KSAIF0701AAA
Smart Kit, USB Dongle

Installation and Owner's Manual

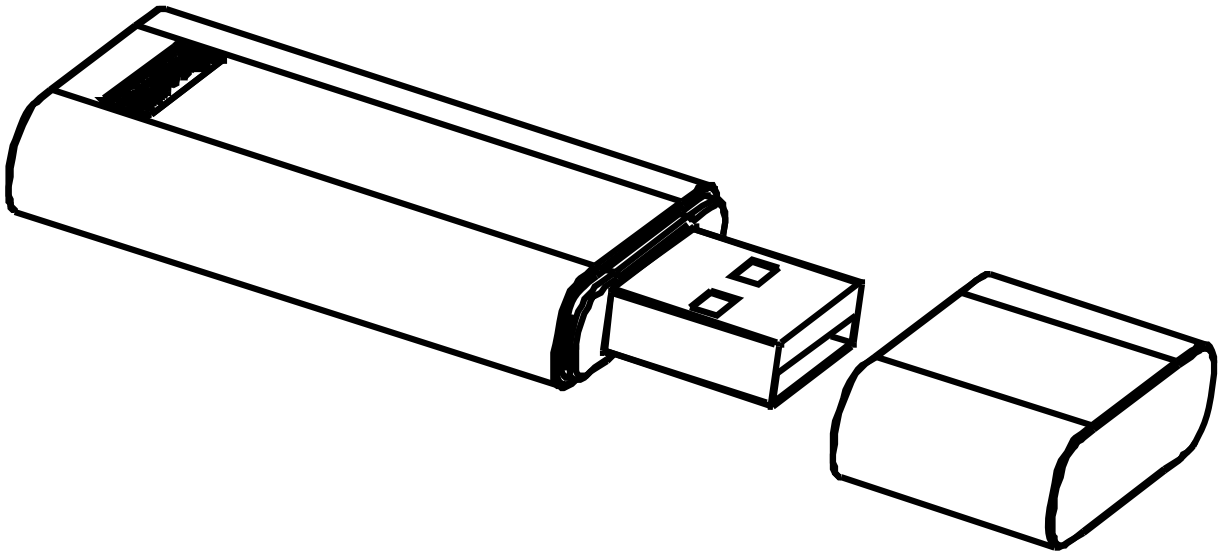

Fig. 1 – Smart Kit, USB Dongle

NOTES: Read the entire instruction manual before starting the installation.
Images are for illustration purposes only.
Actual models may differ slightly.

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SPECIFICATIONS

Model: US-OSK105, US-OSK106, US-OSK109 Antenna Type: Printed PCB Antenna
Frequency Band: 2400-2483.5MHz
Operation Temperature: 32°F~113°F/0°C~45°C
Operation Humidity: 10%~85%
Power Input: DC 5V/500mA
Maximum TX Power: <20dBm

PRECAUTIONS

APPLICABLE SYTEM: iOS, ANDROID.
Keep you APP up to date with the latest version.
Due to special situations that occur, we explicitly claim the below: Not all of the Android and iOS system are compatible with APP. We will not be responsible for any issue as a result of the incompatibility.

WIRELESS SAFETY STRATEGY
Smart kit only support WPA-PSK/WPA2-PSK/WPA3-SAE encryption and none encrytion.WPA-PSK/WPA2-PSK/WPA3-SAE encryption is recommended.

CAUTIONS
Due to different network situations, control process may return time-out sometimes. If this situation occurs, the display between board and App may not be the same, please do not feel confused.
Smart Phone camera needs to be 5 million pixels or above to make sure scan QR code well.
Due to different network situations, sometimes, request time-out could happen, thus, it is necessary to do network configuration again.
The APP system is subject to update without prior notice for product function improvement. The actual network configuration process may be slightly different from the manual, the actual process shall prevail.

Please Check The Service Website For More information.

DOWNLOAD AND INSTALL APP

Android Phone users:

1. Go to Google play.
2. Search "Carrier Climate/Bryant Control Box/Payne Pane" app.
3. Download it.

iOS users:

1. Scan iOS QR code or go to APP Store.
2. Search "Carrier Climate/Bryant Control Box/Payne Pane" app.
3. Download it.

INSTALL THE SMART KIT (WIRELESS MODULE)

Note: Illustrations in this manual are for explanatory purposes. The actual shape of your indoor unit may be slightly different.

1. Remove the protective cap of the smart kit.

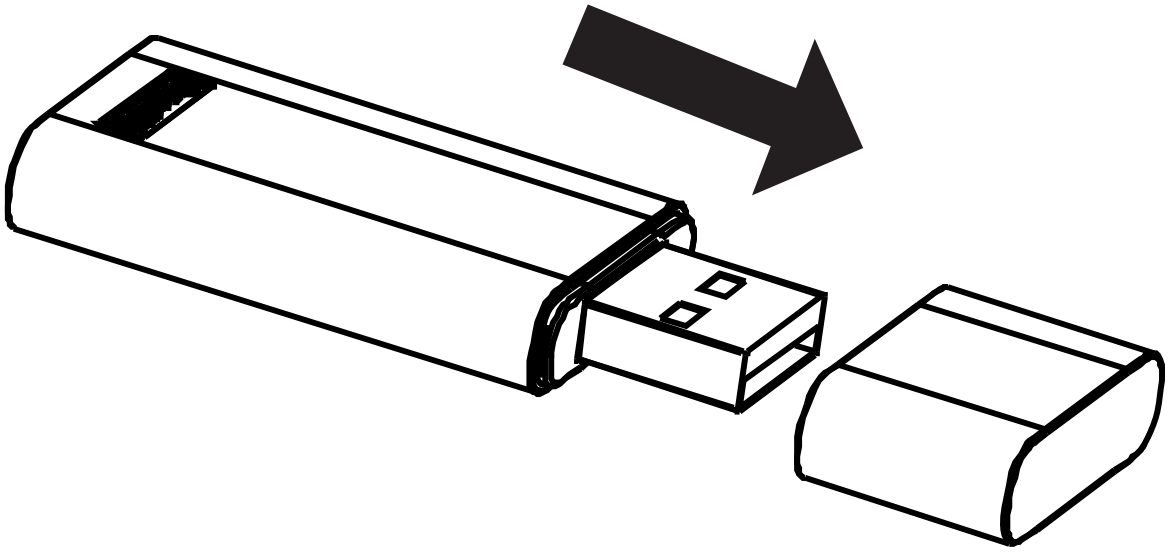

Fig. 2 —Remove Protective Cap

High Wall

Open the front panel and insert the smart kit into the reserved interface.

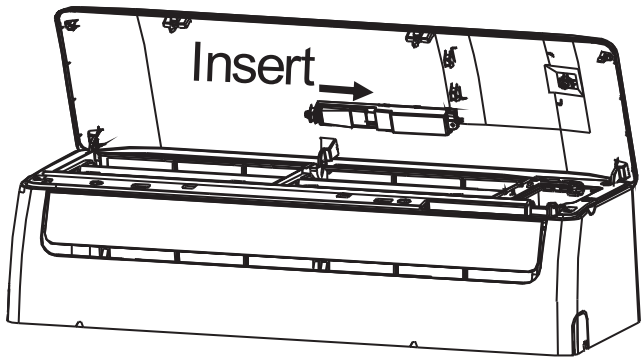

Fig. 3 —Model A - Insert Smart Kit

Floor Console, One-Way Cassette, and Four-Way Cassette

a. Open the front panel.
b. Unscrew the display cover and remove it.
c. Insert the smart kit into the reserved interface.
d. Reinstall the display cover.

WARNING

This interface is only compatible with SMART KIT (Wireless module) provided by the manufacturer. For the smart device access, replacement, maintenance operations must be carried out by professional staff.

2. Attach the QR code packed with SMART KIT to the side panel of the machine or other convenient location, ensure it is convenient to be scanned by the mobile phone.

USER REGISTRATION

- **Ensure your mobile device is connected to Wireless router, and that the Wireless router has already connected to Internet before doing user registration and network configuration.**
- **It is better to log in your email box and active your registration account by clicking link in case you forget the password. You can log in with the third party accounts.**

