



OWNER'S MANUAL

WIRELESS APP



FOR PERFECT AIRE BRAND WINDOW AIR CONDITIONERS,
PORTABLE AIR CONDITIONERS, AND MINI-SPLITS

TABLE OF CONTENTS

PRECAUTIONS	4
DOWNLOAD & INSTALL APP	5
INSTALL WIRELESS MODULE	6
USER REGISTRATION	7
NETWORK CONFIGURATION	10
HOW TO USE THE APP	18
SPECIAL FUNCTIONS	20
DECLARATIONS	26

SPECIFICATION

Model: EU-SK105, US-SK105
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

DECLARATION OF CONFORMITY:

Hereby, we declare that this WIRELESS MODULE is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the full DOC is attached.
(European Union products only)

PRECAUTIONS

APPLICABLE SYSTEM: iOS OR ANDROID

- Please keep your app up to date with the latest version.
- Due to special situation may be occurred, we explicitly claims 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

- Wireless module only support WPA-PSK/WPA2-PSK encryption and none encryption. WPA-PSK/WPA2-PSK encryption is recommended.

CAUTION

- Due to different network situation, 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.
- Smartphone camera needs to be 5 million pixels or above to make sure scan QR code well.
- Due to different network situation, 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 & INSTALL APP

 **CAUTION** The following QR code is only available for downloading app. It is totally different with the QR code packed with WIRELESS MODULE.



ANDROID



iOS

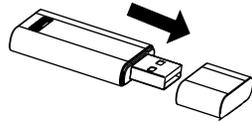
- Android Phone users: scan Android QR code or go to Google Play, search "Perfect Home Comfort" app and download it.
- iOS users: scan iOS QR code or go to App Store, search "Perfect Home Comfort" app and download it.

INSTALL WIRELESS MODULE

⚠ WARNING Before installing the wireless module, always turn off your air conditioner and disconnect its power supply.

NOTE: For mini split models only. Window ACs & Portable ACs have built-in wireless.

❶ Remove the protective cap of the wireless module.



❷ Open the front panel and insert the wireless module into the reserved interface.

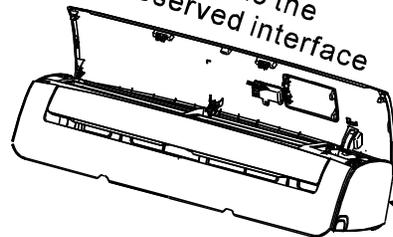
❸ Attach the QR code packed with wireless module to the side panel of the machine or other convenient location, ensure it is convenient to be scanned by the mobile phone.



Some models may require additional installation steps. Scan the QR code to view a full installation video.

Kindly reminder: It is better to reserve the other two QR Code in a safe place or take a picture and save it in your own phone.

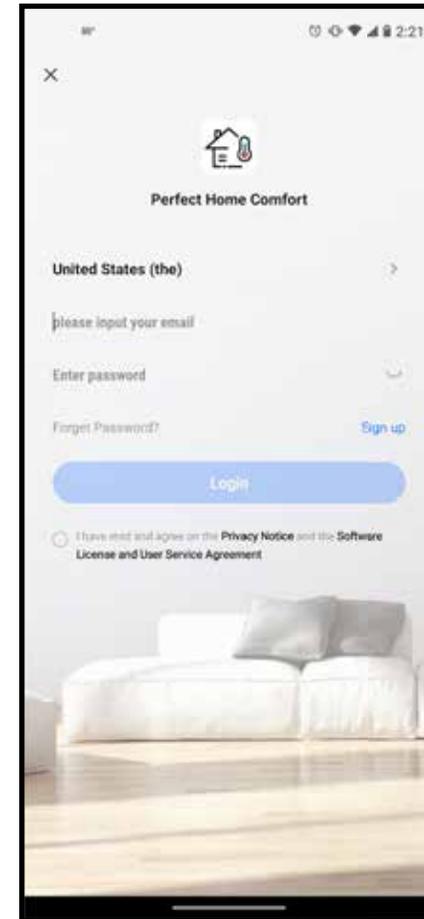
Insert into the reserved interface



⚠ WARNING This interface is only compatible with wireless module provided by the manufacturer.

