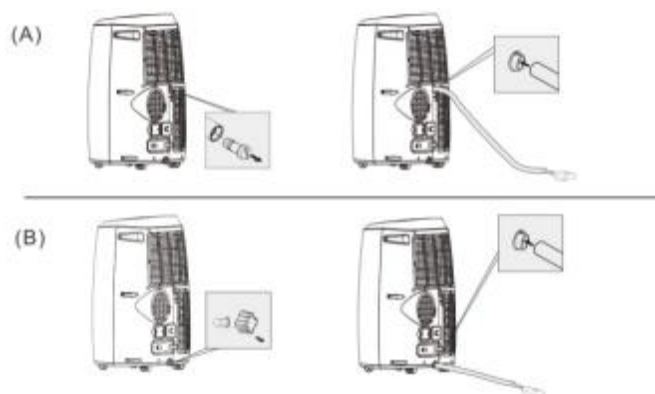
How to use two drainage tubes
- To Drain the machine in Cooling & Dehumidifying Mode please remove the drain plug in the middle back of the machine and attach the drain hose to have a gravity drain, this way the water full lamp will not appear. (see Fig.A)
- To Drain the machine in Heating / Cooling & Dehumidifying Mode please remove the drain plug in the bottom back of the machine and attach the drain hose to have a gravity drain, this way the water full lamp will not appear. (see Fig.B)

How to enjoy WIFI function？

1. Download and Install APP
Use your phone to scan the QR code below or search in
application market to download and install the App
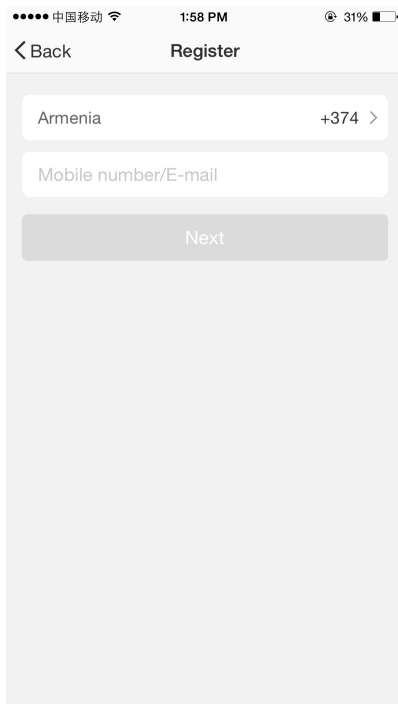

2. Register/Login/Forgot password

Register

If you don't have an App account, register an account or sign in with verification code by SMS.

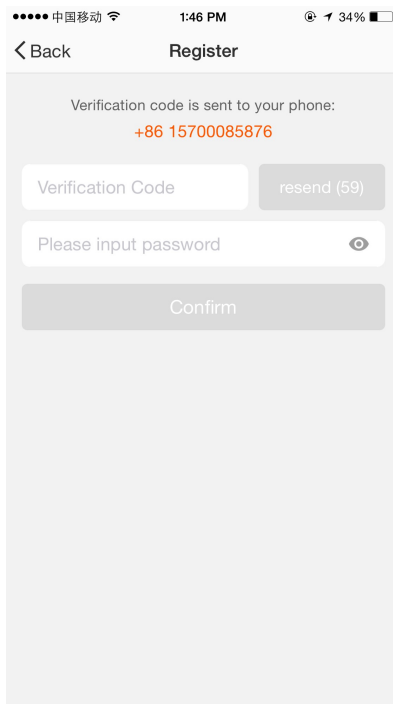This page describes the registration process.

1.Tap to enter registration page

2.The system automatically recognises your country / area. You can also select your country code. Enter the mobile number/E-mail and tap "Next" , as shown in the picture 2

3.If you enter the mobile number, then enter the verification code in the message , as shown in the picture 2，and enter the password，tap"Confirm" to finish your registration.
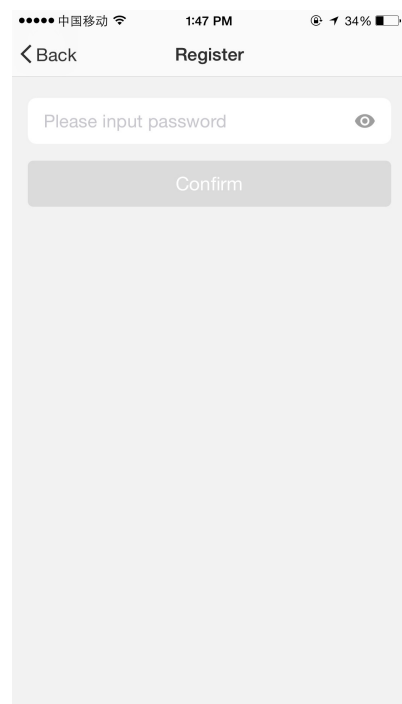
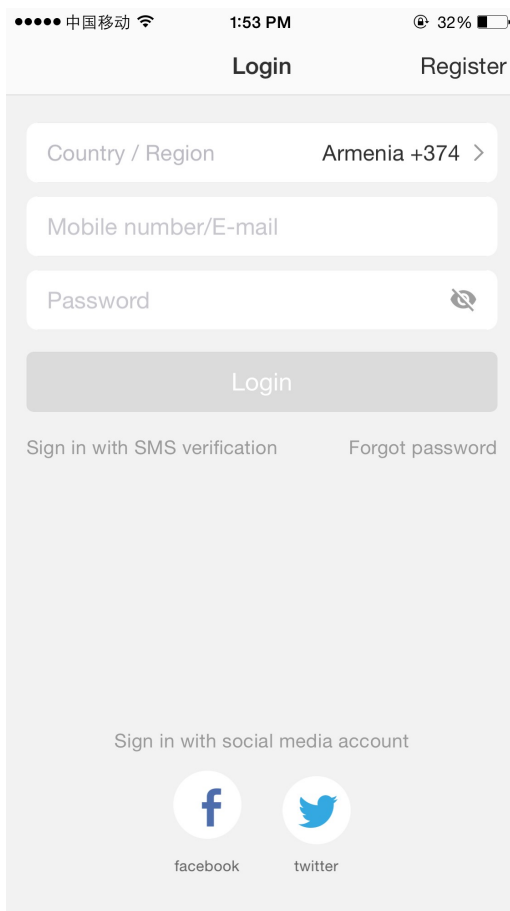4.If you enter the E-mail，enter the password as shown in the picture 4，and，tap"Confirm" to finish your registration.