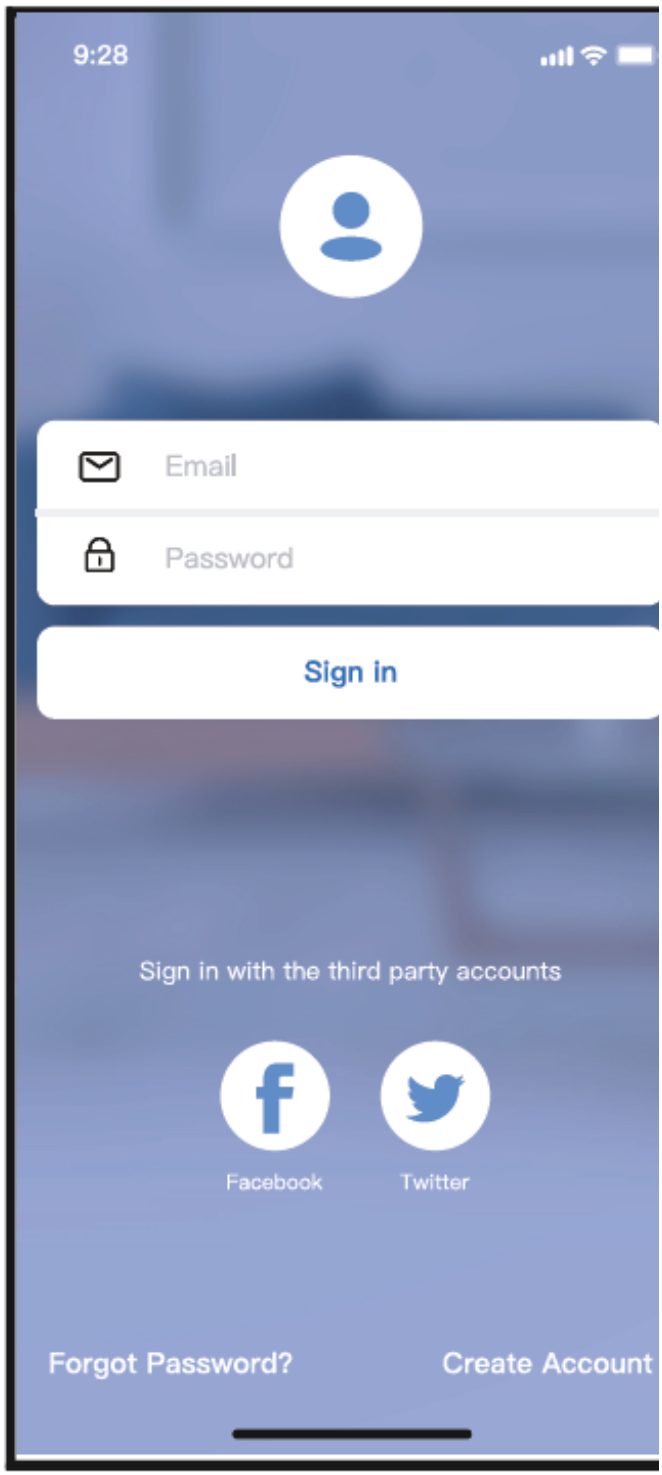

Fig. 4 —Android

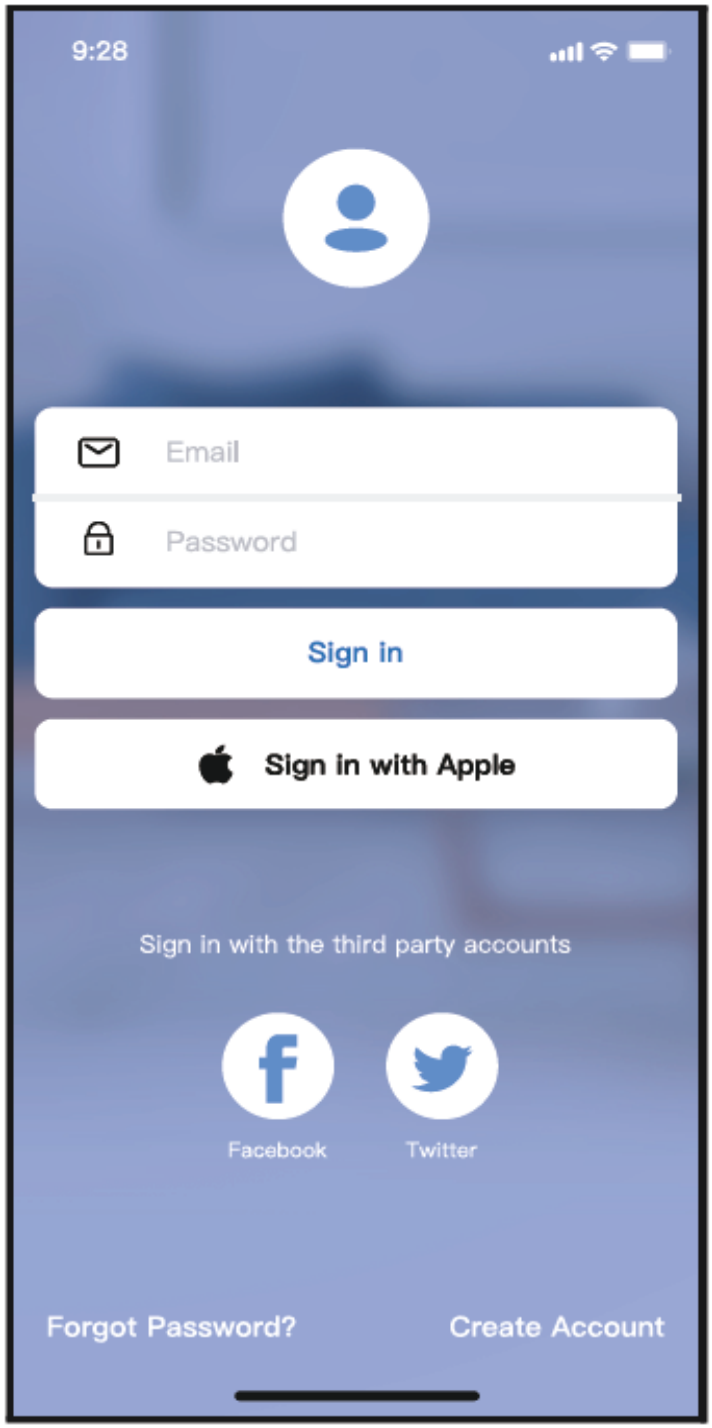

Fig. 5 —iOS

1. Click "Create Account"

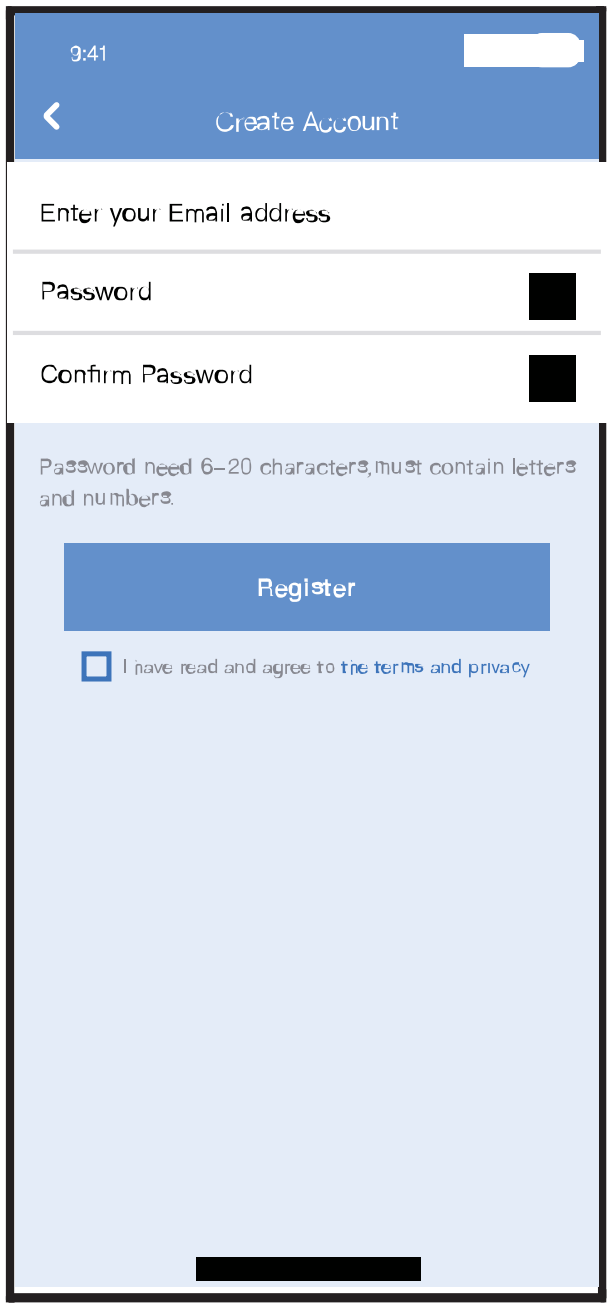

Fig. 6 —Create Account Screen

2. Enter your email address and password, and then click "Register "

NETWORK CONFIGURATION

CAUTION

It is necessary to forget any other around network and make sure the Android or iOS device just connect to the Wireless network you want to configure.

Make sure the Android or iOS device Wireless function works well and can be connected back to your original Wireless network automatically.

NOTE: The user must finish all the steps in 8 minutes after powering on the unit, otherwise you need to power on it again.

USING ANDROID OR iOS DEVICE FOR NETWORK CONFIGURATION

1. Make sure your mobile device has already been connected to the Wireless network which you want to use. It is recommended to select FORGET ALL NETWORKS except the one used to connect the fan coil to prevent configuration errors.
2. Disconnect the power supply of AC.

3. Connect the power supply of AC. Using the wireless remote, continuously press the "LED DISPLAY" or "DO NOT DISTURB" button seven times in 10 seconds.

When the AC displays "AP", it means that the AC Wireless has already entered into "AP" mode.

FINISHING THE NETWORK CONFIGURATION

1. Network Configuration by Bluetooth Scan

Note: Make sure the Bluetooth of your mobile device is working.

1. Press "+ Add Device"

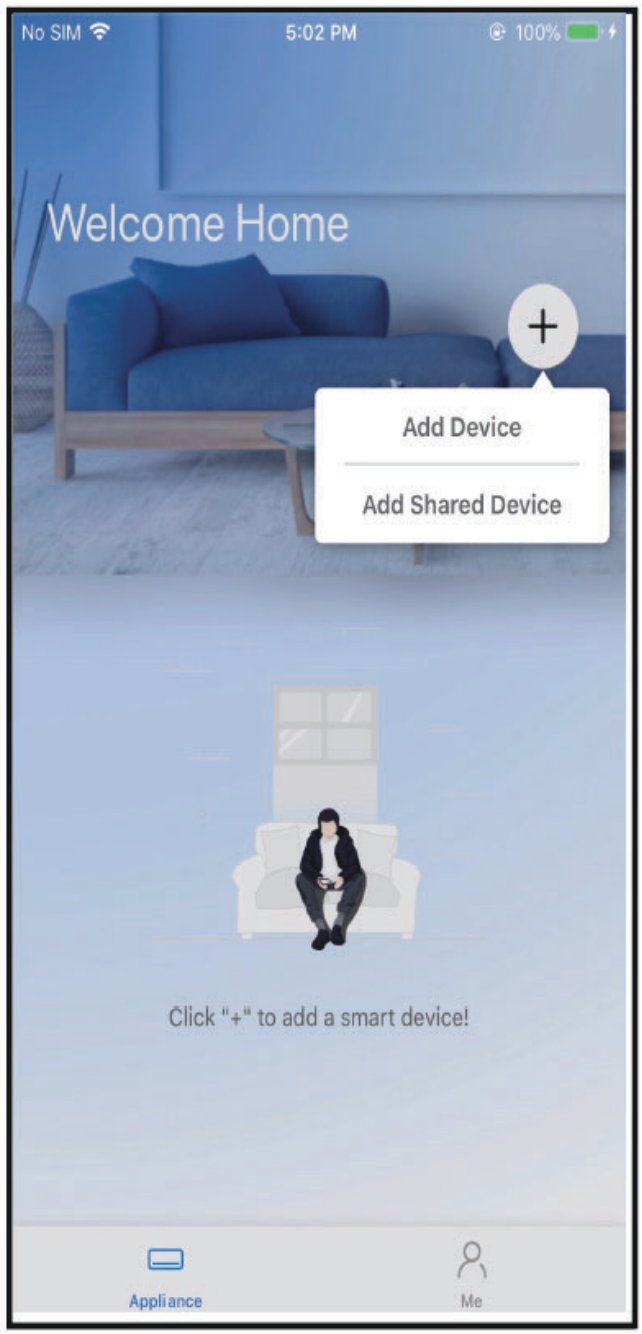

Fig. 7 —+ Add Device

2. Press "Scan for Nearby Devices"

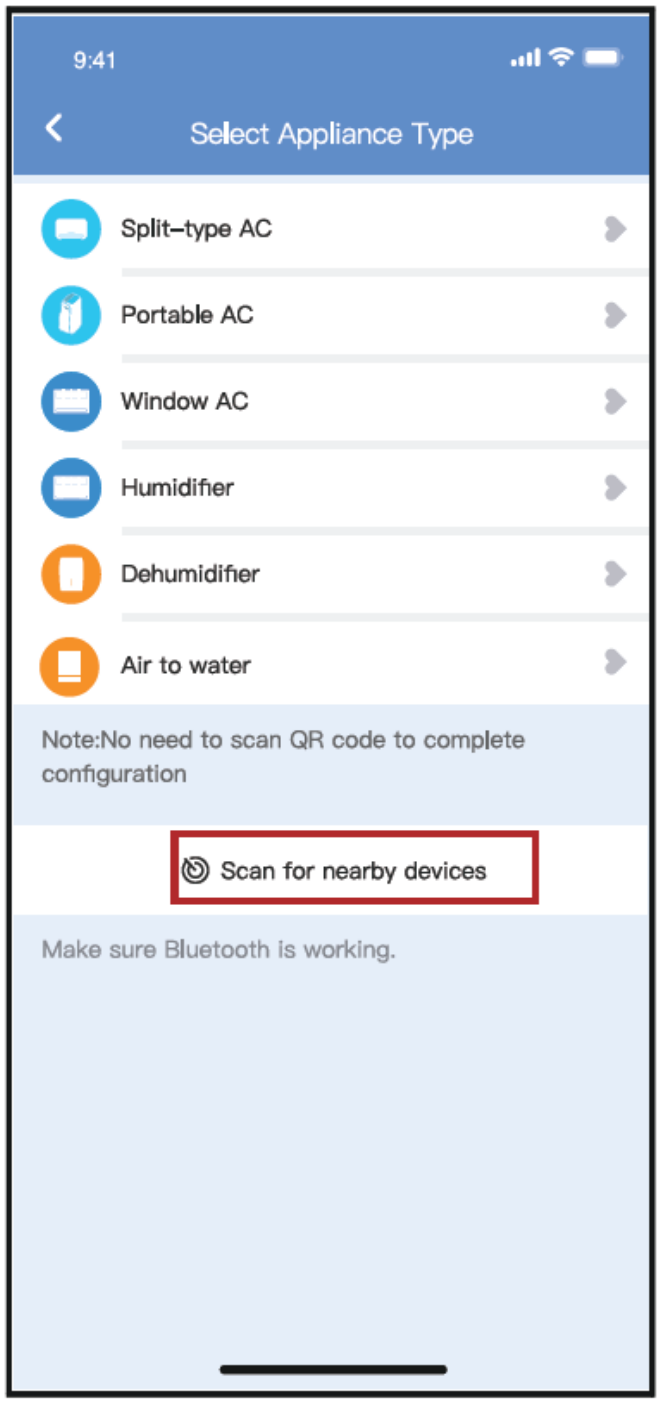

Fig. 8 —Press Scan for Nearby Devices

3. Wait for smart device to find nearby devices.

Select "Split-Type AC" when it appears on the screen unless it connects automatically.