USER REGISTRATION

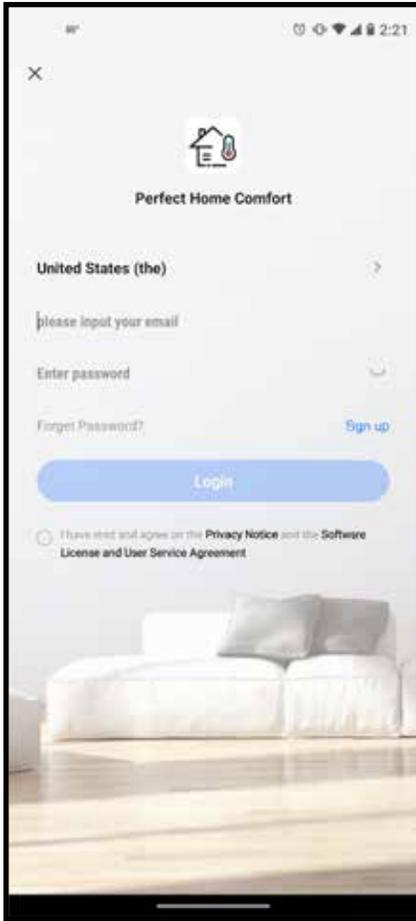
- Please ensure your mobile phone is connect to wireless router. Also, the wireless router has already connected to Internet before doing user registration and network configuration.
- You can log in with your email or mobile account, or log in with a third-party account.
- It needs to be selected according to the country and region where the air conditioner is located in order to obtain better experience and service.



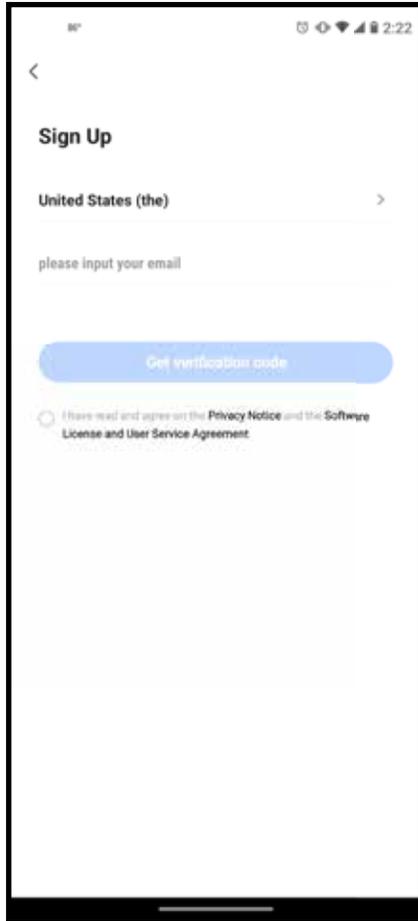
ANDROID & iOS

USER REGISTRATION

(Continued)



1 Click "Log in".



2 Enter your email address or phone number and then click "Get verification code".

USER REGISTRATION

(Continued)



3 Enter the verification code, the verification is successful and automatically enter the next step.



4 Enter a password, format: 8-20 letters and numbers and then click "Complete".

NETWORK CONFIGURATION

⚠ CAUTION

- It is necessary to forget any other around network and make sure the Android or iOS phone must connect to the wireless network you want to configure.
- Make sure the Android or iOS phone wireless function works well and can be connected back to your original wireless network automatically.

Kindly reminder: The user must complete all steps within 8 minutes after the air conditioner enters the distribution mode, otherwise the user needs to re-distribute the network according to the following steps.

USING ANDROID OR IOS DEVICE TO DO NETWORK CONFIGURATION

- Make sure your mobile phone has already been connected to the **2.4G WIRELESS NETWORK** which you want to use. Also, you need to forget other irrelevant wireless network in case it influences your configuration process.
- Power on the device and wait 5 seconds
- **1** Turn on the device after connecting the power supply.
- **2** Press and hold the "Power On" or "SWING" or app control button more than 3 seconds, or press the "LED Display" button on the remote 7 times until the device shows "AP" on the display.
- **The connection steps on your exact model may be slightly different, please refer to your device's user manual for exact instructions.**

NOTE: There are two ways to finish the network configuration:
OPTION 1: Network configuration by Bluetooth scan
OPTION 2: Network configuration by select appliance type

