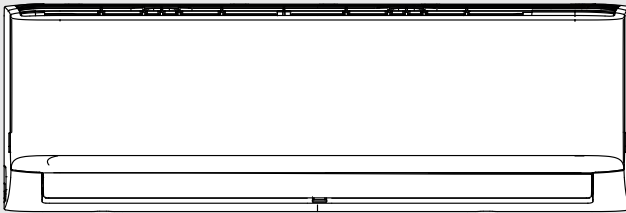


## MODELS

System	Indoor	Outdoor
HSNRTX25	HINRTX25	HONRTX25
HSNRTX35	HINRTX35	HONRTX35
HSNRTX50	HINRTX50	HONRTX50
HSNRTX60	HINRTX60	HONRTX60
HSNRTX70	HINRTX70	HONRTX70
HSNRTX80	HINRTX80	HONRTX80
HSNRTX90	HINRTX90	HONRTX90



# TX Series Split Type Wall Mounted Air Conditioner Wireless Smart Kit Operation Manual

# Rinnai

**IMPORTANT NOTE:**

**Read the manual carefully before installing or connecting your Smart kit (Wireless module). Make sure to save this manual for future reference.**

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# **1** SPECIFICATION

This device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU, in order to avoid the possibility of exceeding the radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. (European Union products only)

Wireless Module Model: EU-SK105, US-SK105,  
EU-SK106, US-SK106, EU-SK107, US-SK107,  
EU-SK108, US-SK108, EU-SK109, US-SK109,  
EU-SK110, US-SK110

Antenna Type: Printed PCB Antenna

Wireless: 2400 - 2483.5MHz, TX Power: < 20dBm

Operation Temperature: 0°C~45°C

Operation Humidity: 10% ~ 85%

Power Input: DC 5V / 500mA

BLE: 2402 - 2480MHz, TX Power: < 10dBm

# **2** PRECAUTIONS

- **Applicable system: iOS, Android**
  - Please keep your APP up to date with the latest version.
  - Not all of the Android and iOS system are compatible with APP.
  - We will not be responsible for any issue as a result of incompatibility.
- **Wireless safety strategy**
  - Smart kit only supports WPA-PSK/WPA2-PSK/WPA3-SAE
  - encryption. WPA-PSK/WPA2-PSK/WPA3-SAE encryption is recommended.



- **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.**
- **Smart Phone camera needs to be 5 million pixels or above to make sure the QR code scans well.**
- **Due to different network situation, request time-out may occur. Thus, it may be necessary to perform 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.**
- **Please check the Service Website for more information.**

### **3** DOWNLOAD AND INSTALL APP



The following QR Code is only for downloading the APP. It is different to the QR code supplied with SMART KIT.



**Android**

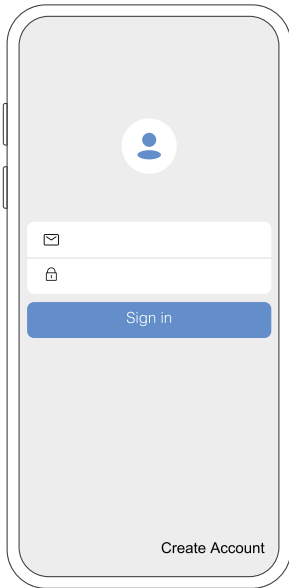


**iOS**

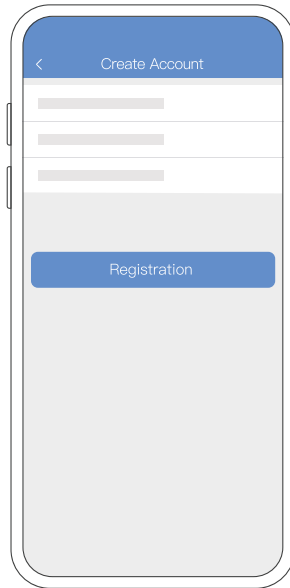
- Android Phone users: scan Android QR code or go to google play, search 'NetHome Plus' app and download it.
- iOS users: scan iOS QR code or go to APP Store, search 'NetHome Plus" app and download it.