●●●●● 中国移动 🤶	1:58 PM	ⓐ 31% 🔋
‹ Back	Register	

Armenia	+374 ›

Mobile number/E-mail

Next

Picture 1

●●●●● 中国移动 🤶	1:46 PM	ⓐ ✈ 34% 🔋
‹ Back	Register	

Verification code is sent to your phone:
+86 15700085876

Verification Code   resend (59)

Please input password   👁

Confirm

Picture 2

●●●●● 中国移动 🤶	1:47 PM	ⓐ ✈ 34% 🔋
‹ Back	Register	

Please input password   👁

Confirm

Picture 3

●●●●● 中国移动 🤶	1:53 PM	ⓐ 32% 🔋
	Login Register	

Country / Region	Armenia +374 ›

Mobile number/E-mail

Password   🚫👁

Login

Sign in with SMS verification   Forgot password

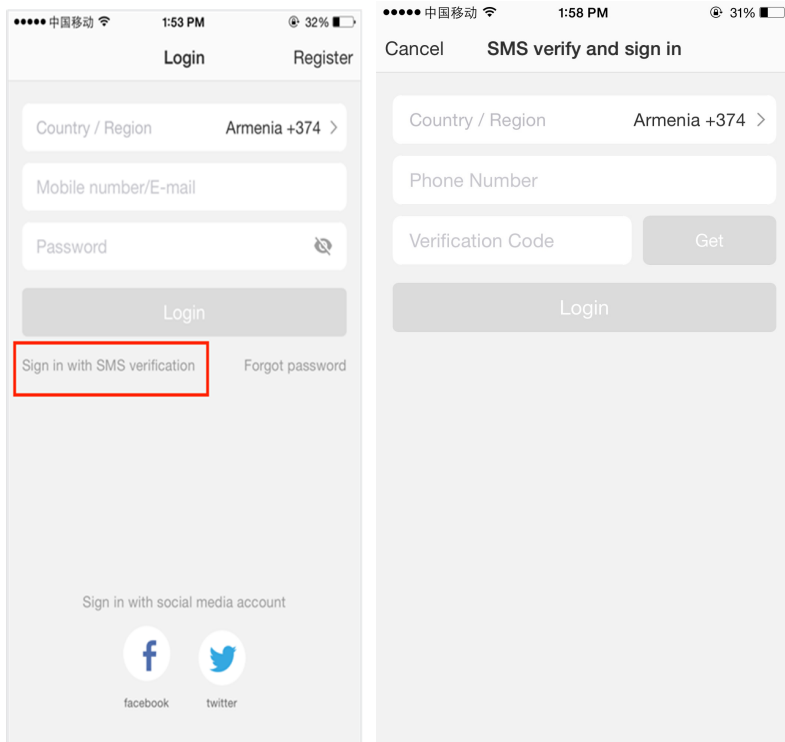Sign in with social media account

f   🐦
facebook   twitter

Sign in with username and password
1.The system automatically recognises your country / area. You can also select your country code.Enter the mobile number/E-mail and tap "Next
2.Enter your registered mobile number or Email, and password to login.

Sign in with social media account
    If you have installed Facebook or Twitter in your smartphone, tap the corresponding icons and then sign in the App after social network authentication

Sign in with verification code via SMS
1.Tap"Sign in with SMS verification"，to new page
2.The system automatically recognises your country / area.
You can also select your country code by yourself.
3.Enter the mobile number and tap "Get" to get a message
**4.Enter the verification code in the message and tap "Login" to login the App**

Forgot password

To find your password back, please follow the procedures:
1.Tap"Forgot password"，as shown in the picture 1
2.The system automatically recognises your country / area.You can also select your country code by yourself.Enter the mobile number/E-mail and tap "Next",as shown in the picture 2
3.Enter the verification code in the message/E-mail , as shown in the picture 3，and enter the new password，tap"Confirm" to finish.
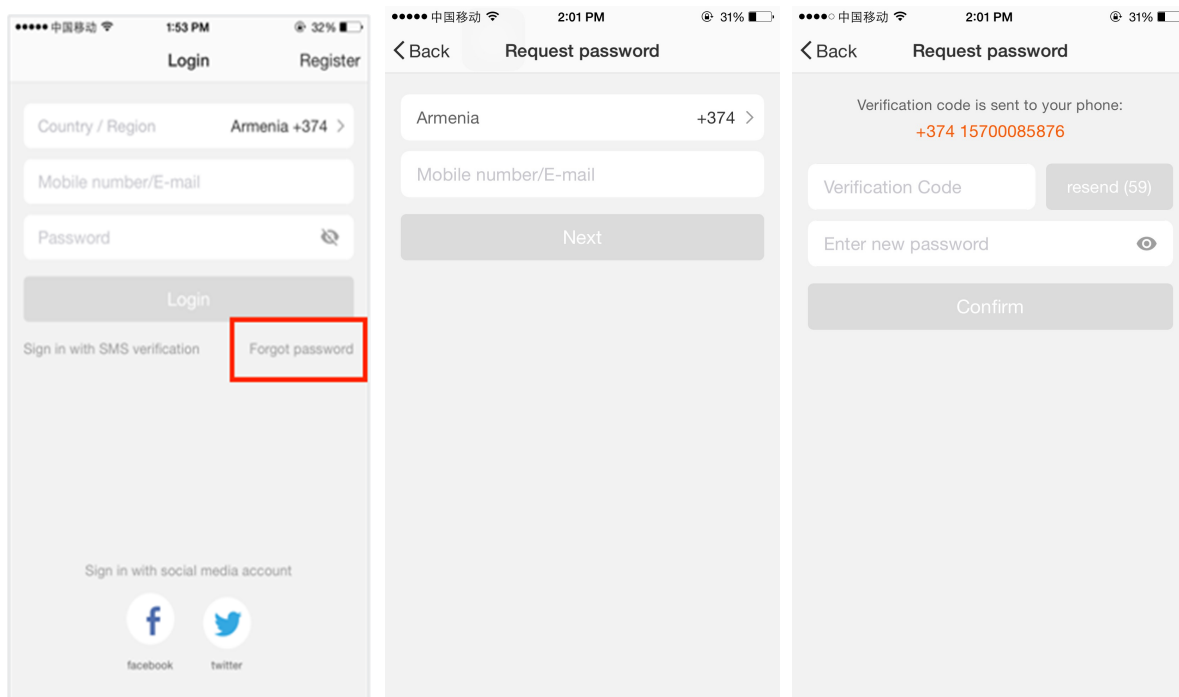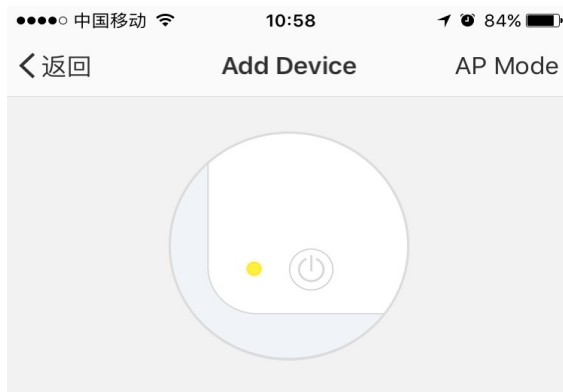