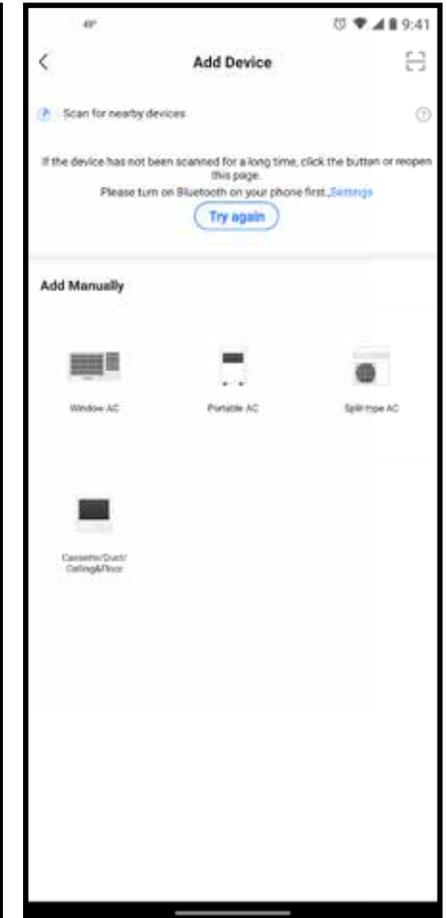
NETWORK CONFIGURATION *(Continued)*

NETWORK CONFIGURATION BY BLUETOOTH SCAN

NOTE: Make sure the Bluetooth of your mobile phone is working.

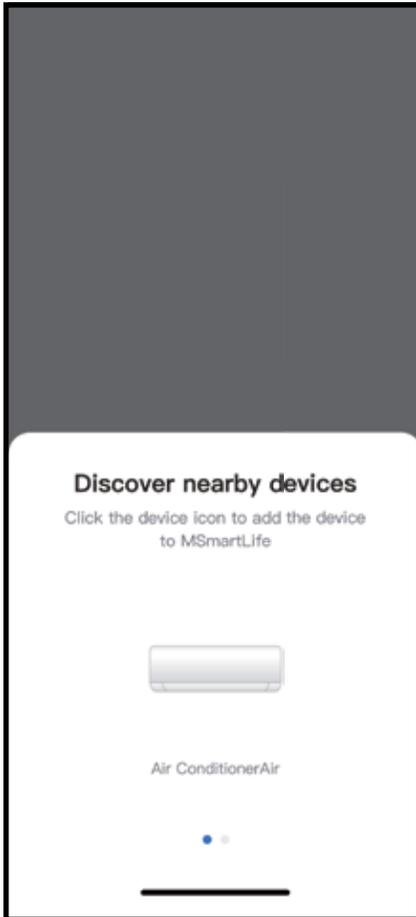


1 Press "+".

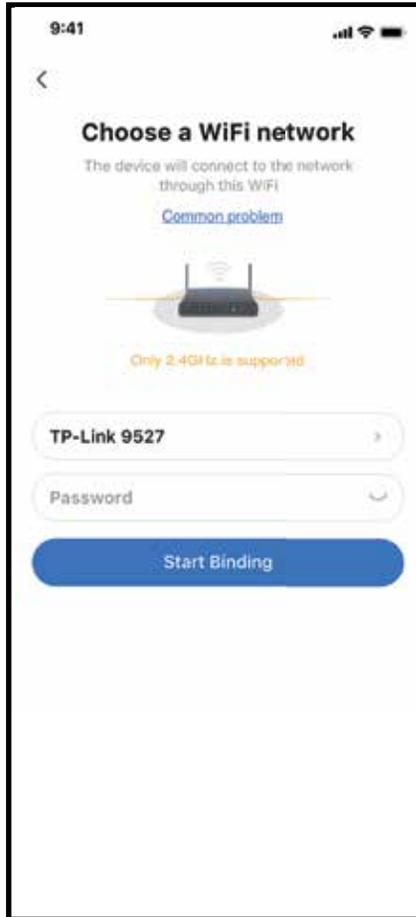


2 Enter the current page to enable automatic scanning.

NETWORK CONFIGURATION *(Continued)*



- 3 Wait for the app to find smart device, then click to add it.