## 4 USER REGISTRATION

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



1 - Press "Create Account "



2 - Enter your email address and password, and then click "Registration"

## 5 NETWORK CONFIGURATION



- To connect your Android or iOS device to the desired wireless network, ensure it is disconnected from all other networks and only connected to the wireless network you wish to configure.
- Make sure the Android or iOS device Wireless function works well and can be connected back to your original Wireless network automatically.

You must complete all steps within 8 minutes of powering on the air conditioner, or you will need to power it on again.

### • Using Android or iOS device for network configuration

- Make sure your mobile device has already been connected to the wireless network which you want to use.
- Also, you need to forget other irrelevant wireless network in case it influences your configuration process.
- Disconnect the Airconditioner power supply.
- Re-connect the power supply, and continuously press the “LED DISPLAY” or “DO NOT DISTURB” button seven times in 10 seconds.
- When the display reads “AP”, it means the wireless has entered “AP” mode.



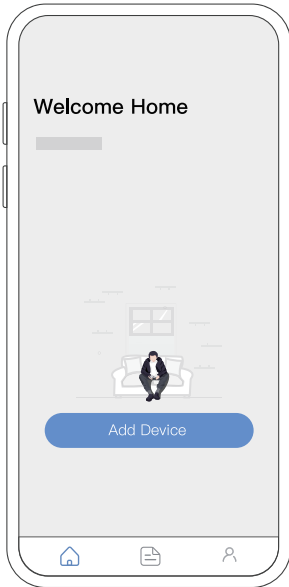
**There are two ways to complete the network configuration:**

- **Network configuration by Bluetooth scan.**
- **Network configuration by selecting appliance type.**

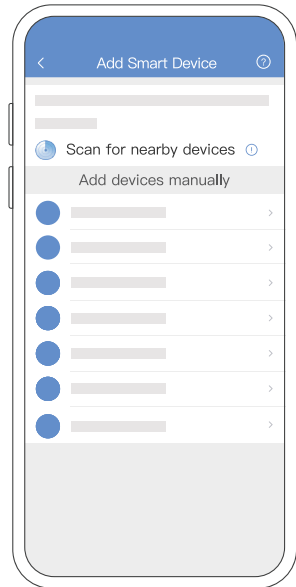
## Network configuration by Bluetooth scan



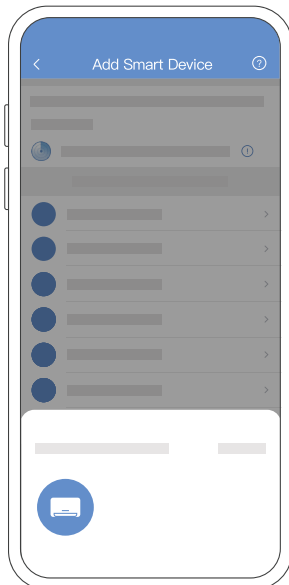
**Make sure the bluetooth of your mobile device is working.**



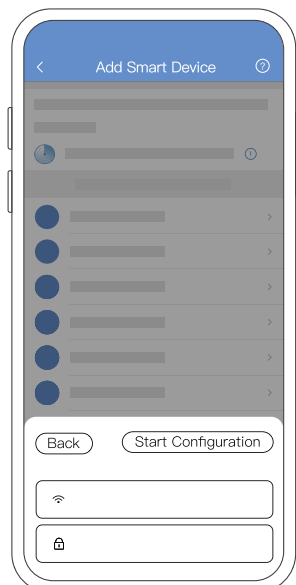
1 Press “ + Add Device ”



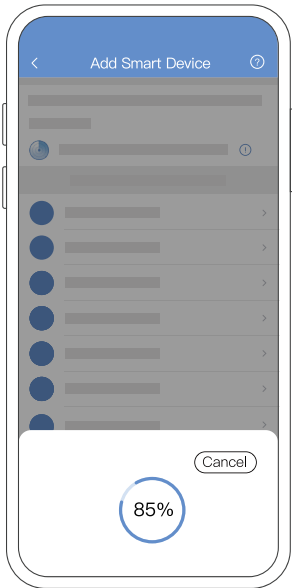
2 Press “ Scan for nearby devices ”



3 Wait for devices to be found, then press to add the appropriate one



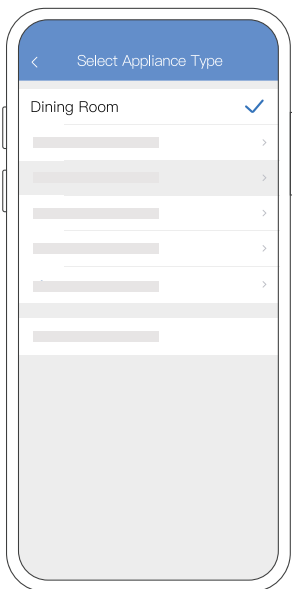
4 Select home Wireless Network, enter the password.