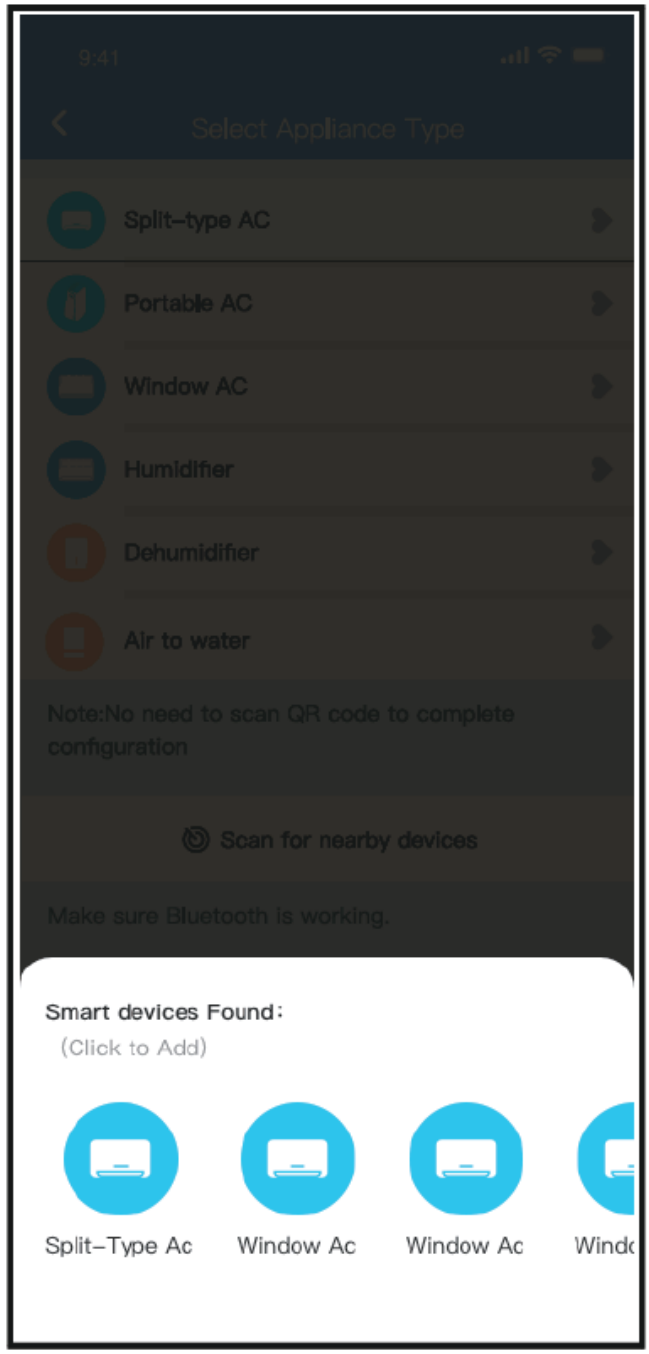

Fig. 9 —Wait for Smart Device to Find Devices

4. Select home wireless and enter password.

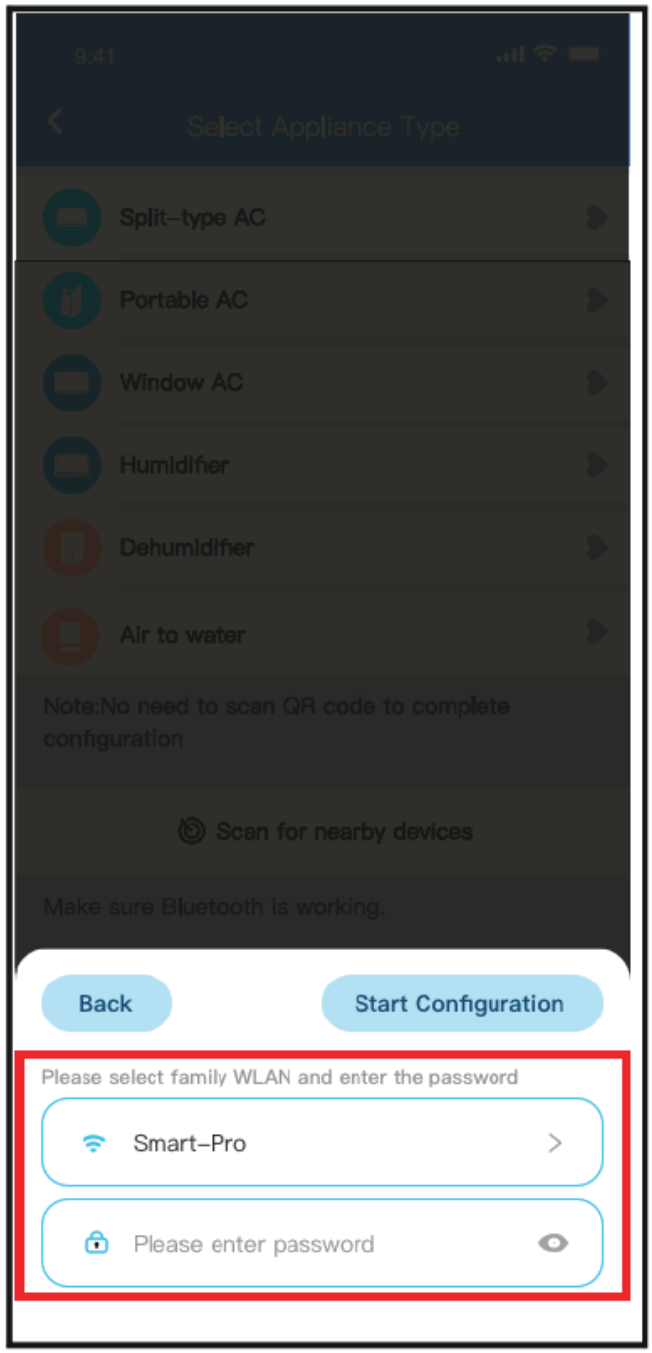

Fig. 10 —Select Home Wireless and Enter Password

5. Wait for the device to connect to the Internet

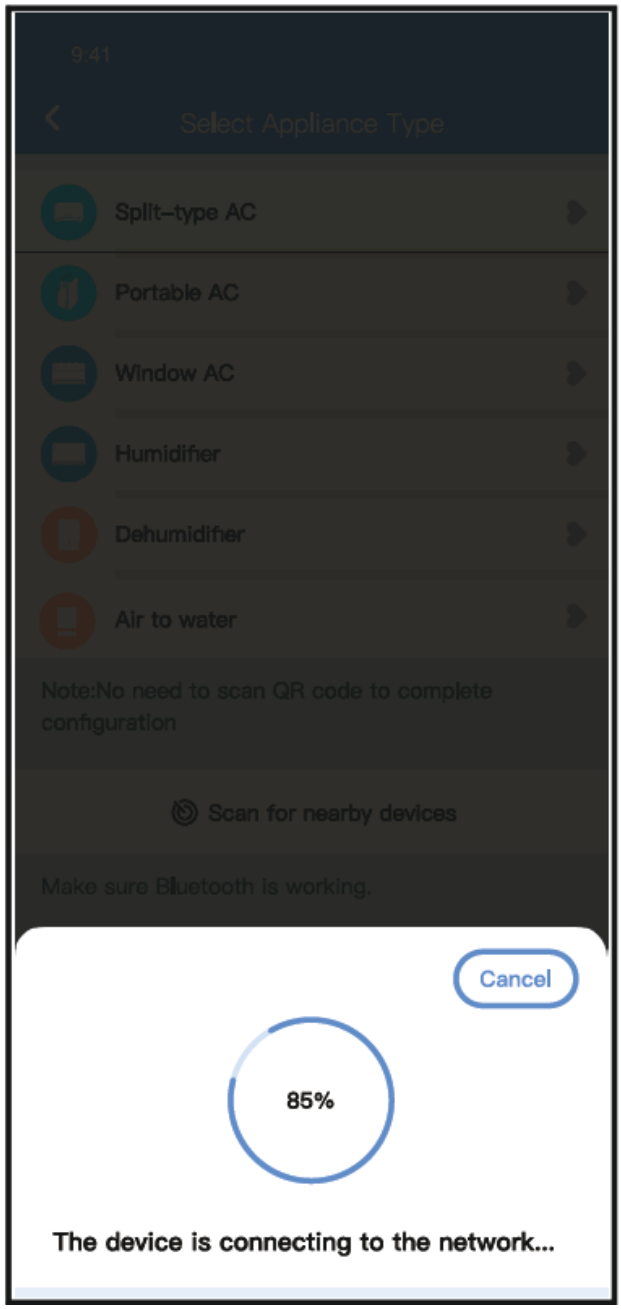

Fig. 11 —Wait for device to connect to Internet

6. Configuration Successful.

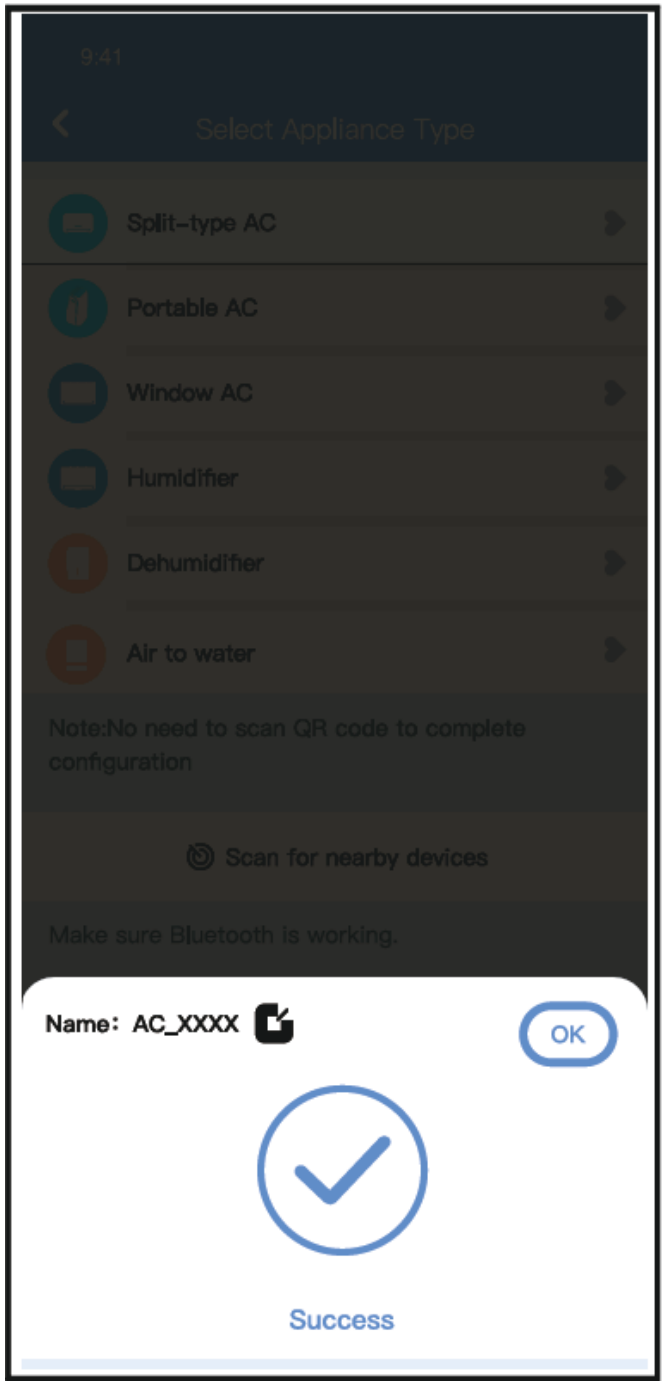

Fig. 12 —Configuration Successful

7. Change the default name. See Fig. 11 above (Name: AC_XXXX). Choose an existing name or customize a new name.

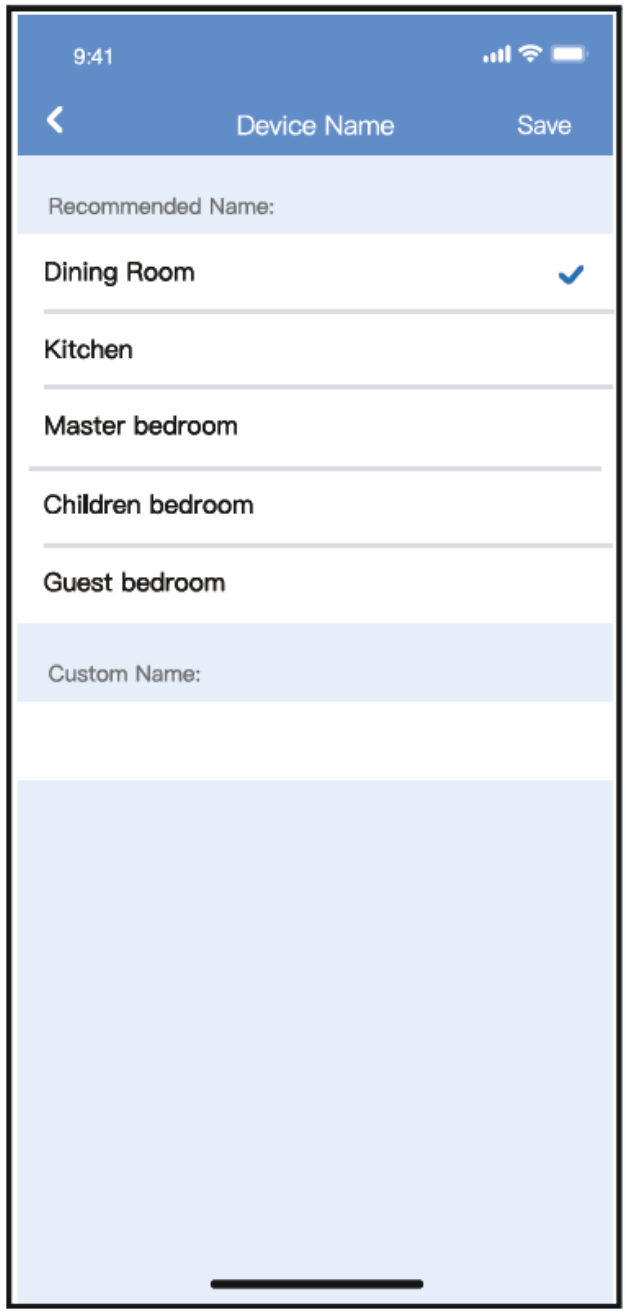

Fig. 13 —Change Default Name

8. Bluetooth network configuration successful. You can now see the device in the list.