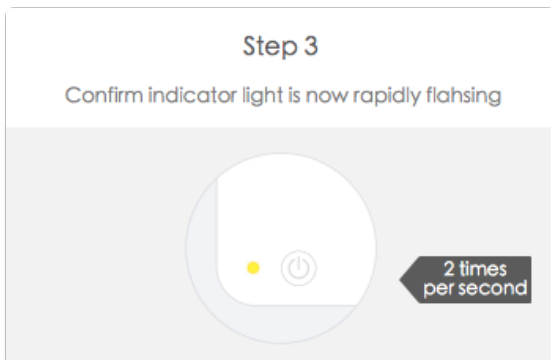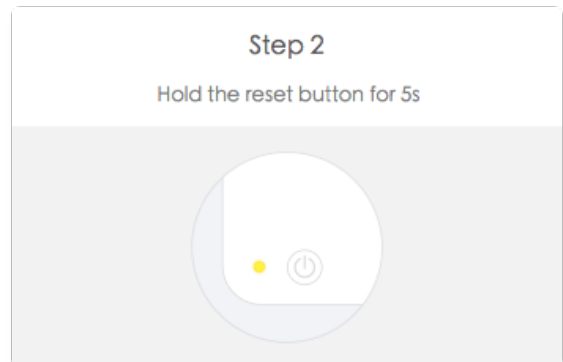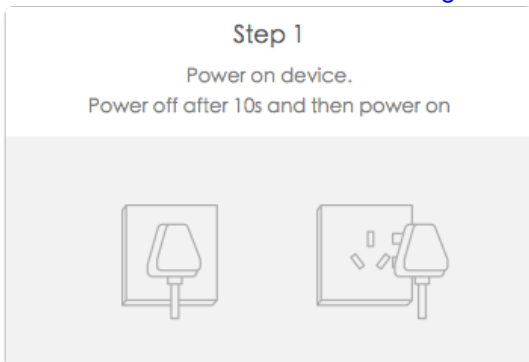| Picture 1 | Picture 2 | Picture 3 |

3.Add device-Normal mode

Power on and confirm indicator
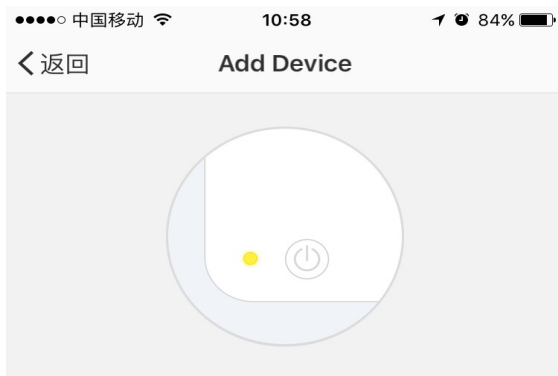light is rapidly flashing

1.For AP mode, please make sure the device's indicator light slowly flashes(1 time every 3 seconds),tap to go on to the next step
2. If indicator light is slowly flashing, tap "how to set indicator light as slow flashes" to view operation processes.

How to set up light as rapid flash

Confirm light is rapidly flashing

4.Add device-AP mode

Notes: How to set indicator light as rapid flashing

Step 1

Power on device.
Power off after 10s and then power on

Step 2

Hold the reset button for 5s

Step 3

Confirm indicator light is now rapidly flahsing

2 times
per second

❮返回   **Add Device**

Power on and confirm indicator
light is slowly flashing

How to set light as slow flash

Confirm light is slowly flashing

1.Enter the App, tap"+"in the upper right of the page to enter network connection page，as shown in the picture

2.There are two network connection methods(Normal mode and AP mode). Normal mode is default. Users could tap the upper right corner to switch the connection method to AP mode.
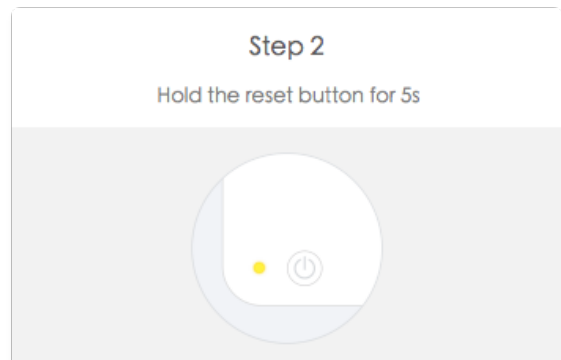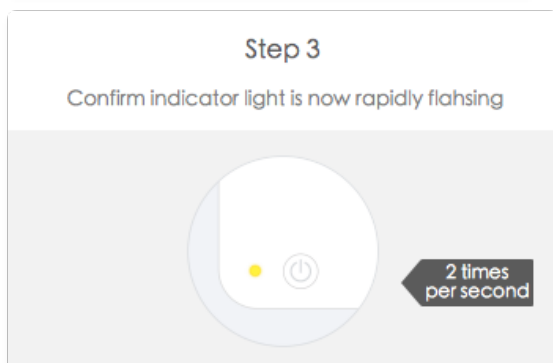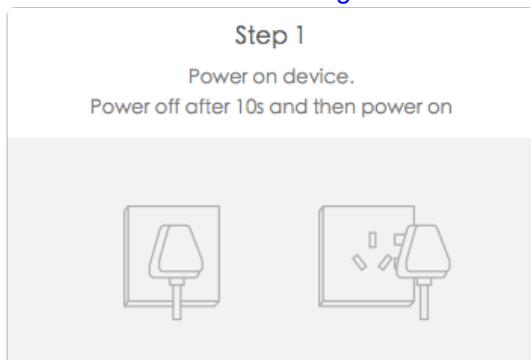
3.For normal mode, please make sure the device's indicator light rapidly flashes (2 times per second), tap to go on to the next step

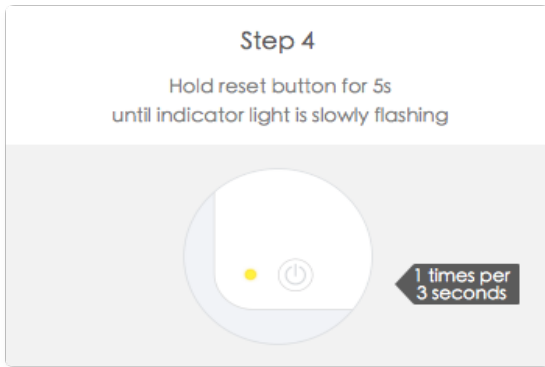**4. If indicator light is not rapidly flashing, tap "how to set indicator light as rapid flashes" to view operation processes.**

Notes: How to set indicator light as slow flashing

Step 1
Power on device.
Power off after 10s and then power on

Step 2
Hold the reset button for 5s

Step 3
Confirm indicator light is now rapidly flahsing

2 times
per second

Step 4

Hold reset button for 5s
until indicator light is slowly flashing

1 times per
3 seconds

5.Add device-Enter Wi-Fi password

Cancel

Please enter Wi-Fi password

🔒

Working Wi-Fi: Airtake-2.4G Not this

Confirm

Only support 2.4G Wi-Fi network

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

123 🌐 🎤 space return
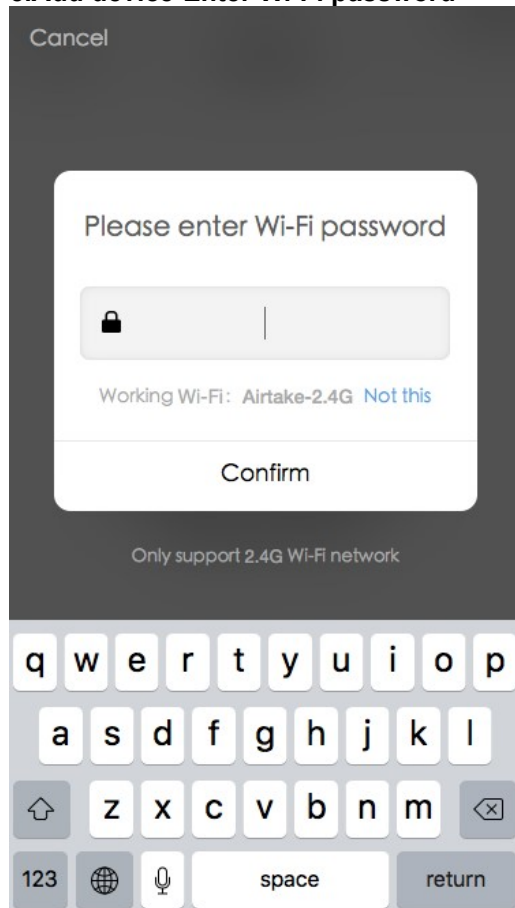
Select the Wi-Fi under which device is working, enter password and tap "Confirm" to enter network connection process, as shown in the picture below