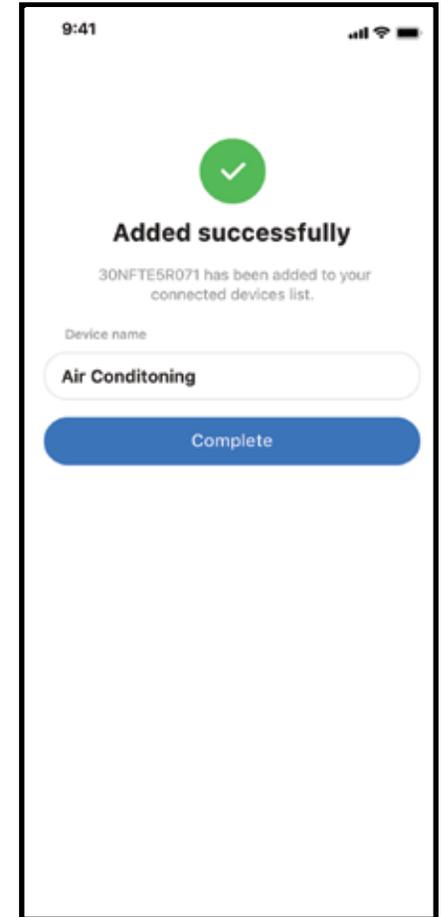
- 4 Select home wireless network, enter the password.

NOTE: Only 2.4GHz network is supported by this app. It will not connect to a 5GHz network.

NETWORK CONFIGURATION *(Continued)*



- 5 Wait for the network to connect.

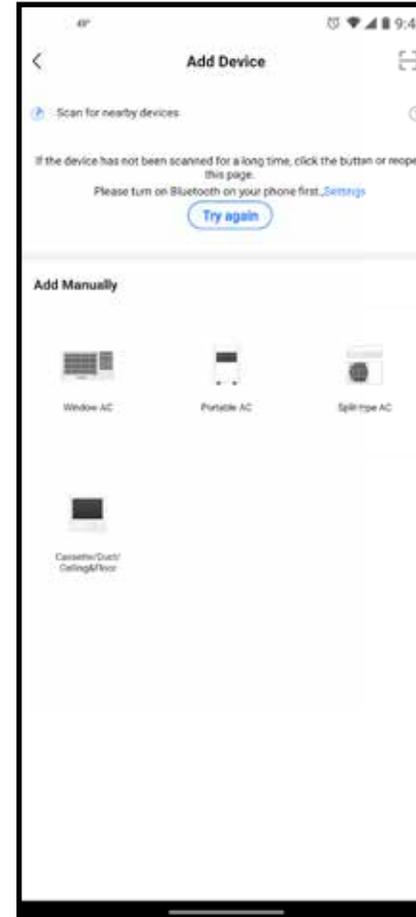


- 6 Configuration successful, now you can modify the default name.

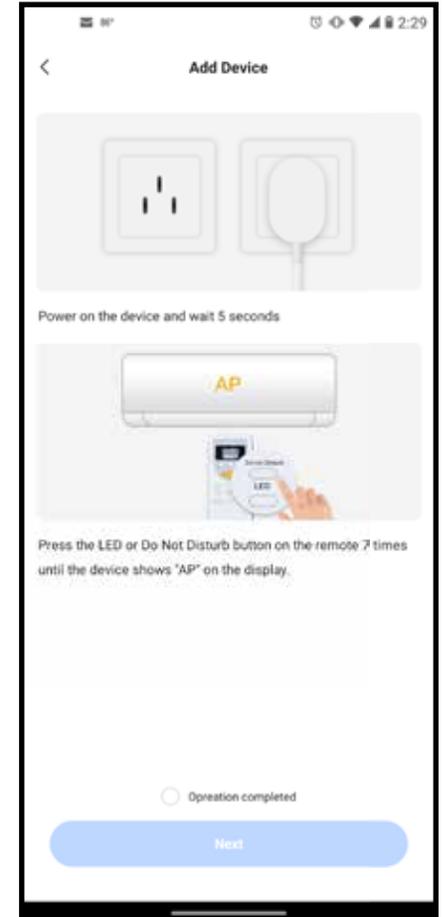


- 7 Bluetooth network configuration is successful, now you can see the device in the list.