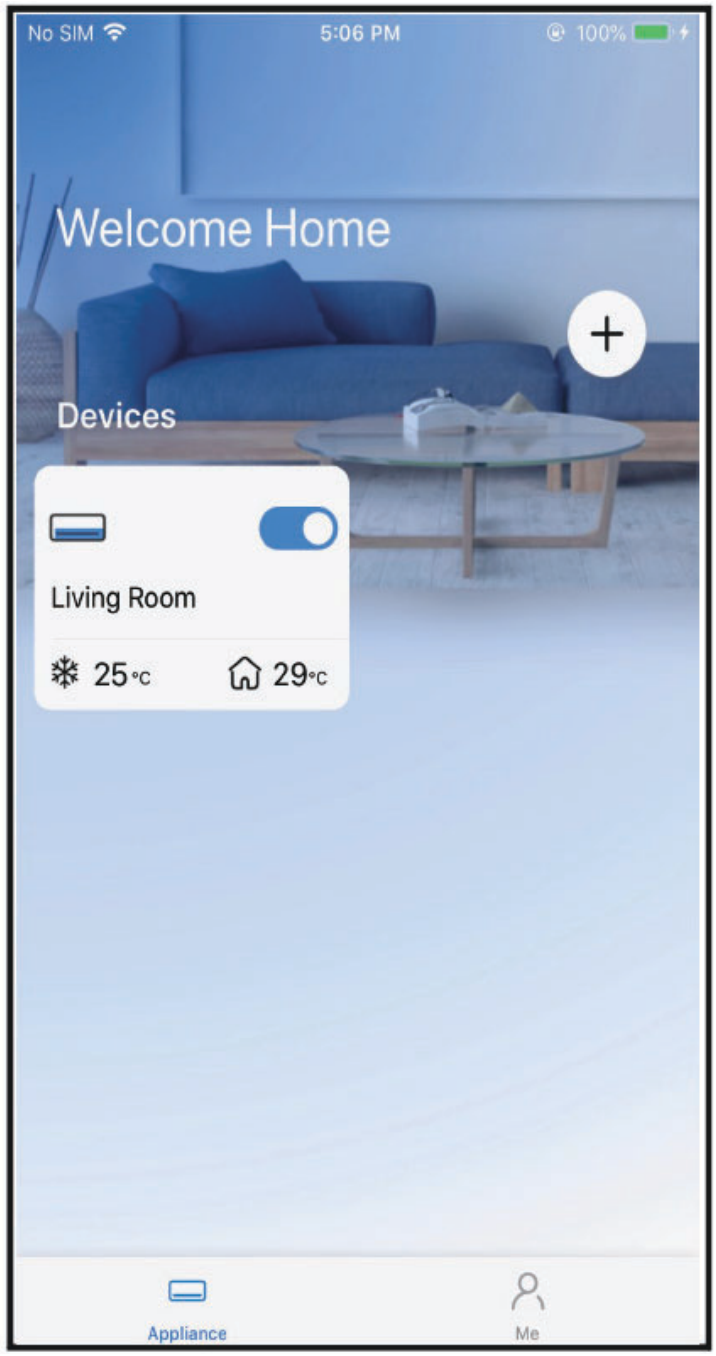

Fig. 14 —Bluetooth Network Configuration Successful

2. Network Configuration by Selecting Appliance Type

1. If the Bluetooth network configuration fails, Select the appliance type.

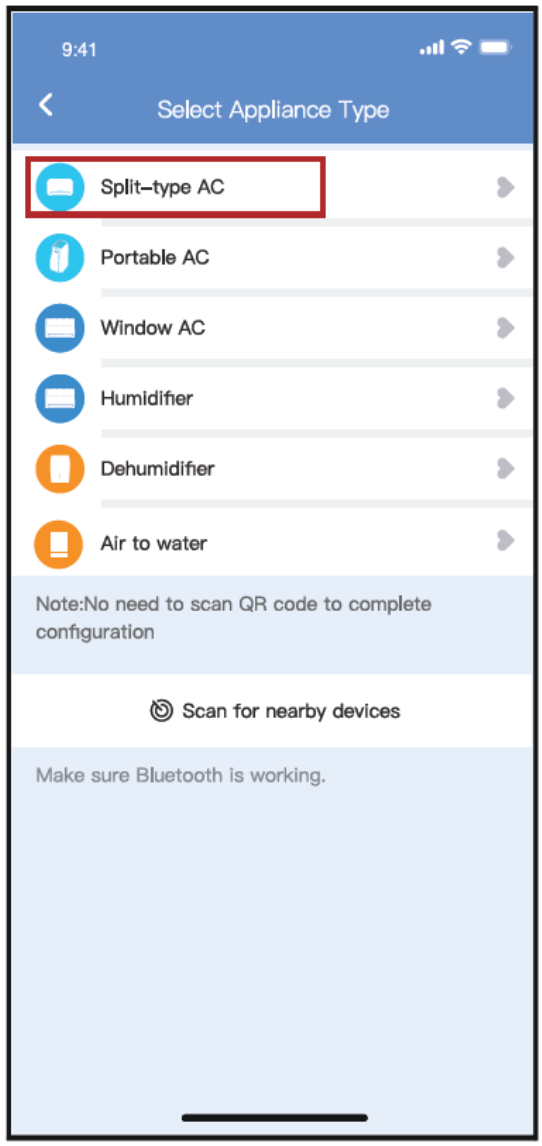

Fig. 15 —Network Configuration by Selecting Appliance Type

2. Follow these steps to enter "AP" mode.

a. Power on the device, wait 5 seconds, and click "Next"

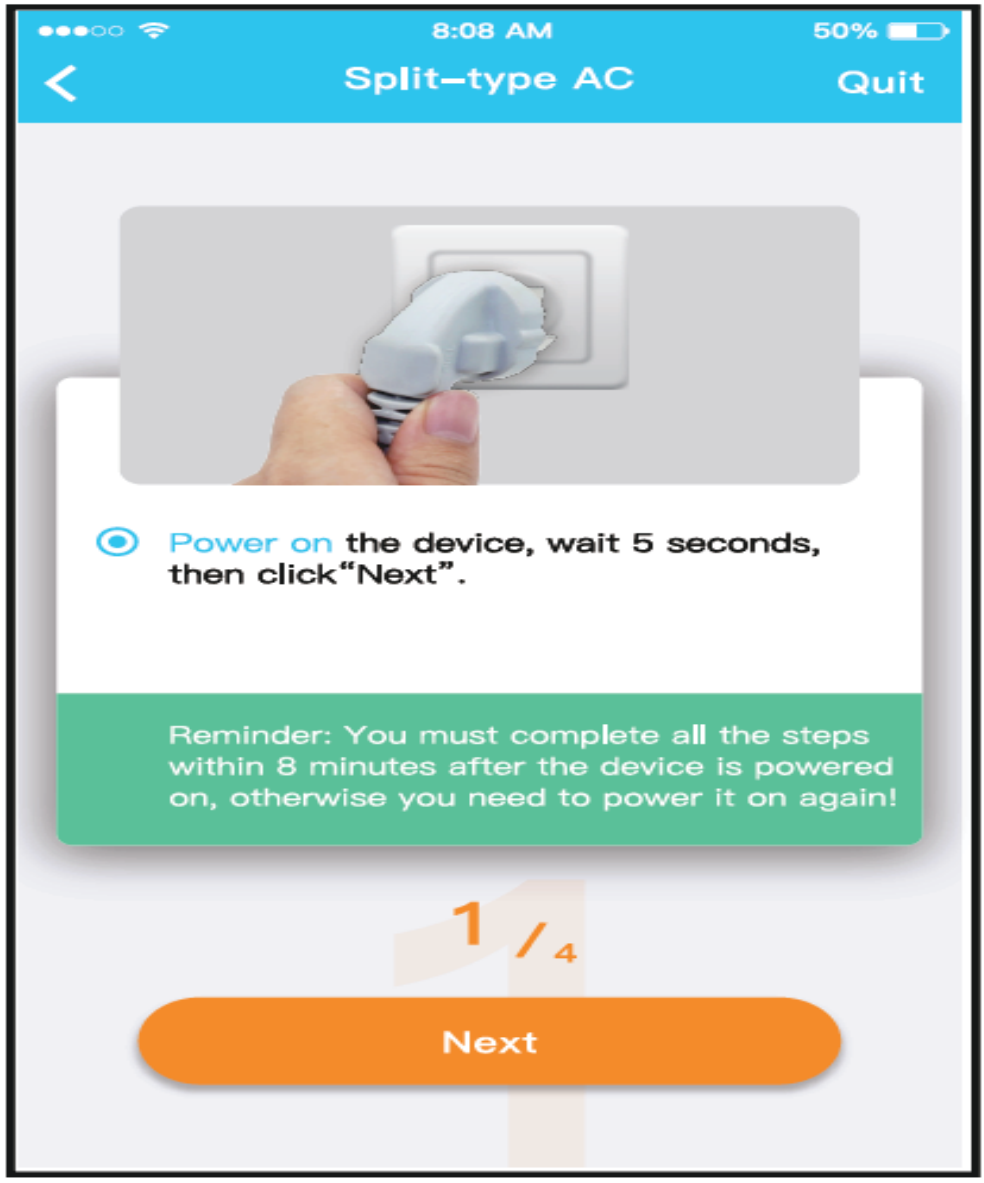

Fig. 16 —Power on, wait 5 seconds, click "Next"

b. Press the LED or Do Not Disturb button on the remote 7 times until the device shows "AP" on the display.

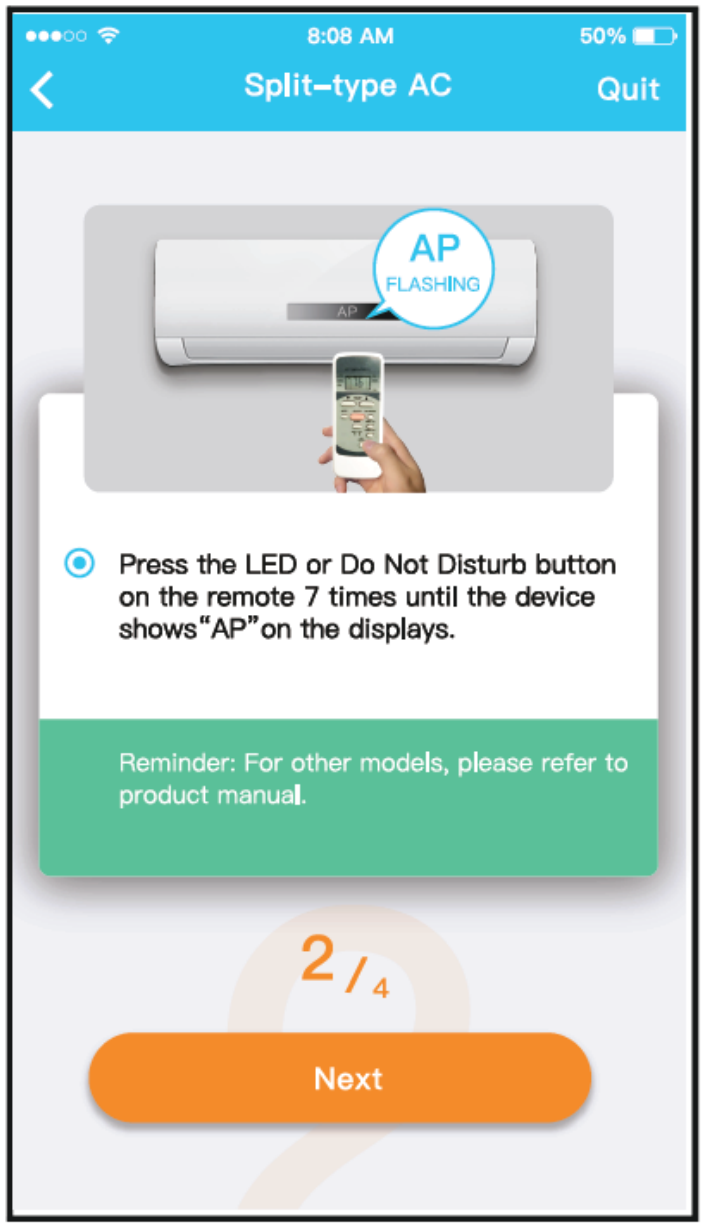

Fig. 17 —Press LED or Do Not Disturb Button 7 times Until Device Shows "AP"