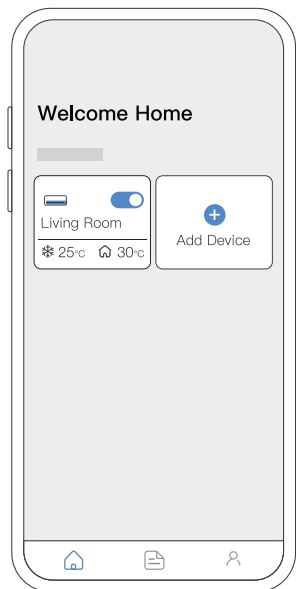
5 Wait for connection to the network.



6 Configuration success.

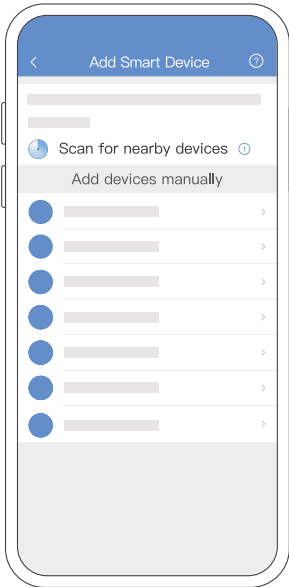


7 The device name can be customised if desired.

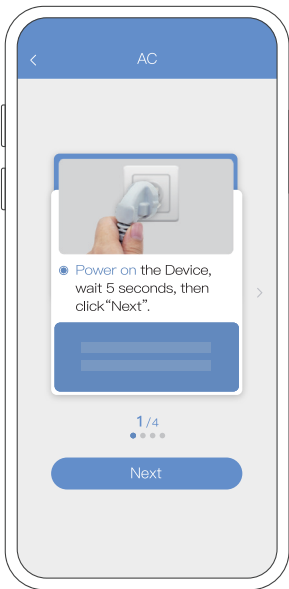


8 The device should be visible on the list. If it is not, follow the next step.

## Network configuration by smart device :



1 If the bluetooth network cofiguration fails, please add smart device.



2 Please follow the above steps to enter "AP" mode.



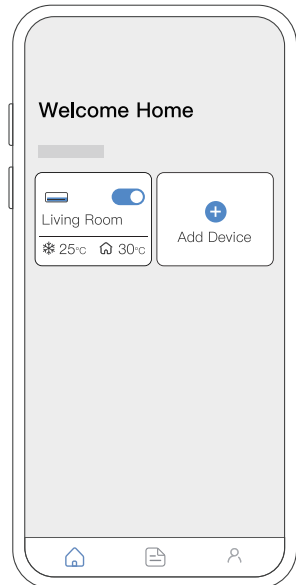
3 Connect to wireless network.



4 Enter password.



5 Network configuration is successful. The device is visible on the list.

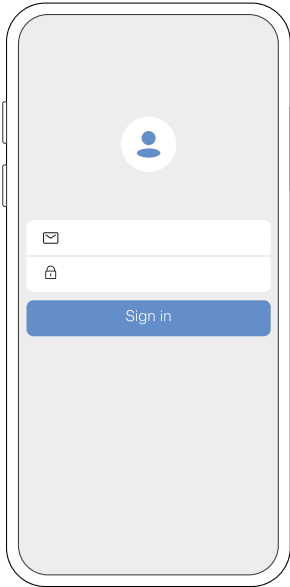


- When configuration finishes, App will display a success message.
- Due to varying internet conditions, the device may still appear "offline." In this case, refresh the device list to ensure the status updates to "online." Alternatively, power the air conditioner off and on; the device should show as "online" after a few minutes.