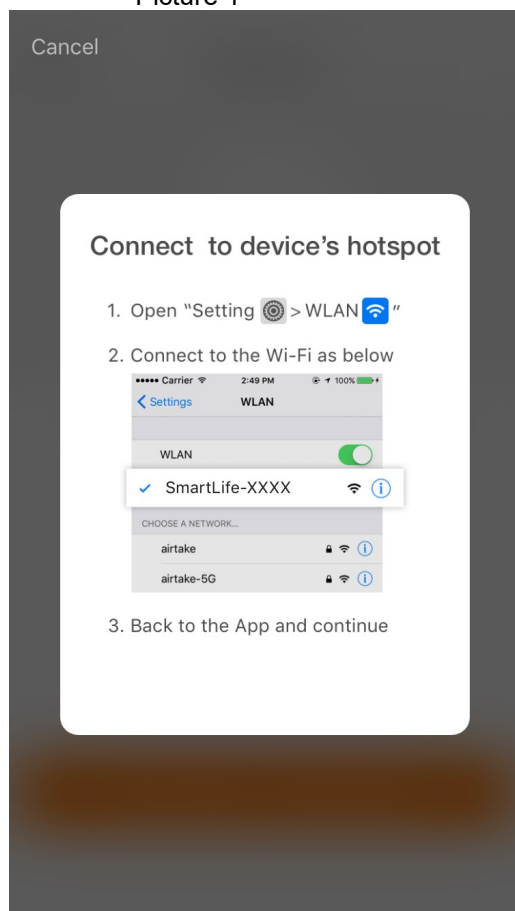**6.Add device-Network connection process**
If you select normal mode to connect device to the network, the App goes through the processes as shown in the picture 1. After the network connection is successfully, the App page will be shown in the picture 2
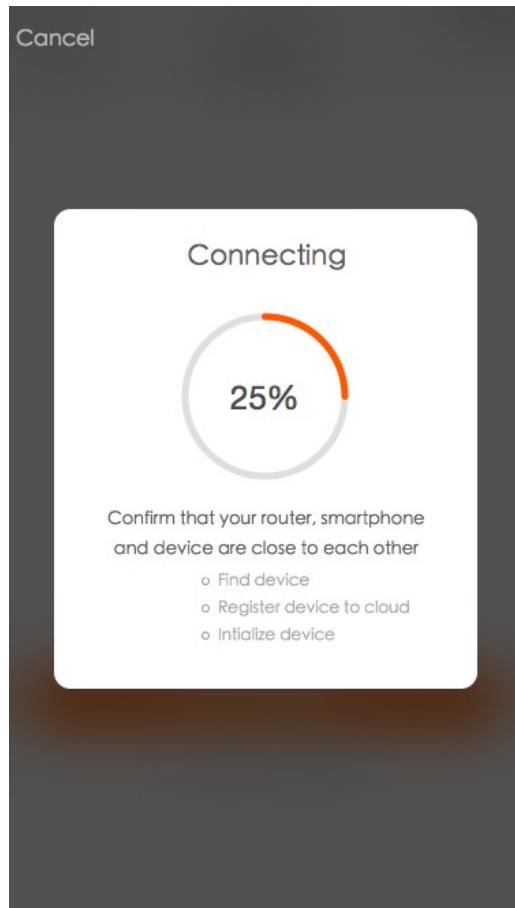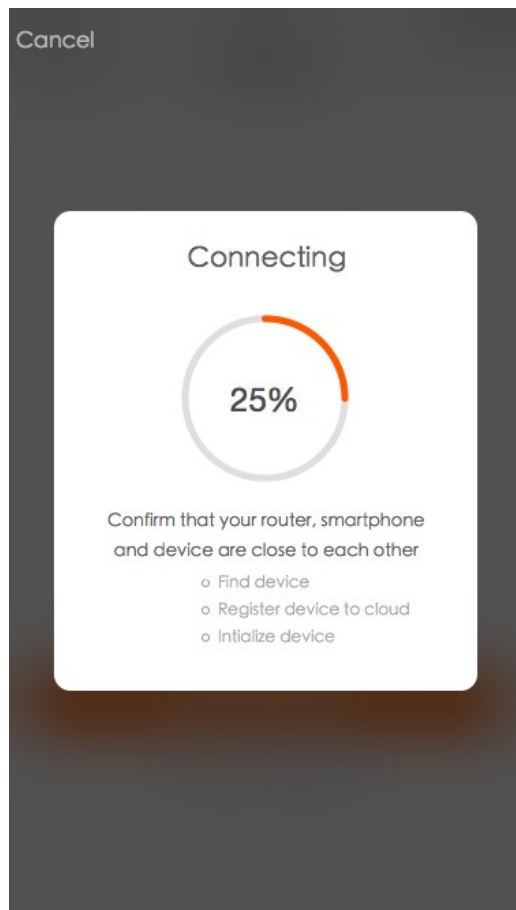
Picture 1
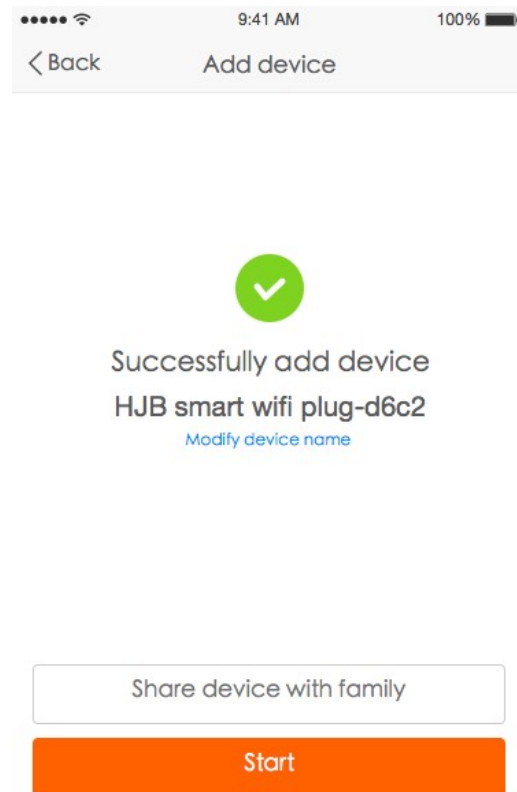
Picture 2