3. Choose the network configuration method.

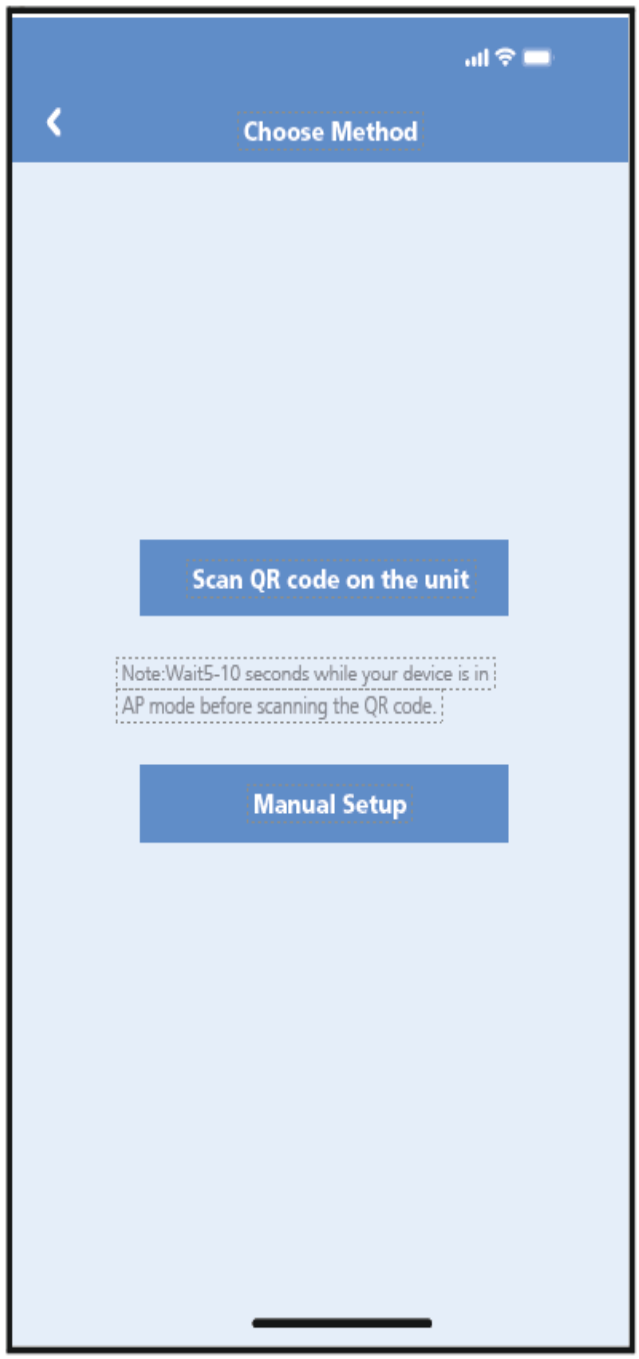

Fig. 18 —Choose Network Configuration Method

4. Choose the "Scan the QR code" method.

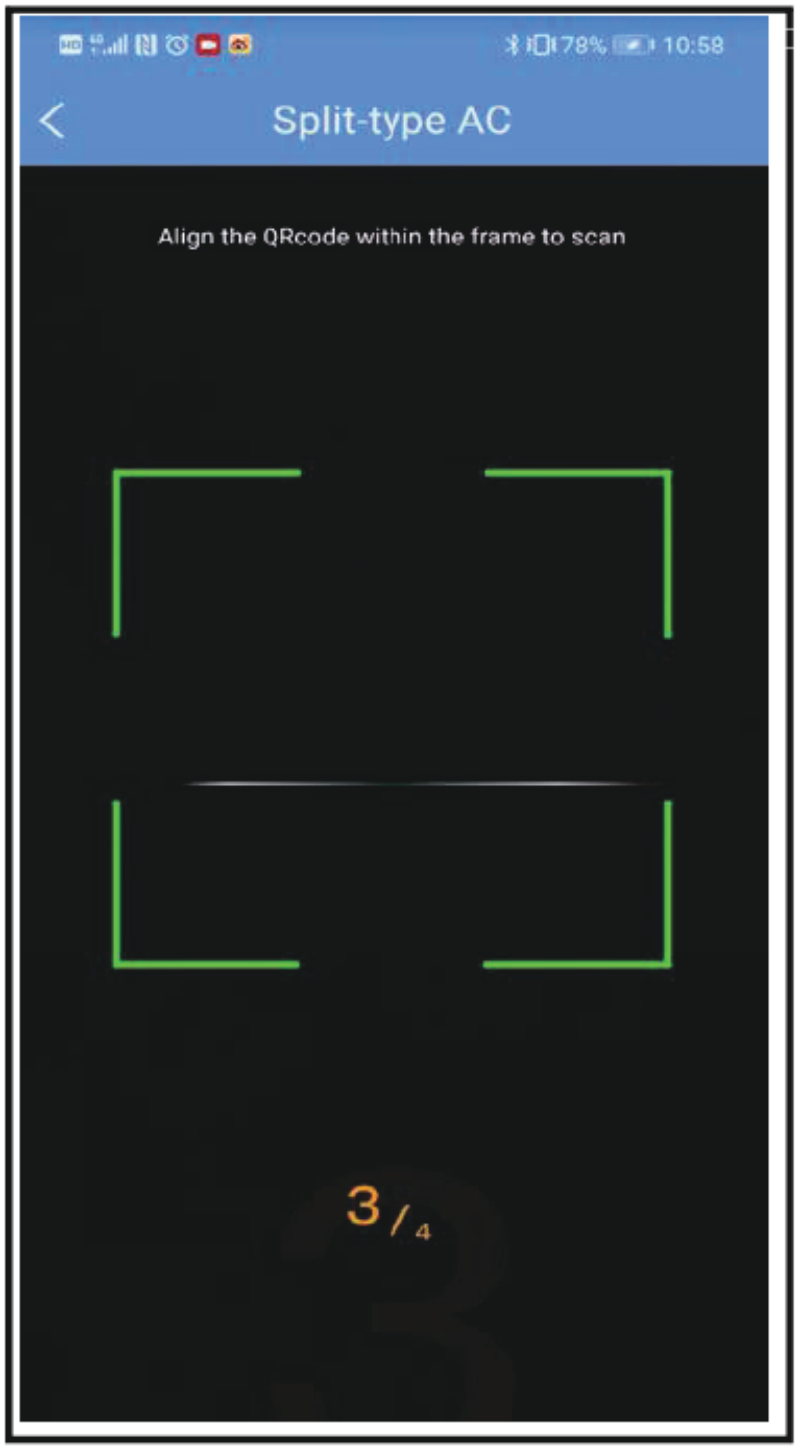

Fig. 19 —Choose "Scan the QR code"

NOTE: Steps 3 and 4 are applicable to Android systems only. The iOS system does not require these two steps.

5. For Androids, choose the "Manual Setup" method. For iOS, Choose Connect to the wireless network.

Fig. 20 —Choose "Manual Setup" (Android), or Connect to the wireless network (iOS).