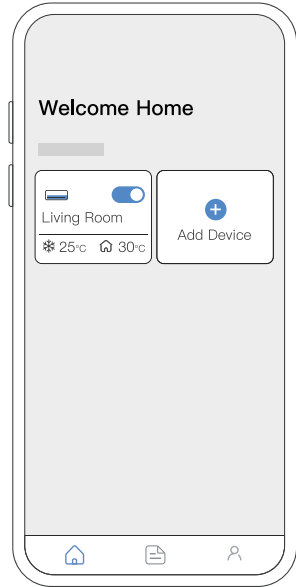
## 6 HOW TO USE APP

Please ensure both your mobile device 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 " Sign in "



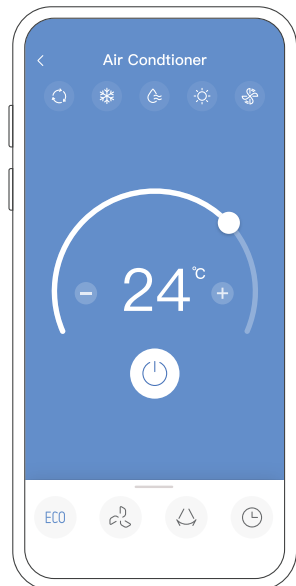
2 Select the air conditioner.

3 The user can now control on/off status, operating mode, temperature, fan speed and so on directly from the app.



**Not all off the functions of the App are available on air conditioner. For example: ECO, Turbo, Swing function.**

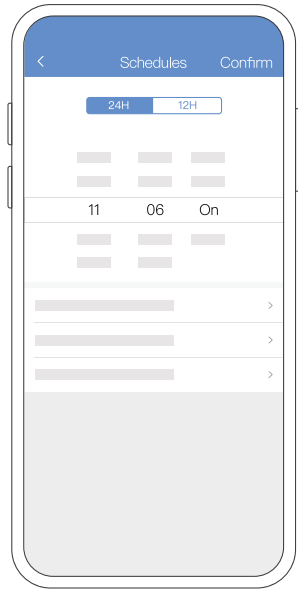
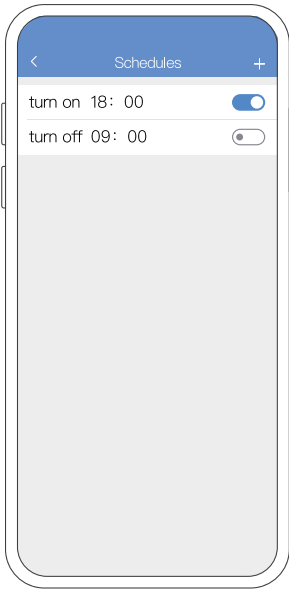
**Please check the user manual to find more information.**



# 7 SPECIAL FUNCTIONS

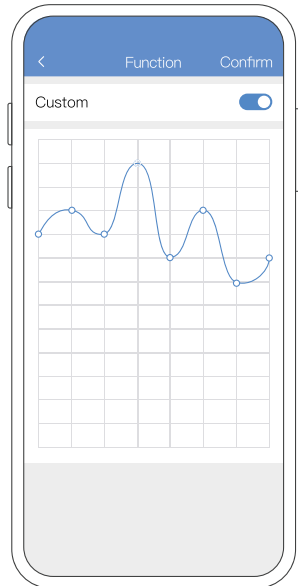
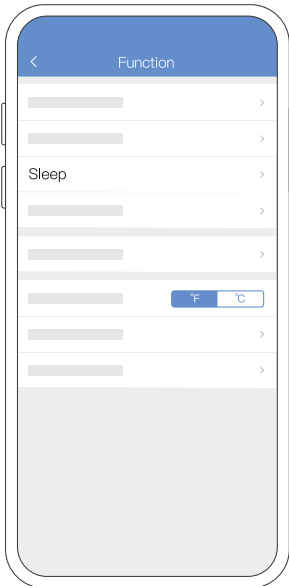
## Schedule

Users can schedule the air conditioner to turn on or off at a specific time each week. A recurring schedule can be set up to enable weekly control.