For AP mode，connect to the Wi-Fi hotspot named "SmartLife", as shown in the picture
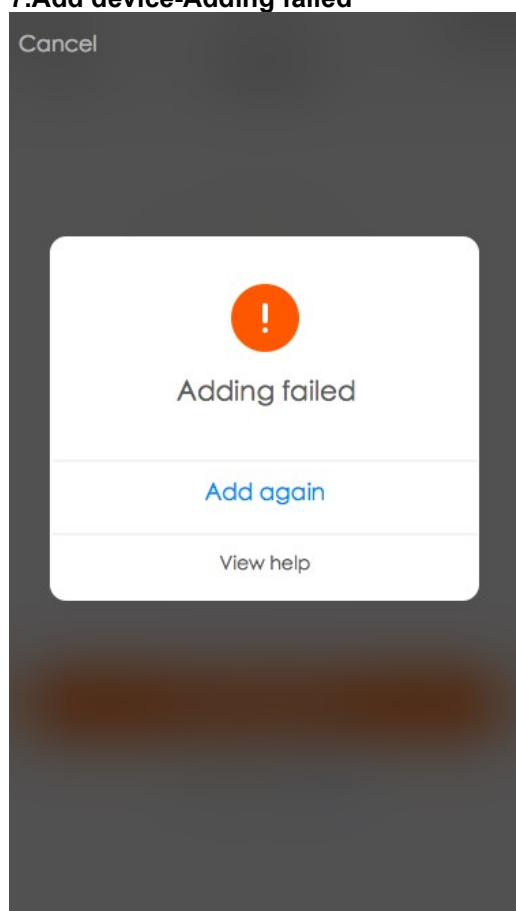**Notes: Some devices might have different hotspot names.**

After connecting with the hotspot, back to the network connection page to enter network connection process. The App goes through as shown in the picture 1. Picture 2 shows the App page when the network connection is successful.
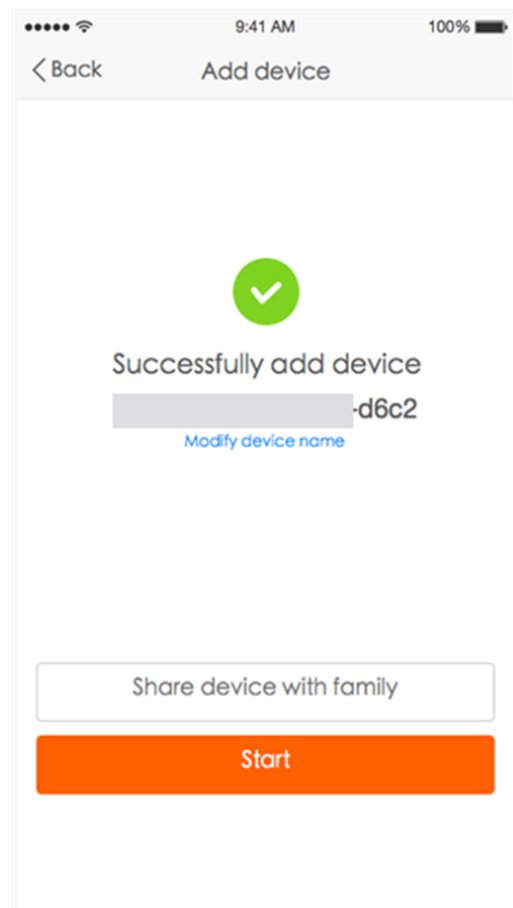
Picture 1
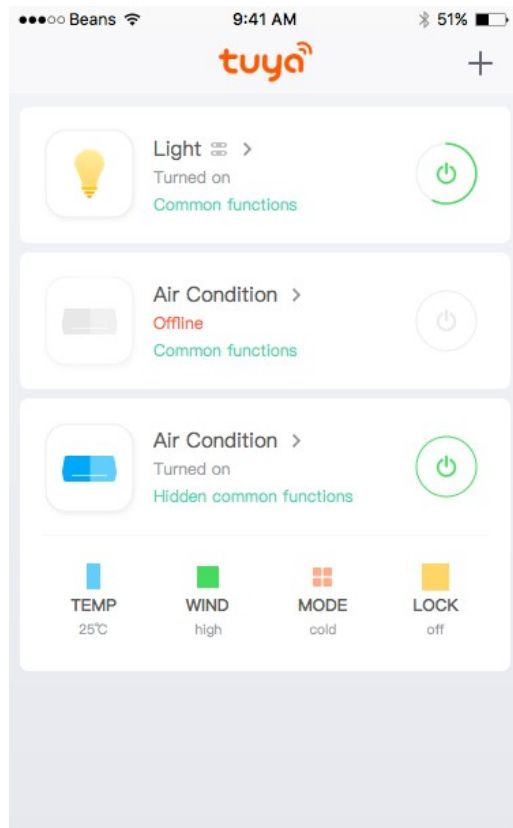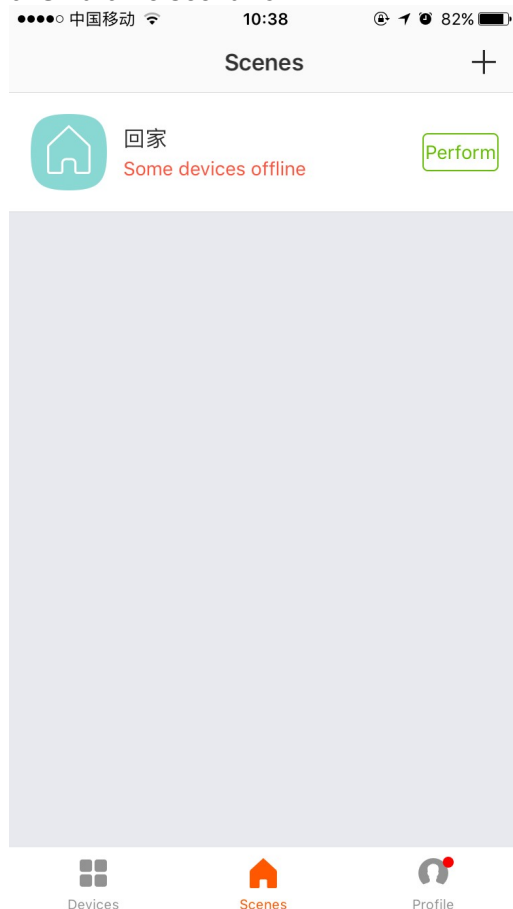

Picture 2

7.Add device-Adding failed

If your App interface is shown as in the picture, it means that the network connection failed. You could try by connecting again or view help.

8.Control device

After successfully configuring the devices, the smart device will be shown on the home page. Tap to enter its control page

Note:

1. **When device is online, it support short-cut operations**
2. **When device is offline, it displays "Offline" and can be controlled.**

9. Smart life scenario

Smart life scenario supports that devices perform corresponding actions under various conditions. The main conditions include:

1.Temperature
2.Humidity
3.Weather
4.PM2.5
5.Air quality
6.Sunrise & sunset time
7.Device's actions (such as turn on/ff)
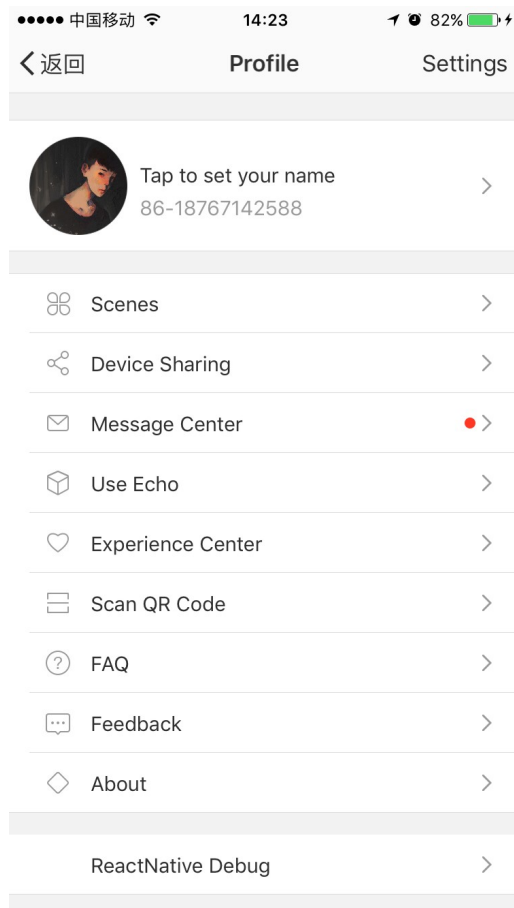
10.Profile

"Profile" page is where users could manage personal information. The key information is as follows:
1.Personal information
2. Smart life scenario
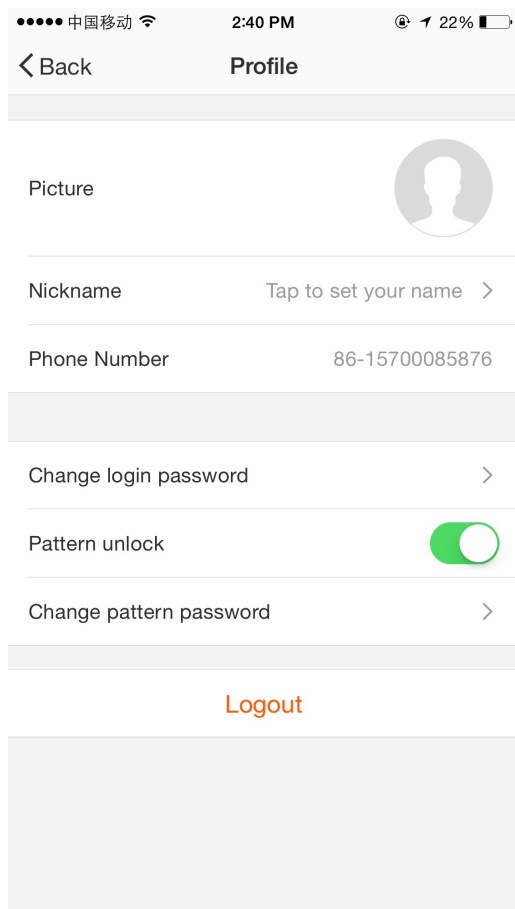**3. Device Sharing：display the information of shared devices**
4.Message center
5. F.A.Q
6. Entry to submit feedback
7. About

"Profile" page is for displaying personal account information.You can change login password, binding mobile number,set pattern unlock on this page.

Tap "Pattern unlock" to set your pattern.After setup,you have to enter your pattern to use the App

❮ Back   **Create pattern password**

Create a pattern password. Other persons can't control your devices even with your smartphone

Create pattern password

❮ Back   **Create pattern password**

Enter pattern password again
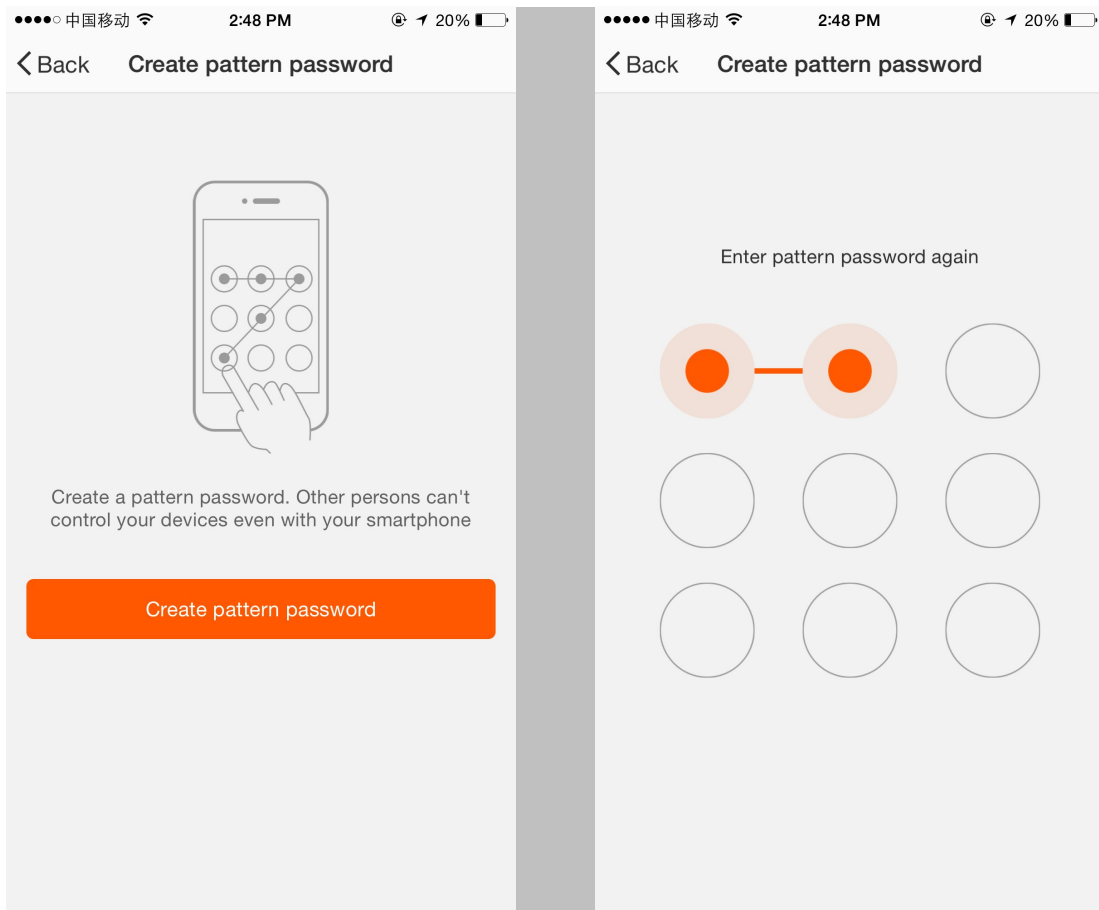
11.Profile-Pattern Unlock

Send sharing: The list shows all members who are added by your account.
You can delete the member and delete the sharing by swiping left.
Receive sharing: The list shows all devices that your account has received.
You can delete the sharing by swiping left.