6. Enter a Password.

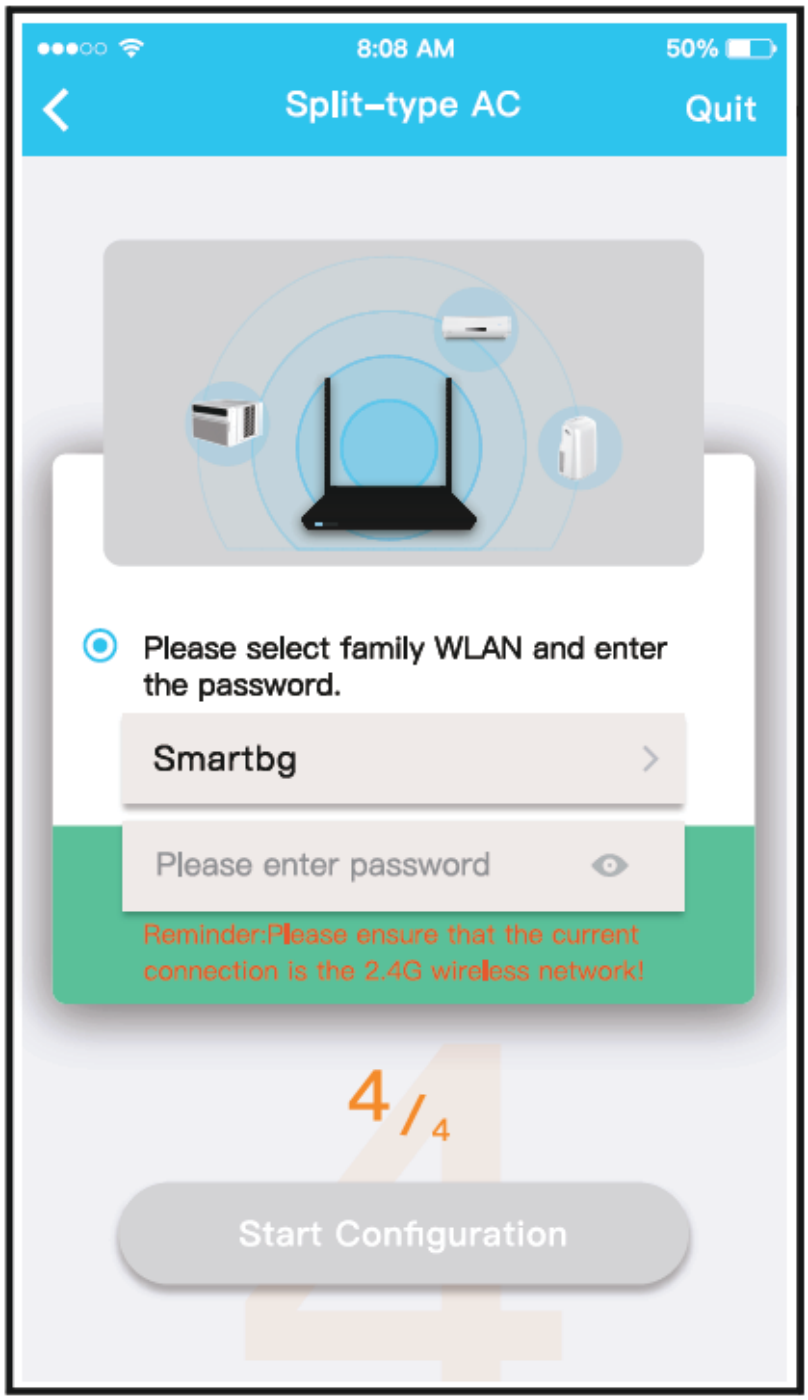

Fig. 21 —Enter Password

7. Network configuration is successful.

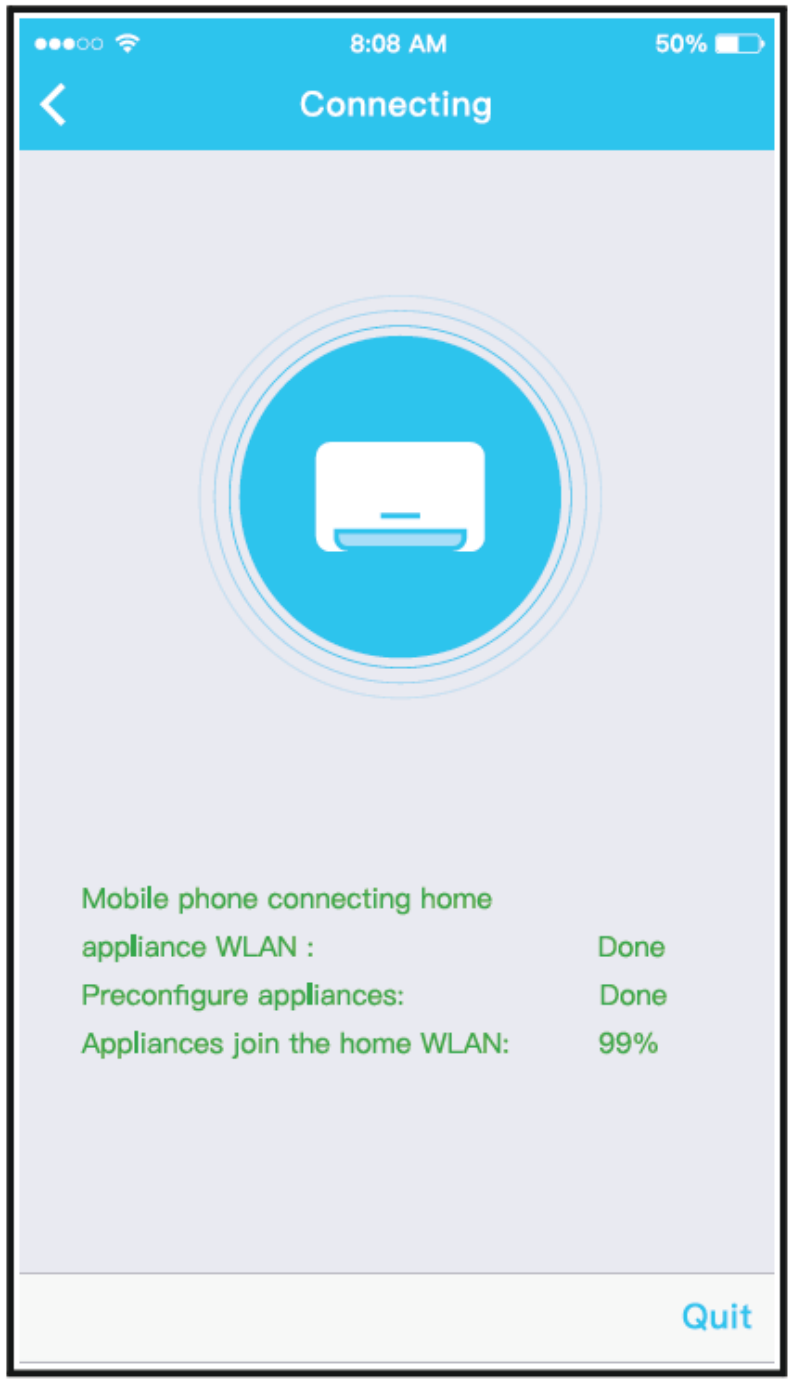

Fig. 22 —Network Configuration Successful

8. The configuration is successful. You can see the device in the list.

NOTE: The user can also select units in °F

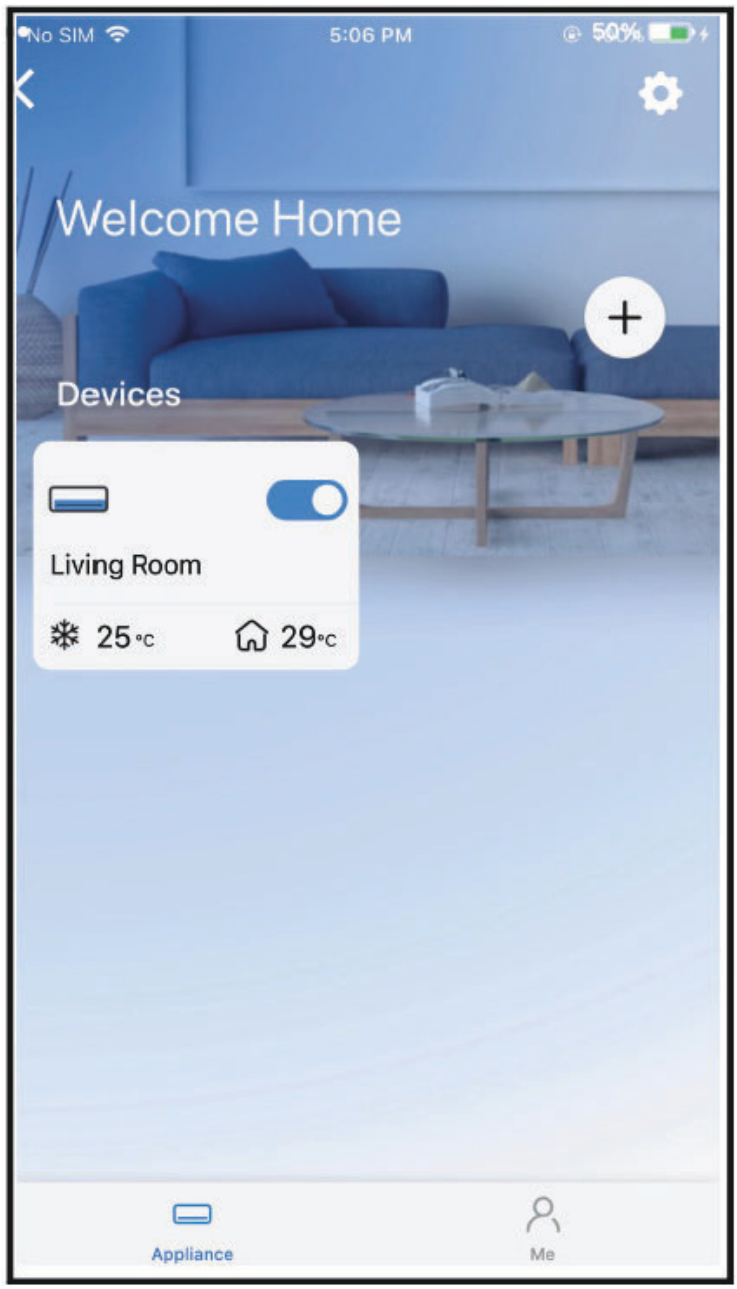

Fig. 23 —Configuration Successful

NOTE:

- **When finishing network configuration, the APP will confirm whether the connection was successful or not.**
- **Due to different Internet environments, it is possible that the device status still displays "offline," If this occurs, it is necessary to pull and refresh the device list on the APP and make sure the device status becomes "online." Alternatively, the user can turn off the AC power and turn on it again, the device status will become "online" after few minutes.**

HOW TO USE APP

NOTE: Ensure both your mobile device and air conditioner are connected to the Internet before using app to control the air conditioner through the Internet.

1. Click "Sign in"

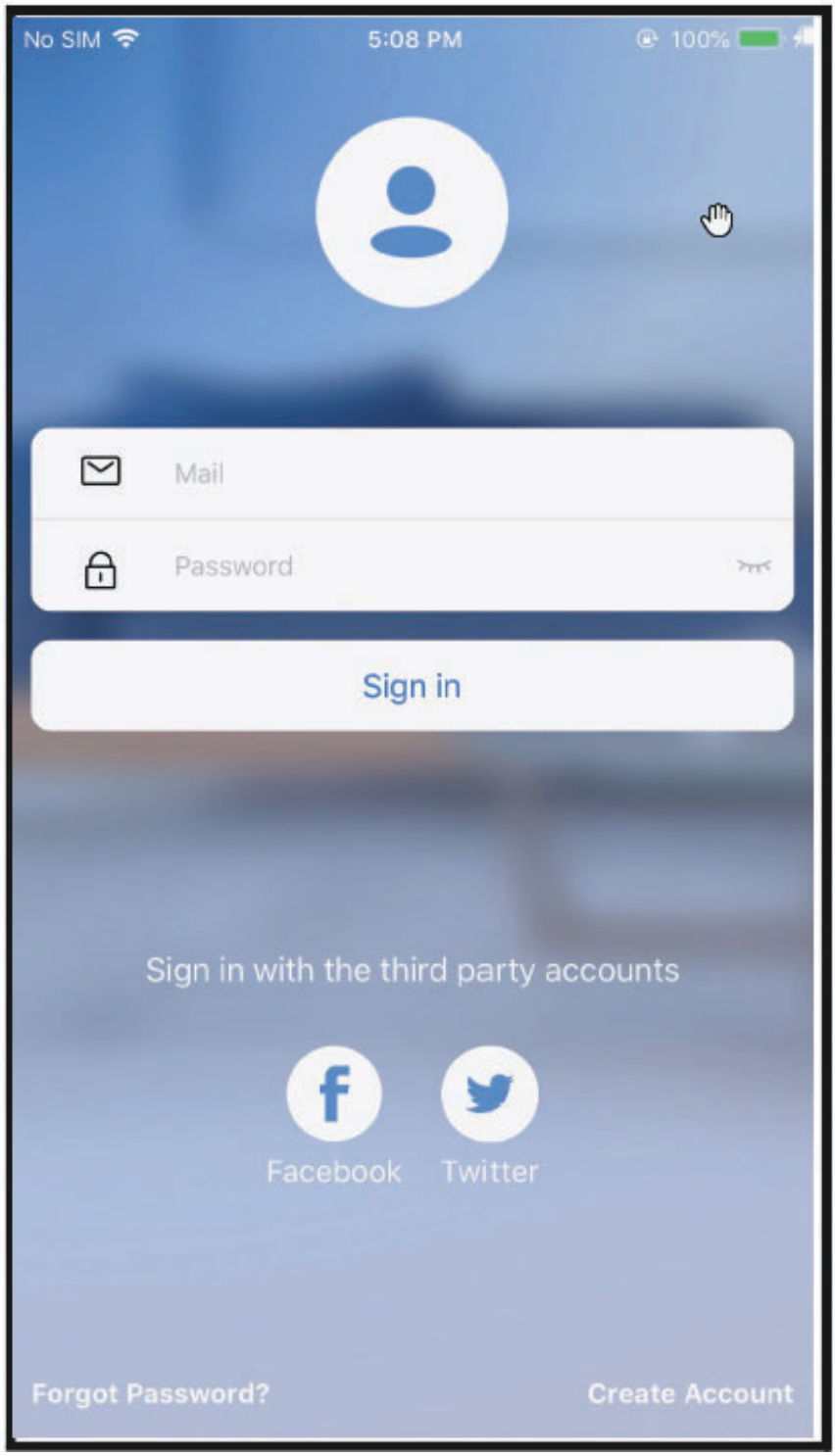

Fig. 24 —Click "Sign In"

2. Choose the air conditioner.

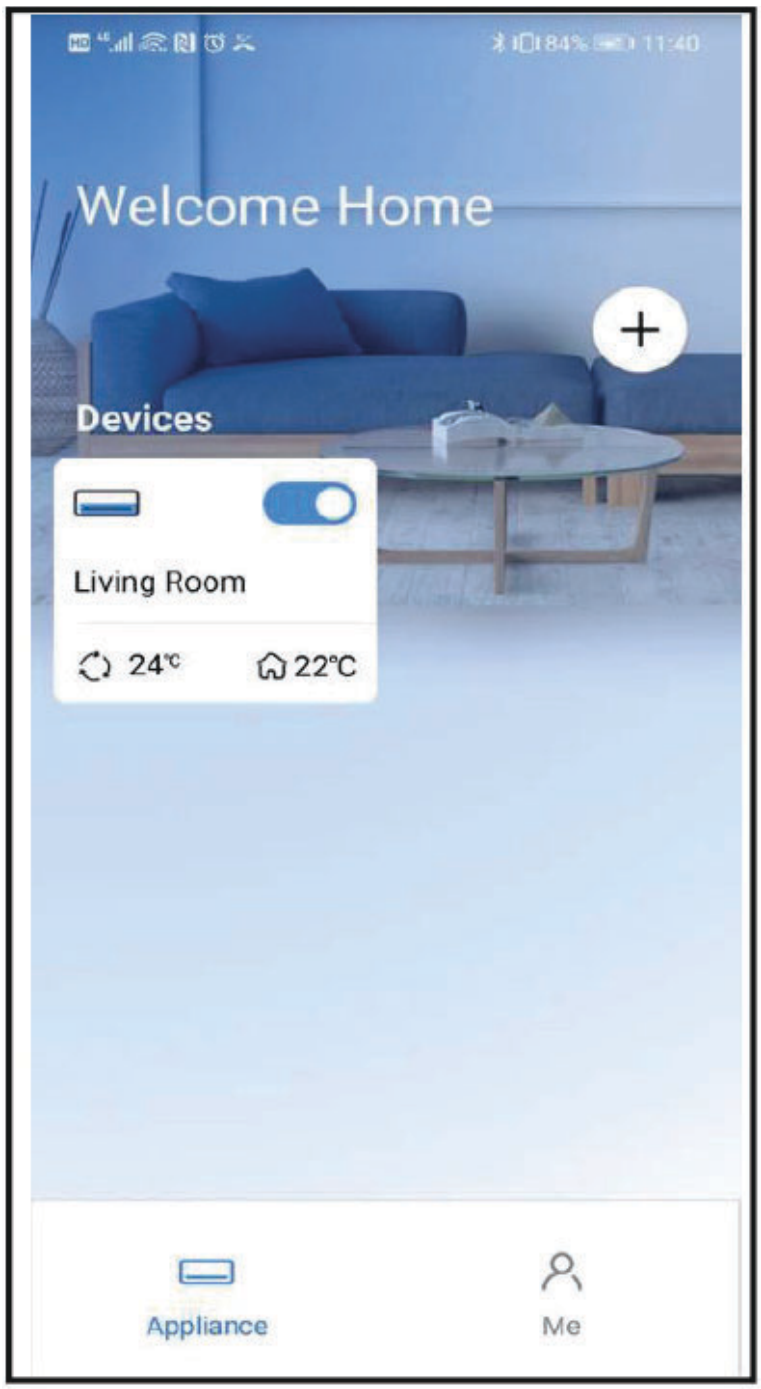

Fig. 25 —Choose Air Conditioner

3. The user now has control of the air conditioners on/off status, operation mode, temperature, fan speed, etc.

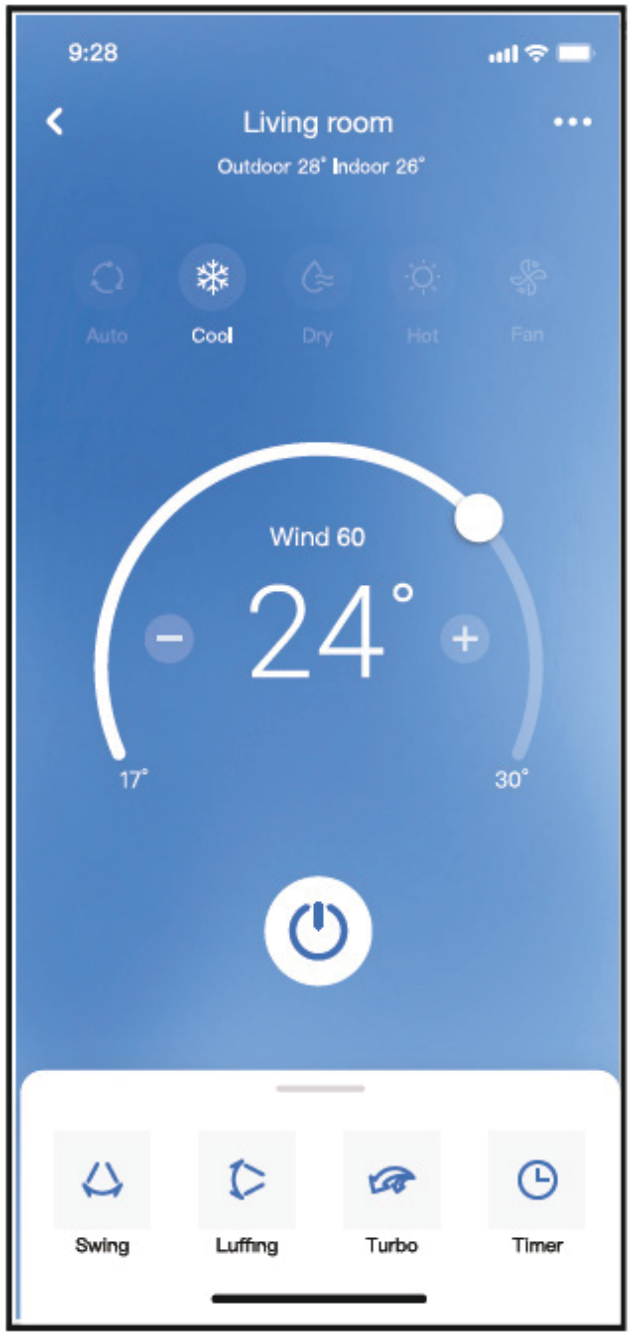

Fig. 26 —User Control

NOTE: Wind Speed is the same as Fan speed.