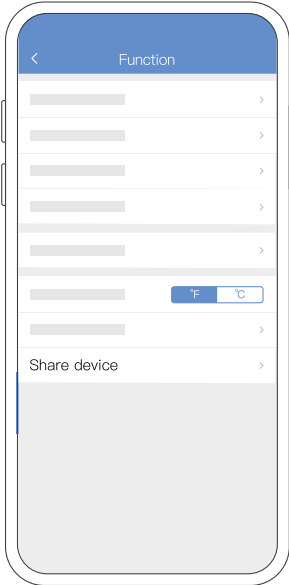
## Sleep

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



## Share Device

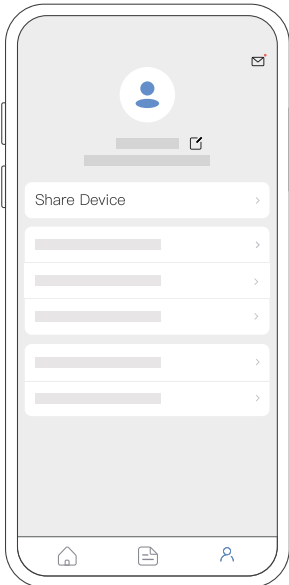
Multiple users can control the air conditioner with the Share Device function



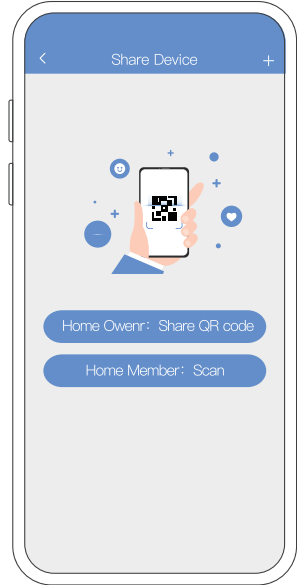
1 Press "Shared QR Code"



2 QR code display.



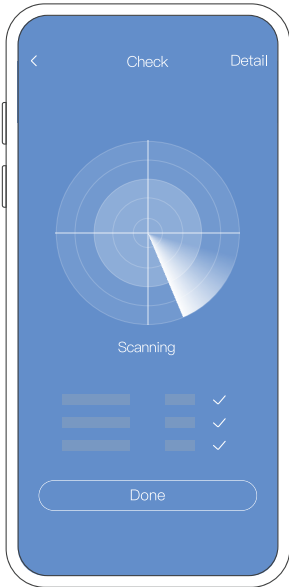
3 Other users must log in Nethome Plus app, press "Add Share Device" on their device then scan the QR code.



4 Other users can now add the shared device.

## Check

User can check the air conditioner running status with this function. It can display the operating status, abnormal items, and detail information.



## 8 VOICE FUNCTIONS

NetHome Plus allows the Air Conditioner to be controlled remotely from a smart phone or connected device. The App supports Google Home and Amazon Alexa.

### Typical operating phrases:

#### Power:

“Ok Google, turn on Device”

“Ok Google, turn off Device”

#### Temperature:

“Ok Google, set Device to 20 degrees”

#### Mode

“Ok Google, set the Device to AUTO mode”

”Ok Google, set the Device to HEAT mode”

“Ok Google, set the Device to COOL mode”

#### Fan Speed

“Ok Google, set Device to speed auto”

“Ok Google, set Device to high”

“Ok Google, set Device to medium”

“Ok Google, set Device to low”

#### Power

“Alexa, turn on Device”

“Alexa, turn off Device”

#### Temperature

“Alexa, set Device to 20 degrees”

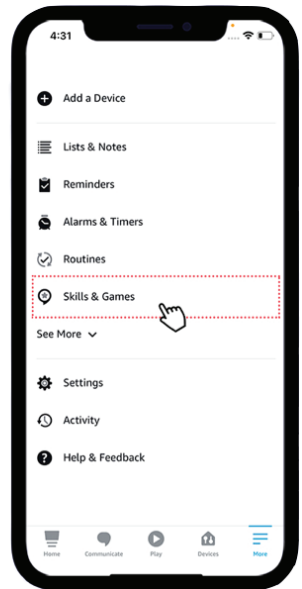
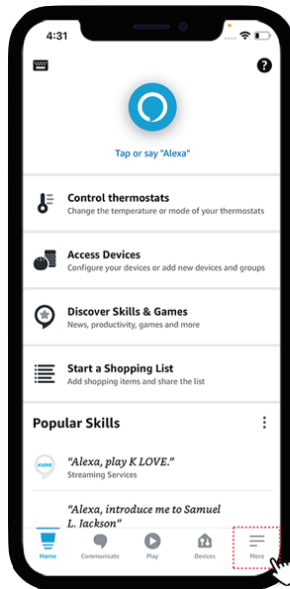
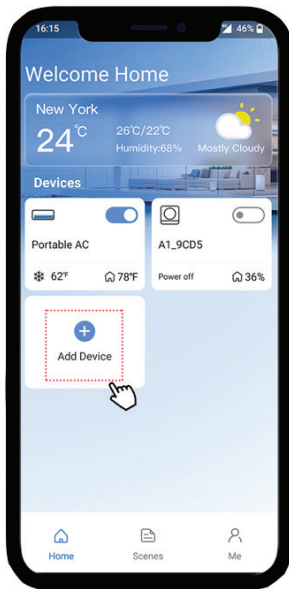
#### Mode