NETWORK CONFIGURATION BY SELECT APPLIANCE TYPE

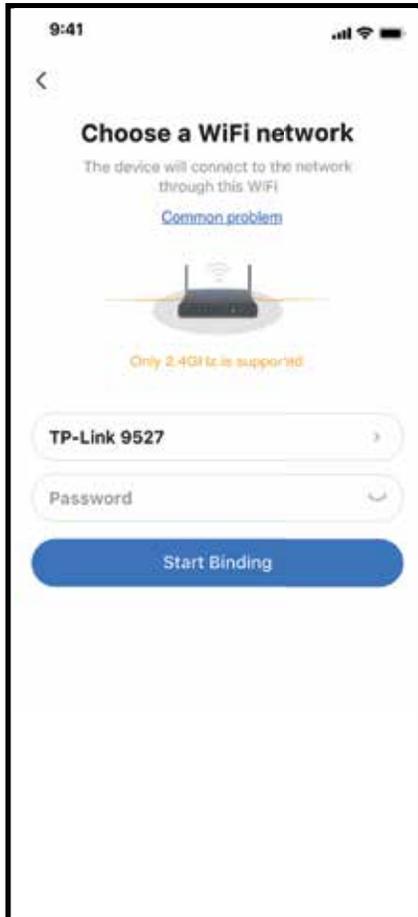


- 1 If the Bluetooth network configuration is failure, please select the appliance type.
- 2 Power on the device and wait 5 seconds.



- 3 a. Turn on the device after connecting the power supply.
b. Press and hold the "Power On" or "SWING" or app control button more than 3 seconds, or press the "LED Display" button on the remote 7 times until the device shows "AP" on the display.

NETWORK CONFIGURATION (Continued)

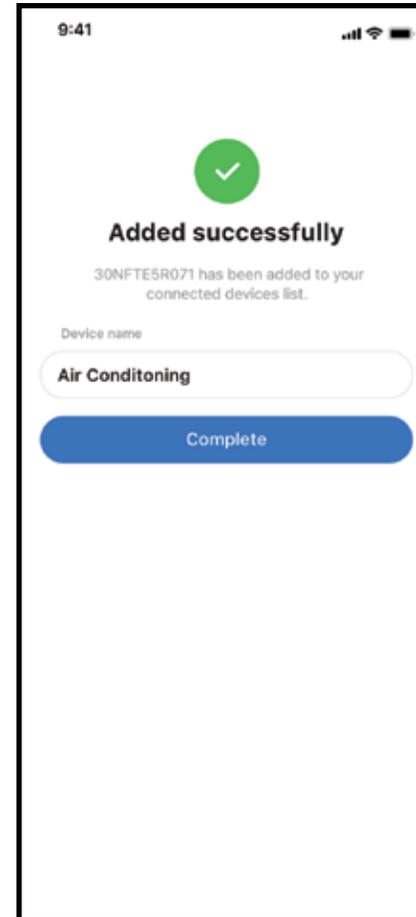


4 Please enter password.



5 Add device.

NETWORK CONFIGURATION (Continued)



6 Network configuration is successful.



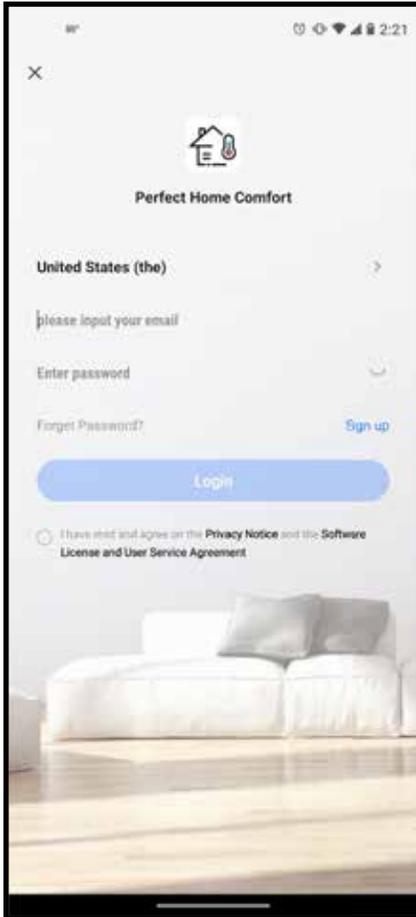
7 Configuration successful, now you can see the device in the list.