NOTE: Not all the functions of the APP are available on the unit. For example: ECO, Turbo, and Swing function. Check the user manual for more information.

SPECIAL FUNCTIONS

SCHEDULE FUNCTION

Weekly, user can make an appointment to turn on or off AC on specific time. User also can choose circulation to keep the AC under schedule control every week.

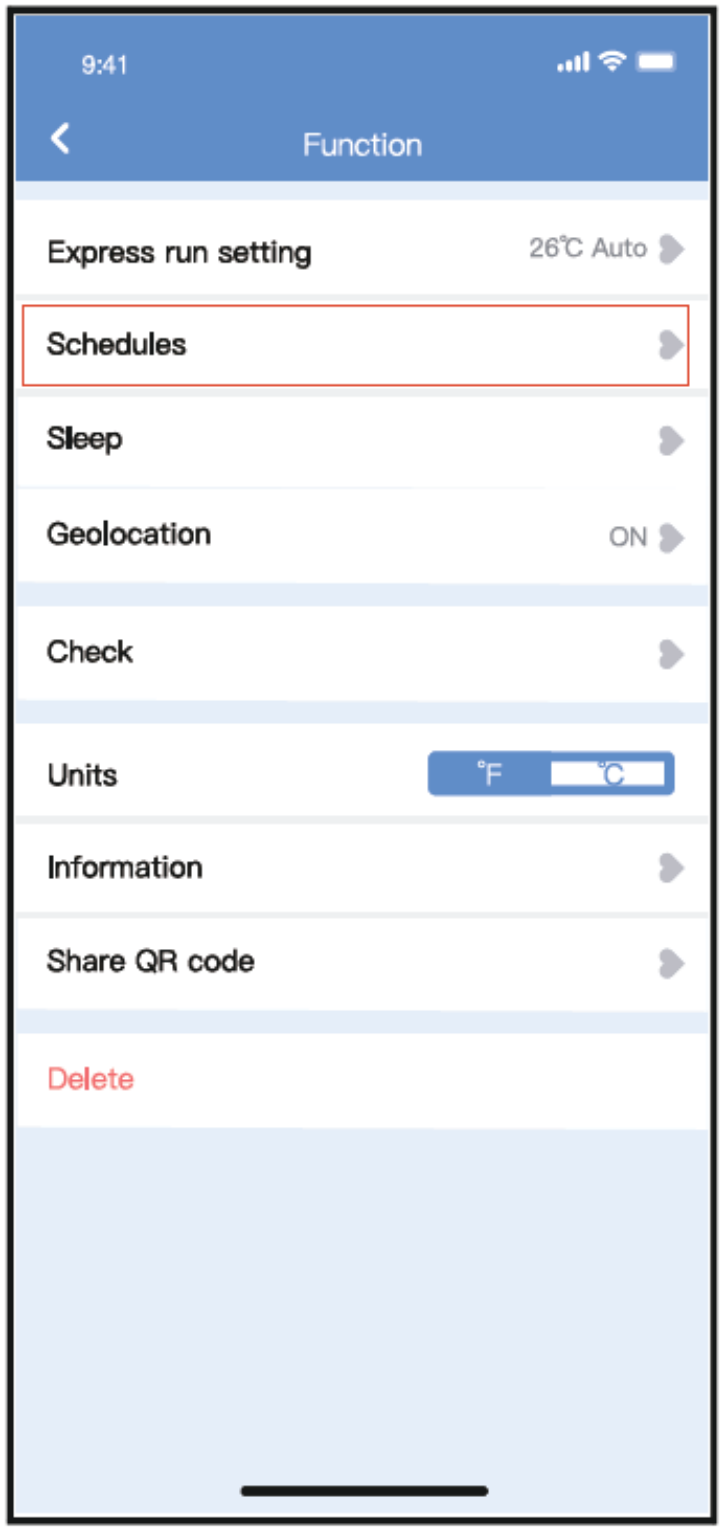

Fig. 27 —Schedules

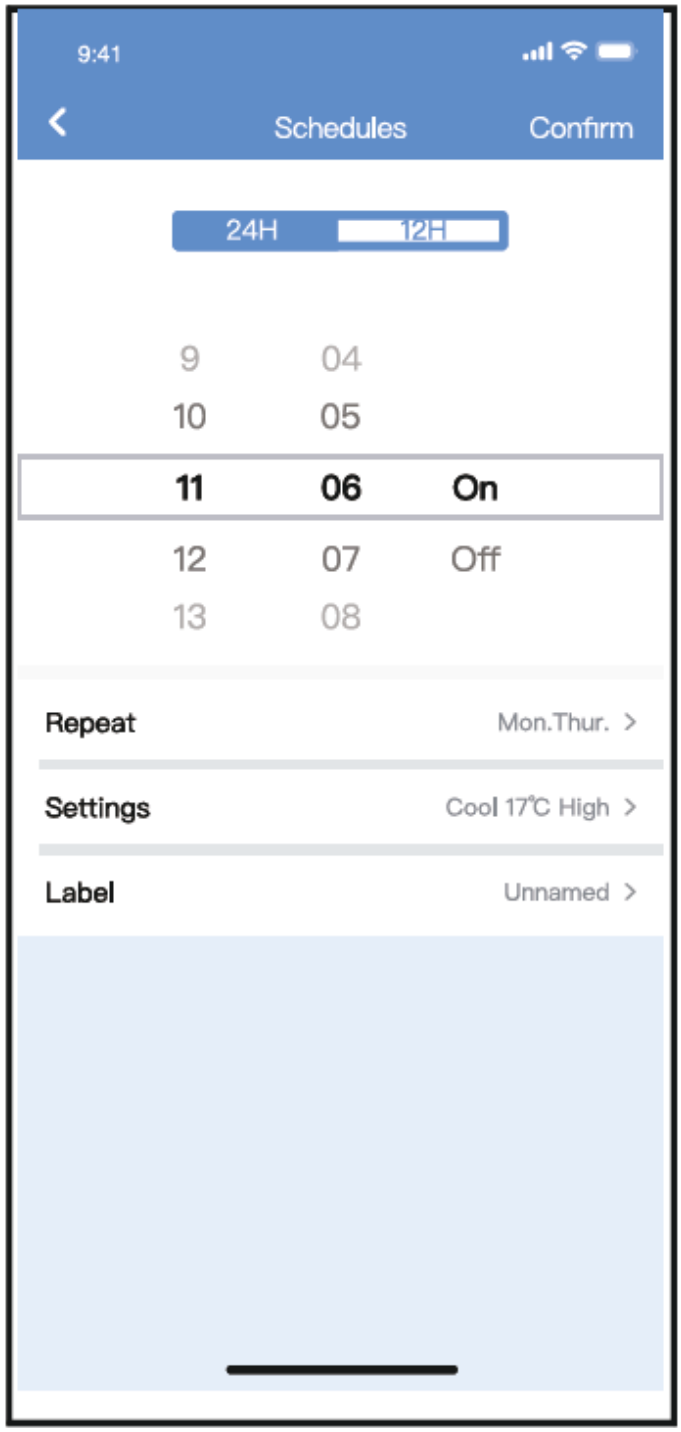

Fig. 28 —Schedule Function

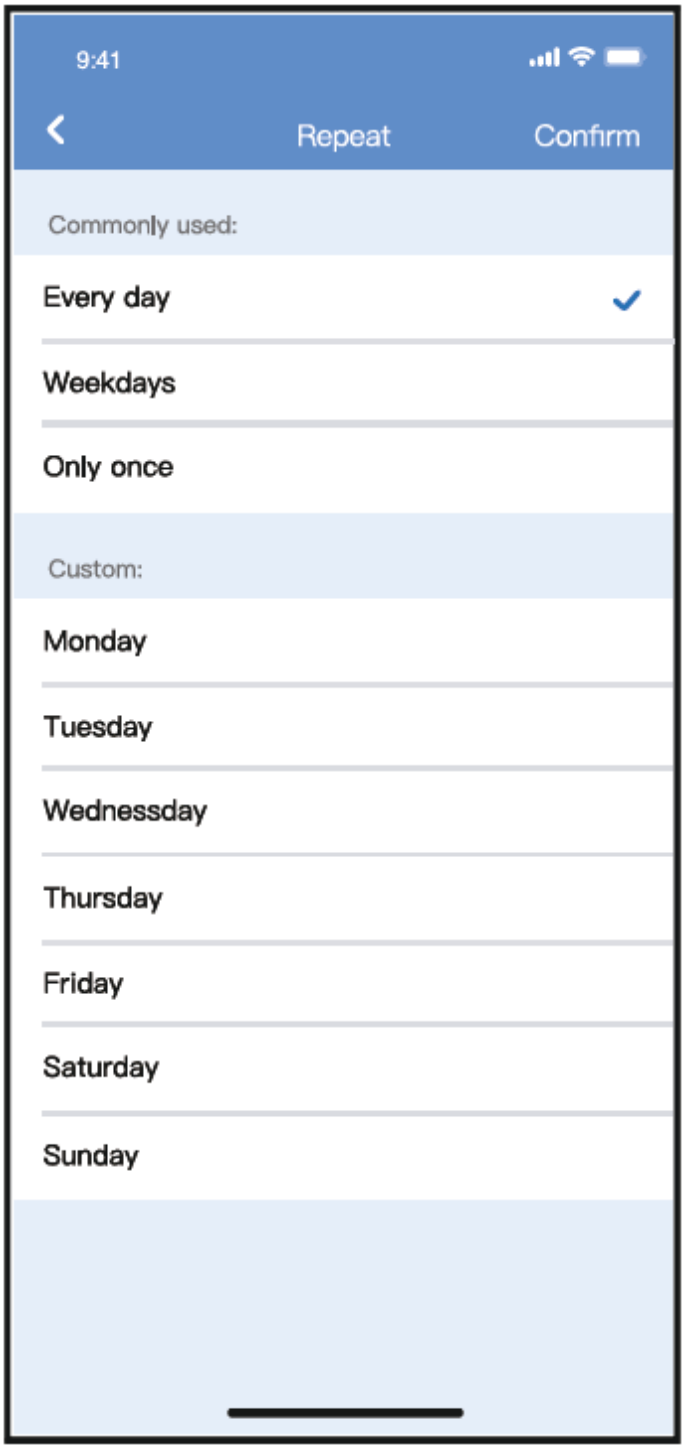

Fig. 29 —Schedule Function

SLEEP FUNCTION

User can customize their own comfortable sleep by setting target temperature.