“Alexa, set the Device to AUTO mode”

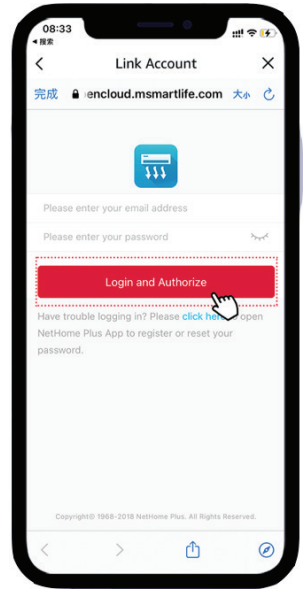
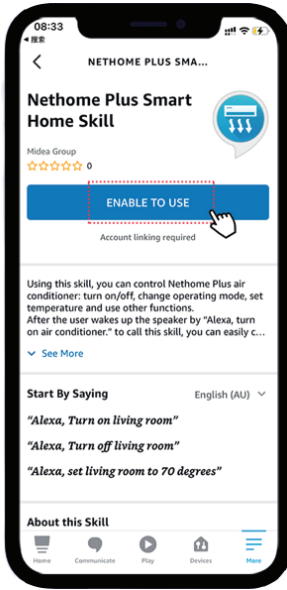
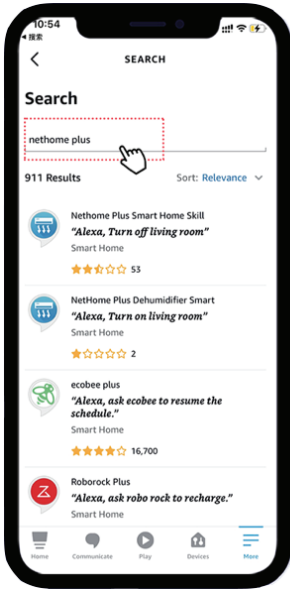
“Alexa, set the Device to HEAT mode”

“Alexa, set the Device to COOL mode”

### Instructions for connecting to Amazon Alexa devices

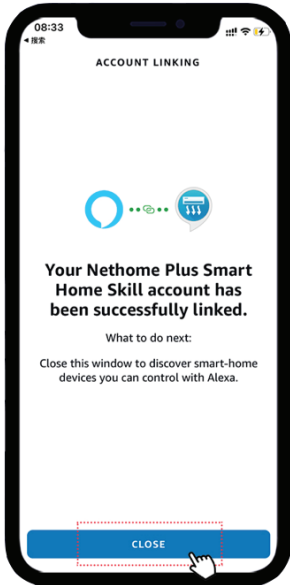


1. Download the latest version of the NetHome Plus app and add the smart device.
2. Download and open the Amazon Alexa app, select “Skills & Games” and enter to search “NetHome Plus”.



3. Choose “NetHome Plus” to enter the details page. Tap “Enable to Use” to jump to the authorisation page of the NetHome Plus app.