NOTE:

- When finishing network configuration, app will display success cue words on the screen.
- **DUE TO DIFFERENT INTERNET ENVIRONMENTS, IT IS POSSIBLE THAT THE DEVICE STATUS STILL DISPLAYS "OFFLINE". If this situation occurs, it is necessary to pull down and refresh the device list on the app and make sure the device status becomes "online". Alternatively, user can turn off the AC power and turn on it again, the device status will become "online" after few minutes.**

HOW TO USE THE APP

Please ensure both your mobile phone and air conditioner are connected to the internet before using app to control the air conditioner via internet, please follow the next steps:



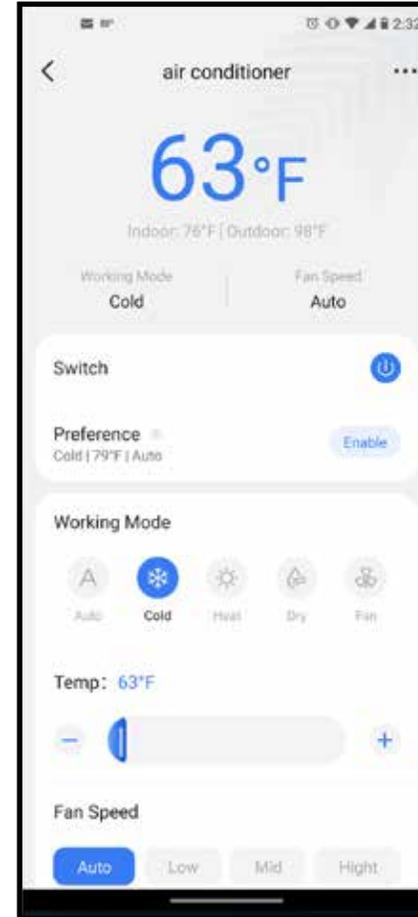
1 Click "Log in".



2 Choose the device.

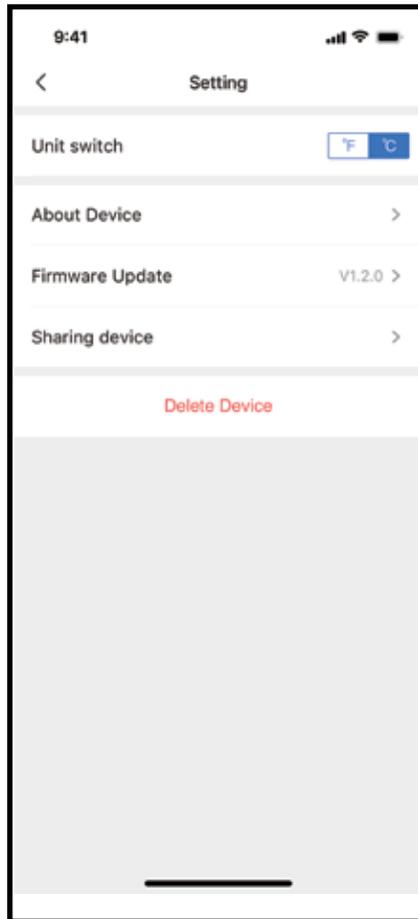
HOW TO USE THE APP

(Continued)



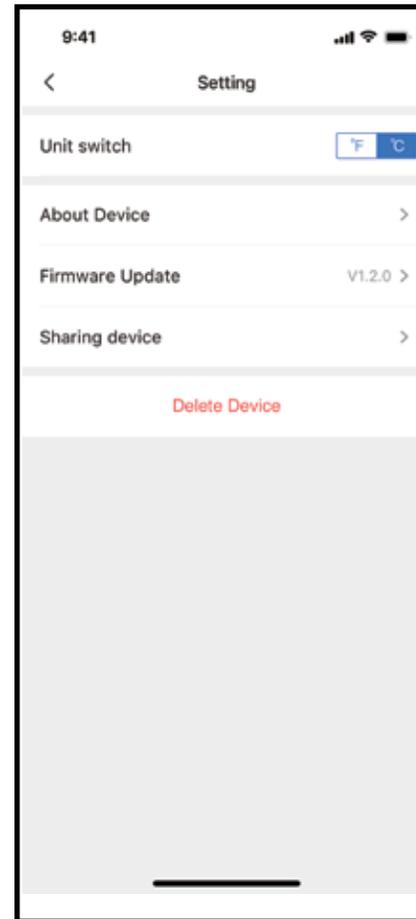
3 User can control air conditioners on/off status, operation mode, temperature, fan speed and so on.