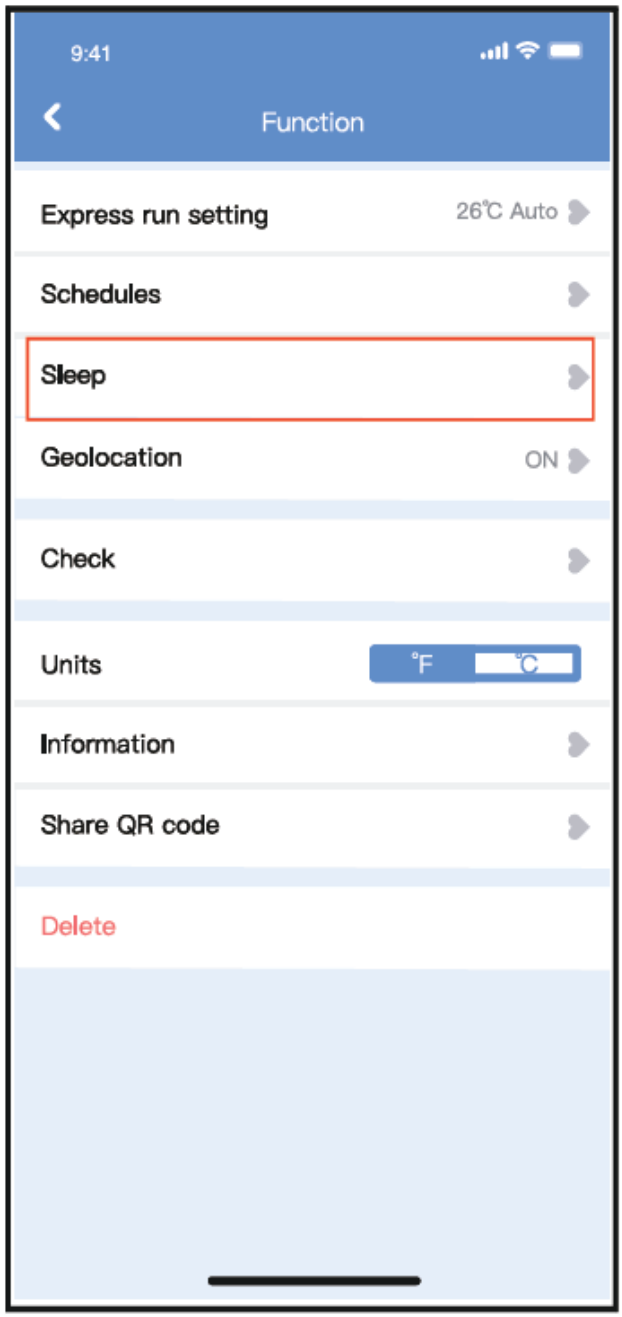

Fig. 30 —Sleep Function

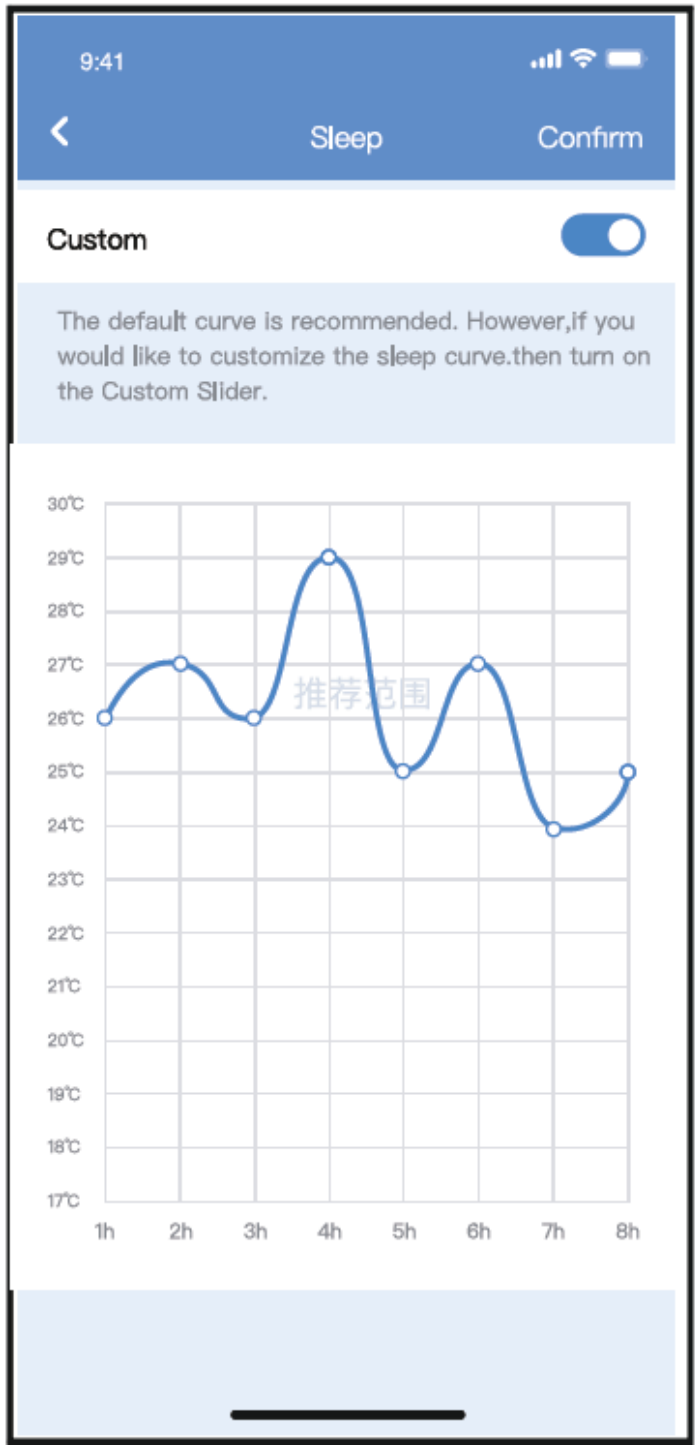

Fig. 31 —Sleep Function

CHECK FUNCTION

The user can check the AC running status with this function. When finishing this procedure, it can display the normal items, abnormal items, and detail information.

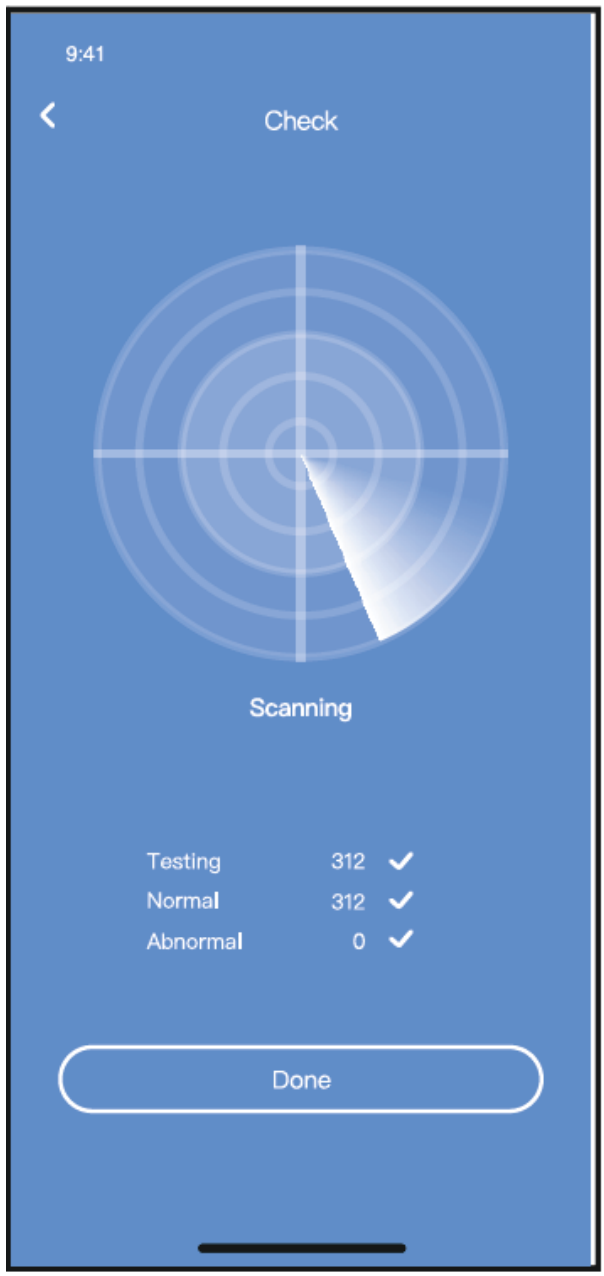

Fig. 32 —Check Function

SHARE DEVICE FUNCTION

The air conditioner can be controlled by multi-users at the same time by Share Device function.

1. Click "Shared QR code"

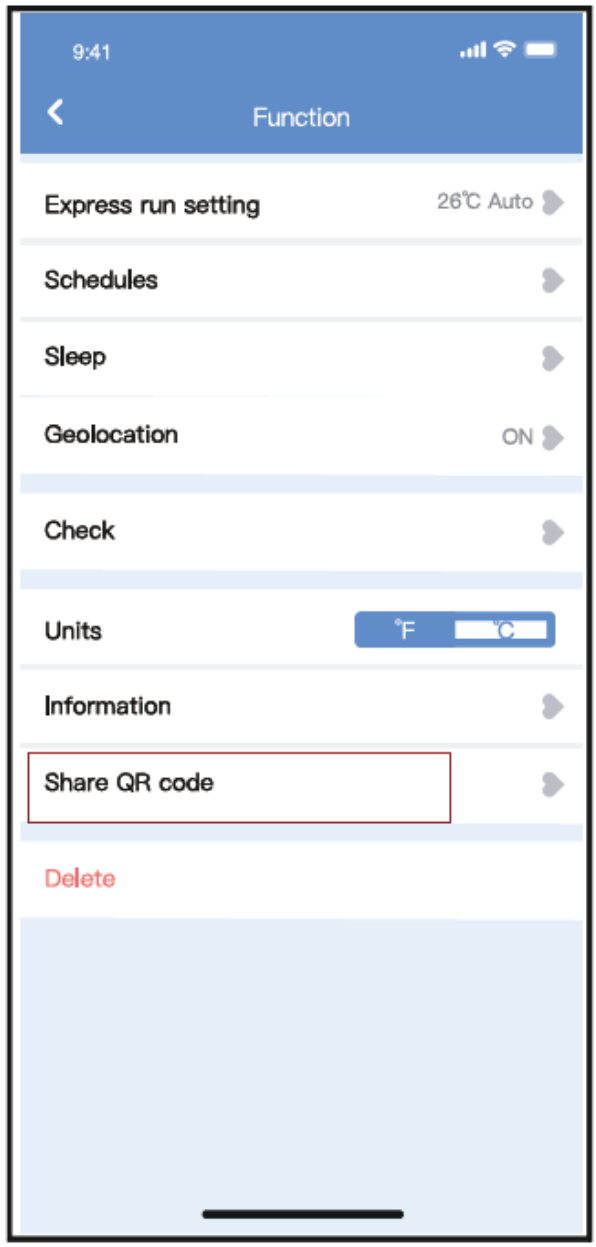

Fig. 33 —Shared QR Code

2. QR Display Code is displayed.

Fig. 34 —QR Code

3. The other users must log in to "Carrier CliMate / Bryant Control Box /Payne Panel" app first. Then click "Add Share" Device on their own mobile. Then ask them to scan the QR code.

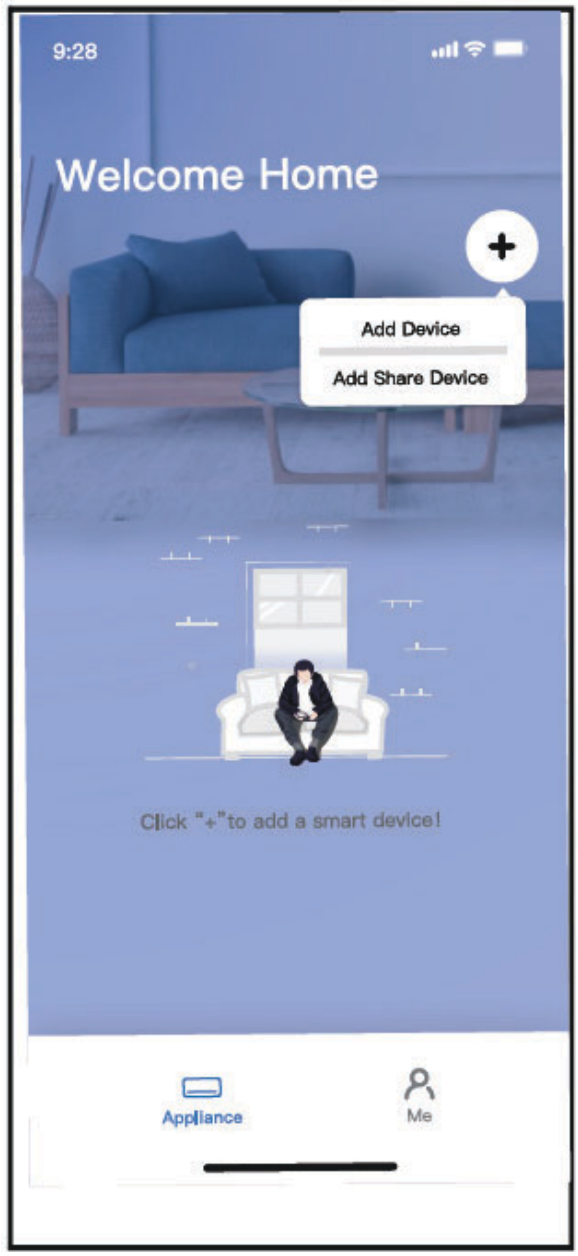

Fig. 35 —Add Shared Device

4. Others can add the shared device.

Fig. 36 —Shared Device Available

WIRELESS MODULE MODELS

US-OSK105

FCC ID:2AS2HMZNA21
IC:24951-MZNA21

US-OSK106

FCC ID:2AS2HMZNA22
IC:24951-MZNA22

US-OSK109

FCC ID: 2AS2HMZNA23
IC: 24951-MZNA23

This device complies with Part 15 of the FCC Rules and it contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference including interference that may ca use undesired operation of the device.

Only operate the device in accordance with the instructions supplied.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -- Reorient or relocate the receiving antenna.

--Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

 Edition Date: 01/25 Catalog No. OM-KSACN1401AAA-01

Replaces: New