❮ Back   **My Sharings**

Sharings sent   Sharings received

USERS BELOW ARE SHARING YOUR DEVICES

Add Sharing

❮ Back   **My Sharings**

Sharings sent   Sharings received

USERS BELOW ARE SHARING YOUR DEVICES

Delete
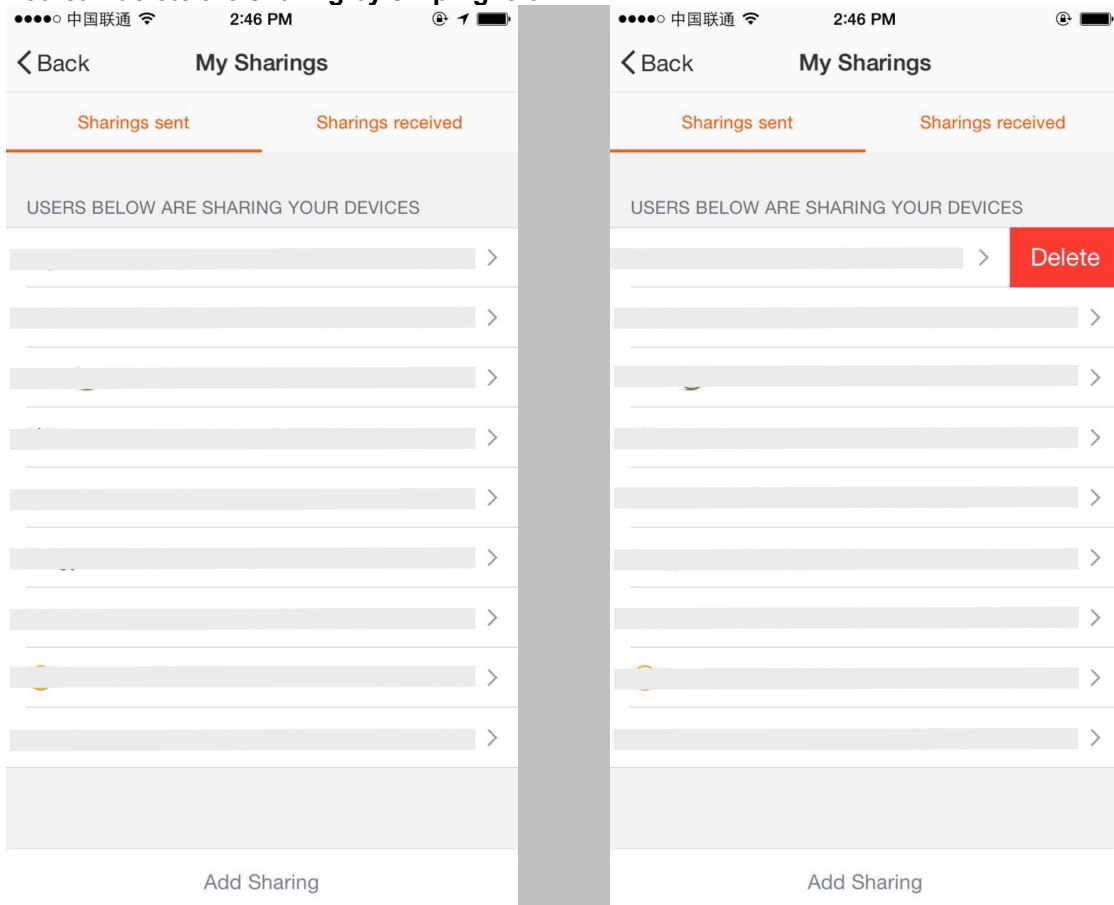
Add Sharing

12.Profile-Device Sharing

●●●●● 中国移动 🔊   2:44 PM   🔄 21% 🔋

Cancel   **Add Sharing**

Add new member to use smart device

| China +86 | Enter mobile number/E-mail 👤 |

Confirm
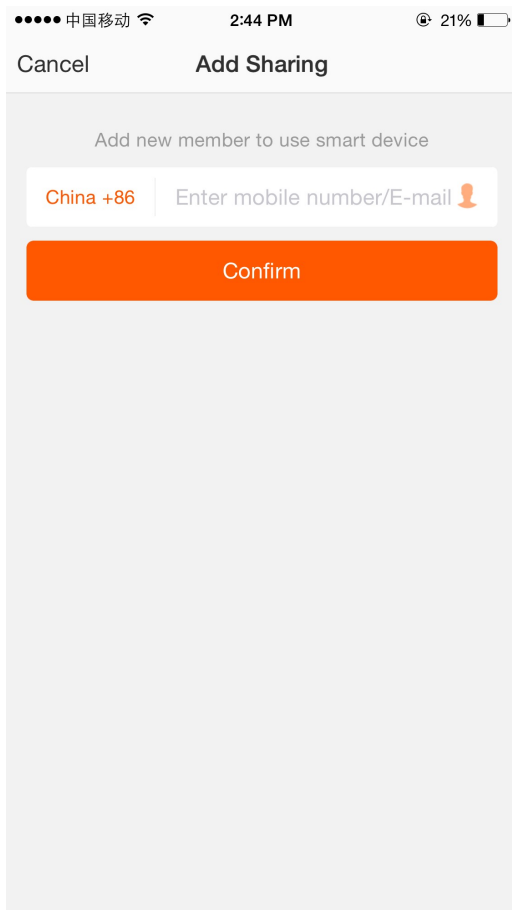
Add sharing: As shown in the picture, users could input a new member's mobile number and share the device with him. The new member could then control the shared device.
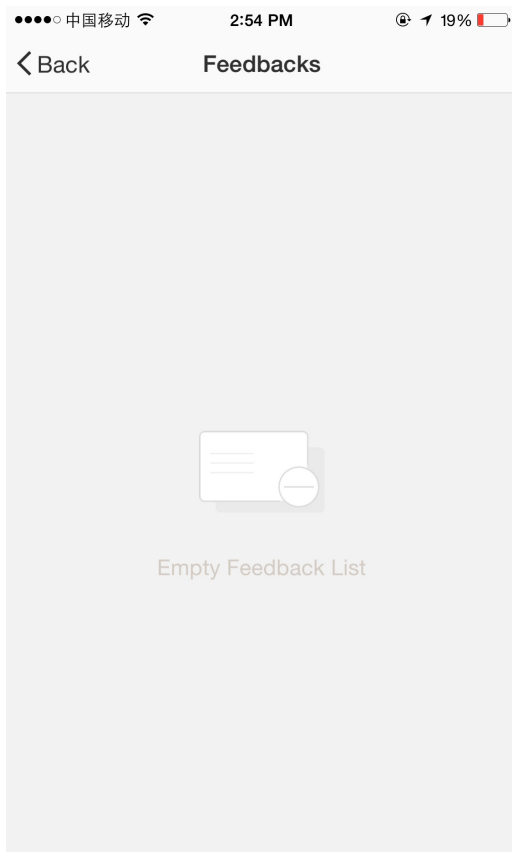
13.Profile-Message center

●●●●○ 中国移动 🔊   2:59 PM   🔄 ➤ 18% 🔋

‹ Back   **Message Center**

No new message
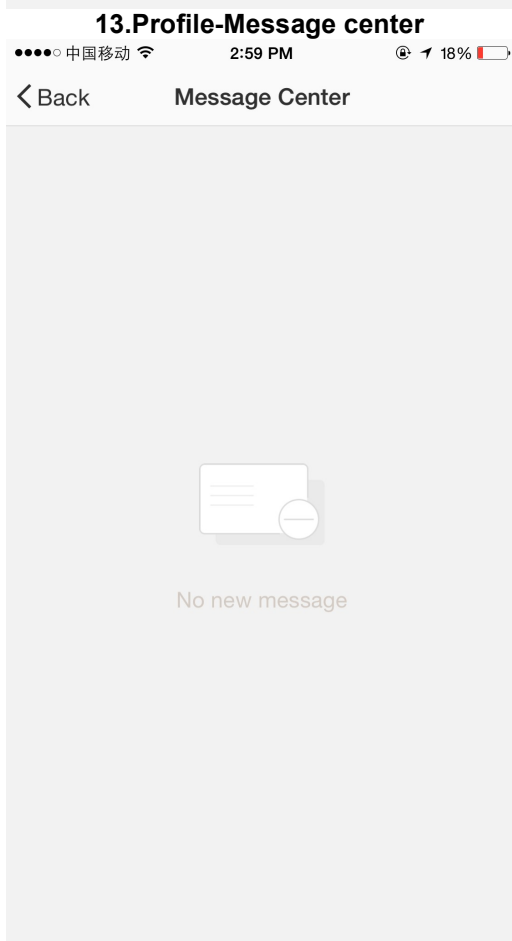
Message centre: Including notifications of new device and new sharing