NOTE: Each device functions differently, check the user manual for more information.



SHARE DEVICE

Through the shared device function, multiple users can control the device at the same time.



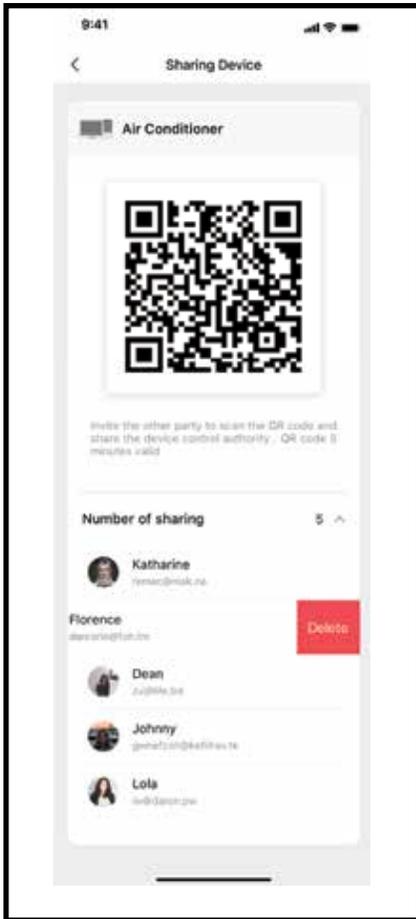
1 Click "Sharing Device".



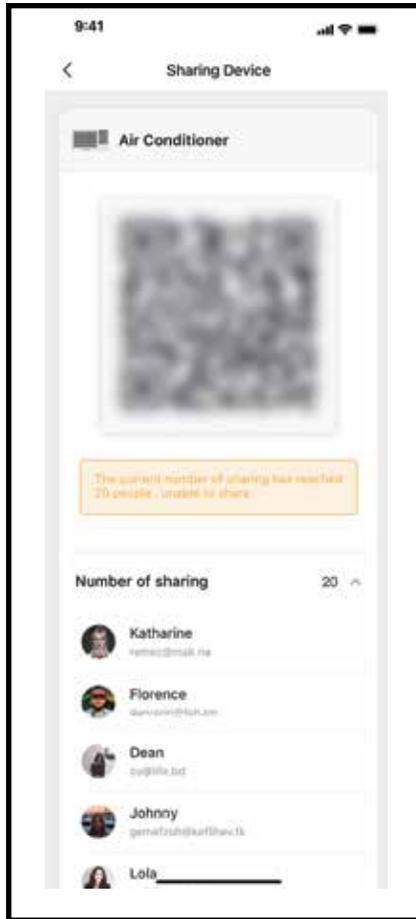
2 Scan the device sharing code.

SPECIAL FUNCTIONS

(Continued)



3 Swipe left on a member to delete.



4 When the number of shared members reaches 20, other users will not be able to scan.

SPECIAL FUNCTIONS

(Continued)



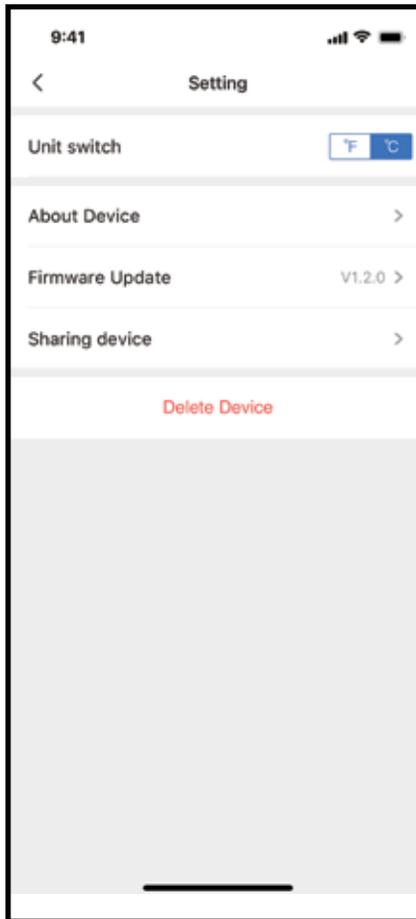
5 Other users must log in to the "Perfect Home Comfort" app first, and click the "+" on the home page to enter the scan entry page.