4. Log in to your NetHome Plus account

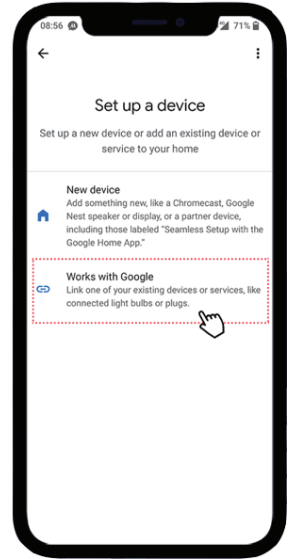
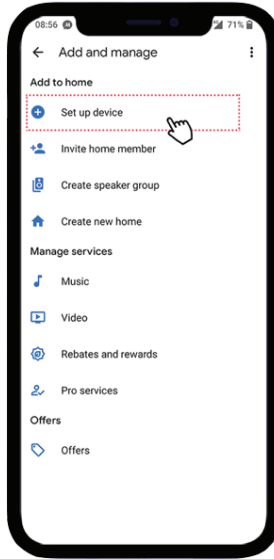


5. The Alexa app will open with a confirmation. Tap “Close”.

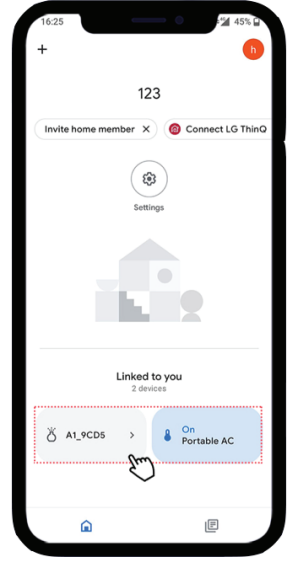
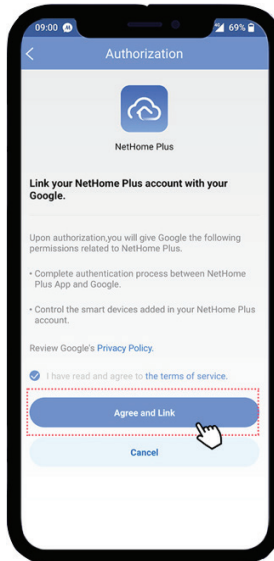
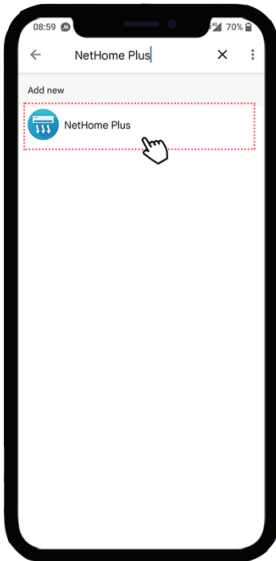
6. Tap “Discover devices” to automatically search for the device.

The air conditioner can now be controlled with Alexa voice commands.

## Instructions for connecting to Google Home devices



1. Download the NetHome Plus app and add the smart device.
2. Download and open the Google Home app, select “Set up device”, “Works with Google” and enter to search “NetHome Plus”.



3. Choose “NetHome Plus” and jump to the authorisation page.
4. Log in to NetHome Plus account. Tap “Agree and Link”.
5. After redirection to Google Home app, device will be show.

The air conditioner can now be controlled with Google Home voice commands.

## **9 REGULATORY INFORMATION**

**Wireless module models: US-SK105, EU-SK105, US-SK107, EU-SK107:**  
FCC ID: 2ADQOMDNA21. IC: 12575A-MDNA21

**Wireless module models: US-SK106, EU-SK106, EU-SK108, US-SK108:**  
FCC ID: 2ADQOMDNA22. IC: 12575A-MDNA22

**Wireless module models: US-SK109, EU-SK109, US-SK110, EU-SK110:**  
FCC ID: 2ADQOMDNA23. IC: 12575A-MDNA23

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 device operation.

Only operate the device in accordance with these instructions.

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 during normal operation.



**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 qualified 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.**

# Rinnai Australia Pty Ltd

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82-88 Mills Road, Braeside, Victoria, 3195  
P.O. Box 460, Braeside, Victoria 3195  
Tel: (03) 9271 6625

## Customer Support

Tel: 1300 555 545\*

**Monday to Friday, 8.00 am to 5.00 pm EST.**

*\*Cost of a local call may be higher from a mobile phone.  
(National calls from public phones in Australia are free.)*

For further information visit [www.rinnai.com.au](http://www.rinnai.com.au)  
or email [enquiry@rinnai.com.au](mailto:enquiry@rinnai.com.au)

Rinnai has a Service and Spare Parts network with personnel who are fully trained and equipped to give the best service on your Rinnai appliance. If your appliance requires service, please call our National Help Line.

With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.