Profile

‹ Back   **Feedbacks**

Empty Feedback List

New Feedback

Feedback: Entry where users could submit their feedback

‹ Back   **About**

Rate us   ›

Current version   1.0.0
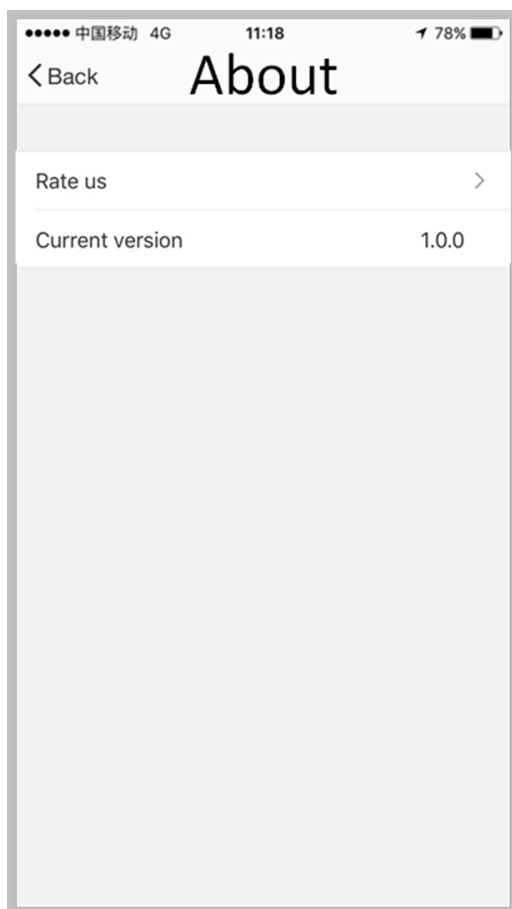
App's other related information include:
1.Tap on "rate us", App will be redirected to a corresponding App market, where you could rate us
2. Show App version number

MAINTENANCE & CLEANING

1) Before cleaning, be sure to disconnect the unit from any electric supply outlet;
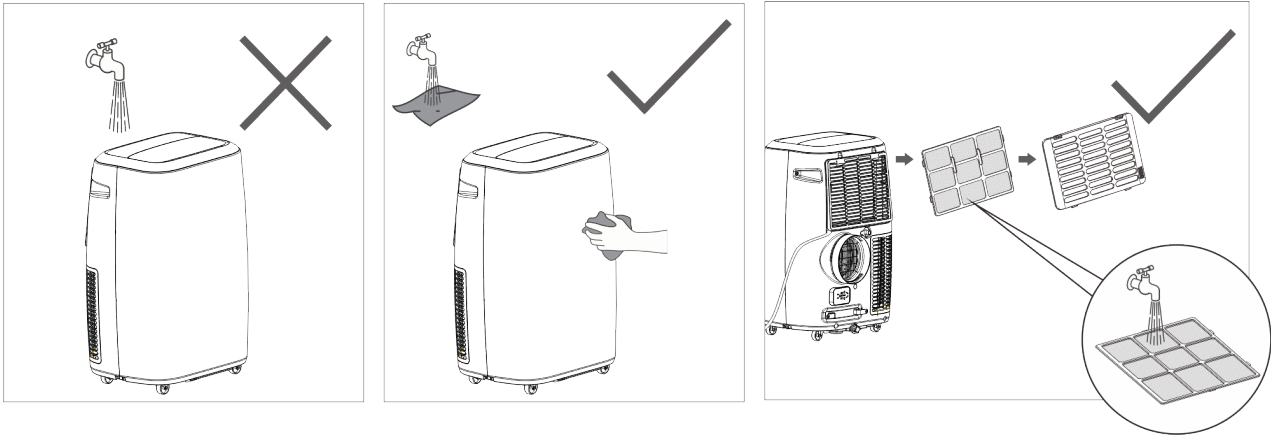2) Do not use gasoline or other chemicals to clean the unit;
3) Do not wash the unit directly;
4) If the conditioner is damaged, please contact the dealer or repair shop.

Cleaning Air Filter

If the air filter becomes clogged with dust/dirt the unit will not function properly, the air filter should be cleaned once every two weeks.

- Open the air inlet grille and take off air filter.
- Clean the air filter with a brush (brush the dust/dirt off the filter)
- If very dirty use a neutral detergent in lukewarm water and dry in the shade.
- Put air filter back into unit & close the air inlet grille.

Clean the Air-conditioner Surface

First clean the surface with a neutral detergent and wet cloth, and then wipe it with a dry cloth.

END OF SEASON STORAGE

Before storing the machine be sure to drain all of the water from the machine (see water drainage section)

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Unit does not operate or only runs in fan mode.	Is the unit plugged in?	Securely plug the power cord into the wall outlet.
	Is the main power supply on?	Re-establish the main power supply.
	Is the water container full indicator light on?	Empty the water container.
	Is the timer set?	Change timer settings.
Cooling efficiency is not satisfactory.	Is the air inlet or outlet blocked?	Clear the blocking.
	Is there any other heat source in the room?	Move the heat source.
	Are the air filters dirty?	Clean the air filters.
	Is the temperature setting suitable?	Change the temperature setting.
	Is the fan speed set at low?	Increase the fan speed.
Auto power off in Heating Mode	Heating Protection, when the temperature at the air outlet exceeds 70C, the unit will power off automatically	Restart the unit at lower room temeprature
Unit is noisy or vibrates.	Is the machine positioned unevenly on a level surface?	Place the unit on a level surface.
The unit starts and stops frequently.	Is the voltage from the power source correct?	Use a proper power source.
	Is the exhaust hose positioned incorrectly?	Position the exhaust hose correctly and keep the exhaust hose straight as possible.

ERROR CODES

Diagnostic system indicators appear if any of the following interrupts operation of the unit. The unit may require simple maintenance or repair by a qualified service technician.

E0 Code	Room temperature sensor failed	Replace room temperature sensor (the unit can also work without replacement.)
E1 Code	Condenser temperature sensor failed	Replace condenser temperature sensor
E2 Code	Water tray full when cooling	Take off rubber stopper and empty the water.
E3 Code	Evaporator temperature sensor failed	Replace evaporator temperature sensor
E4 Code	Water tray full when heating	Please empty the water tray.

If any other error codes are displayed please contact the following via email **sales@climachill.co.uk**

TECHNICAL SUPPORT / CUSTOMER SERVICE CONTACT

If you require Technical Support or Customer Service please contact us in the following way: -

Email: sales@climachill.co.uk