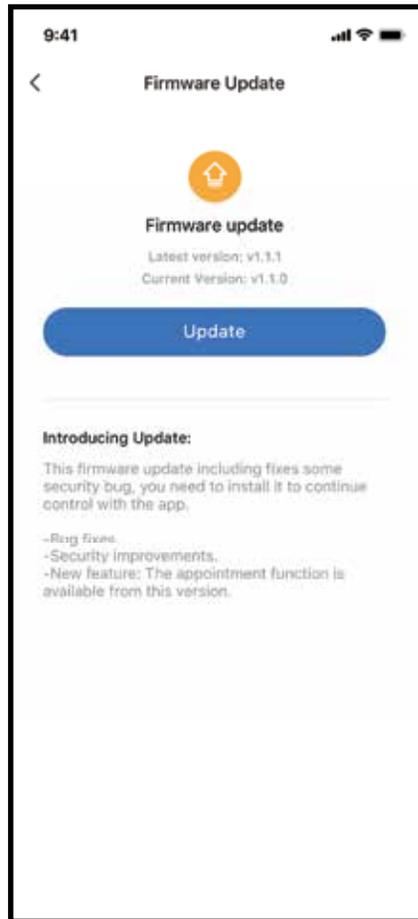
6 Now others can add shared devices by clicking the scan symbol in the upper right corner.

FIRMWARE UPDATE

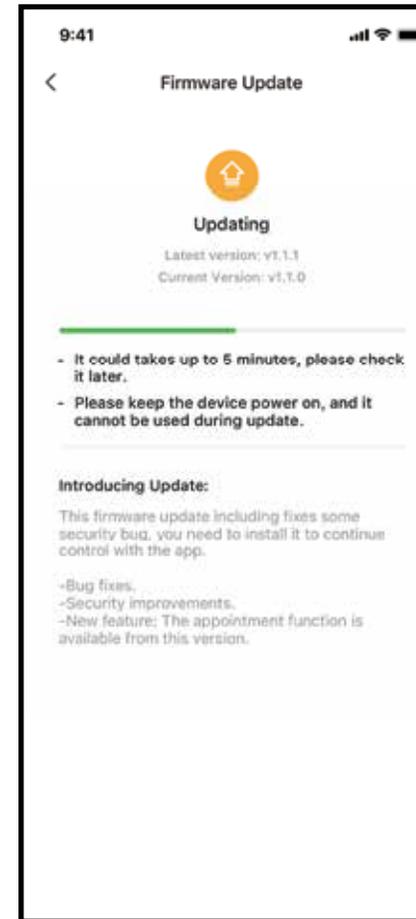
Through this function, users can manually update the device firmware to ensure that the device firmware is running with the latest version.



1 Click "Firmware Update"



2 When there is a firmware upgrade, you can see the firmware upgrade prompt page. Click "Update".



3 Check the upgrade status during the upgrade, and go to the next step after the upgrade is complete.



4 The firmware upgrade is completed, and the user can check the latest firmware version. Or when the firmware does not need to be upgraded, it will also enter the current page to view the latest version number.

DECLARATIONS

DECLARATION OF CONFORMITY

CONTAINS FCC ID: 2ADQOMDNA21
CONTAINS IC: 12575A-MDNA21

This device complies with Part 15 of the FCC Rules and it contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause 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.

DECLARATIONS

(Continued)

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.

Company will not be liable for any issues and problems caused by Internet, Wireless Router and Smart Devices. Please contact the original provider to get further help.

For your records, staple your sales receipt to this manual and record the following:

Date of Purchase: _____

Place of Purchase: _____

NOTE: Proof of purchase is required for all warranty claims.

NOTE: As a result of continual improvements, the design and specifications of the product within may differ slightly to the unit illustrated within this manual.



SCAN CODE TO
LEAVE A REVIEW

THANK YOU FOR YOUR PURCHASE!

As a small business, reviews are everything!

We'd love to hear how you are enjoying your Perfect Aire product!
Please take a minute to tell us (and others) about your experience.

Thanks (again!)



5401 Dansher Road
Countryside, IL 60525

844-4PA-AIRE | 844-472-2473 | support@perfectaire.us
CANADA SUPPORT 877-997-2473 | supportcanada@perfectaire.us
www.perfectaire.us