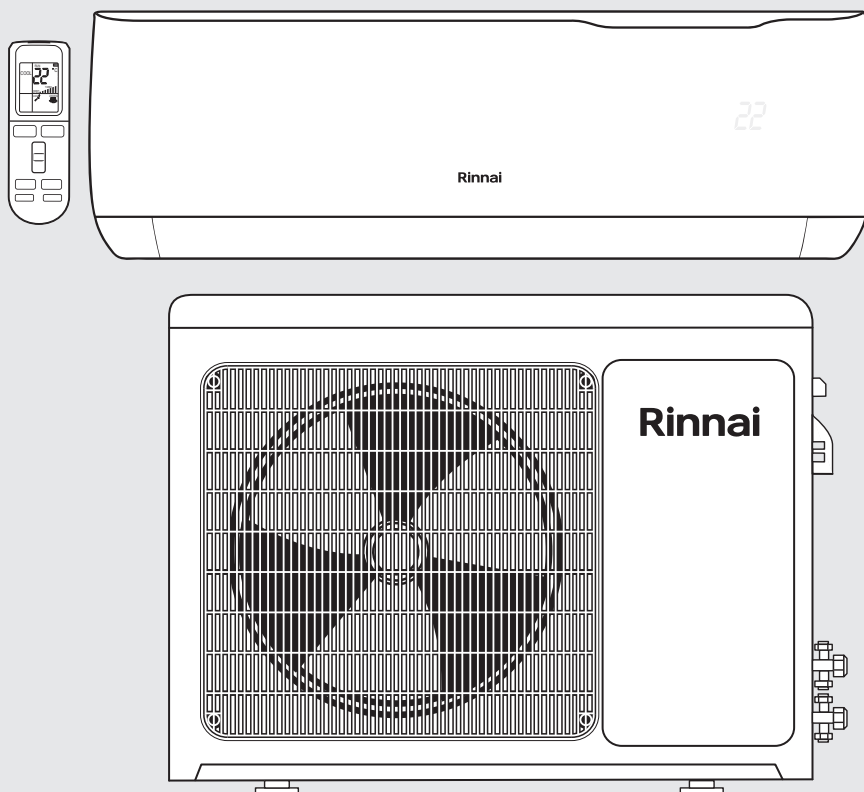


Models

System		HSNRT25B		HSNRT35B		HSNRT50B		HSNRT70B		HSNRT80B
Indoor		HINRT25B		HINRT35B		HINRT50B		HINRT70B		HINRT80B
Outdoor		HONRT25B		HONRT35B		HONRT50B		HONRT70B		HONRT80B

REFRIGERANT
R32



T Series Split Type Wall Mounted Air Conditioner

Wi-Fi Operation Manual

Rinnai

This appliance must be installed in accordance with:

- Manufacturer's Installation Instructions
- Current AS/NZS 3000, AS/NZS 5141
- Local Regulations and Municipal Building Codes including local OH&S requirements

This appliance must be installed, maintained and removed only by an Authorised Person.

For continued safety of this appliance it must be installed and maintained in accordance with the manufacturer's instructions.



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TERMS & CONDITIONS

1. DEFINITIONS

App means the AC Freedom App you can download to your Device to operate your Rinnai T Series.

Australian Consumer Law ('ACL') is Schedule 2 of the Competition and Consumer Act 2010.

Device means your smart phone/ tablet (Android. 4.1+ or Apple iOS9.0+) through which you have downloaded the App.

Rinnai T Series means a T Series Inverter Split System, comprising the following models:

T Series Models	HSNRT25B	HSNRT35B	HSNRT50B	HSNRT70B	HSNRT80B
------------------------	-----------------	-----------------	-----------------	-----------------	-----------------

Rinnai, we, our or us means Rinnai Australia Pty Ltd (ABN 74 005 138 769).

Wi-Fi Operations Manual means the Wi-Fi operations manual which details how to download and operate the App.

You or your means a customer who uses the Rinnai T Series and App.

2. GENERAL

- 2.1 By downloading the App, you agree to be bound by these Terms & Conditions.
- 2.2 These Terms & Conditions should be read in conjunction with the Wi-Fi Operations Manual.
- 2.3 Rinnai may make updates to these Terms & Conditions from time to time. You should download and understand all relevant updates to ensure you understand your obligations and Rinnai's obligations under the Terms & Conditions.
- 2.4 Rinnai may make updates to the App from time to time. You should download and understand all relevant updates to ensure you have access to the functions of your Rinnai T Series and App.

3. THE AUSTRALIAN CONSUMER LAW ('ACL')

Our goods come with guarantees that cannot be excluded under the ACL. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

All the clauses under these Terms & Conditions apply subject to the ACL.

4. USE OF THE APP

- 4.1 You may download the App to your Device for your personal use only.
- 4.2 You are responsible for all costs incurred in accessing, downloading and using the App. This includes but is not limited to fees charged by your internet service provider, smartphone or app data access charges and any other access charges or device usage charges.
- 4.3 You must follow the instructions in the Wi-Fi Operations Manual to operate the Rinnai T Series via the App.
- 4.4 You must not use the App for any prohibited or unlawful purpose.
- 4.5 The App is available as another means to control and monitor the Rinnai T Series, but should not be used for critical heating or cooling applications.

5. TERMINATION

- 5.1 You may terminate these Terms & Conditions by deleting and ceasing use of the App.
- 5.2 Rinnai may terminate these Terms & Conditions immediately through the App or by any other appropriate means if you are in breach of the Terms & Conditions.

6. INTELLECTUAL PROPERTY

- 6.1 If you download the App, Rinnai grants you a limited, non-exclusive, non-transferable, and non-assignable royalty free licence solely in order to access and use the App.
- 6.2 All intellectual property rights in the Rinnai T Series and the App are owned by Rinnai or licensed to Rinnai by third parties. You do not acquire any express or implied rights in any these intellectual property rights, other than those granted in clause 6.1 and within the context of these Terms & Conditions.
- 6.3 You may not modify, copy, sell, reproduce, interfere with or distribute the App in any way.

7. DISCLAIMER

To the extent permitted by law:

- 7.1 Rinnai makes no warranties that the App will be error-free, secure or free from any virus, malicious code or other adverse elements. Rinnai therefore excludes any liability which may arise as a result of you downloading, accessing or using the App. Rinnai does not exclude or restrict liability to the extent provided for by the ACL under the Competition and Consumer Act 2010.
- 7.2 Rinnai will not be liable for any indirect, incidental, special or consequential loss.

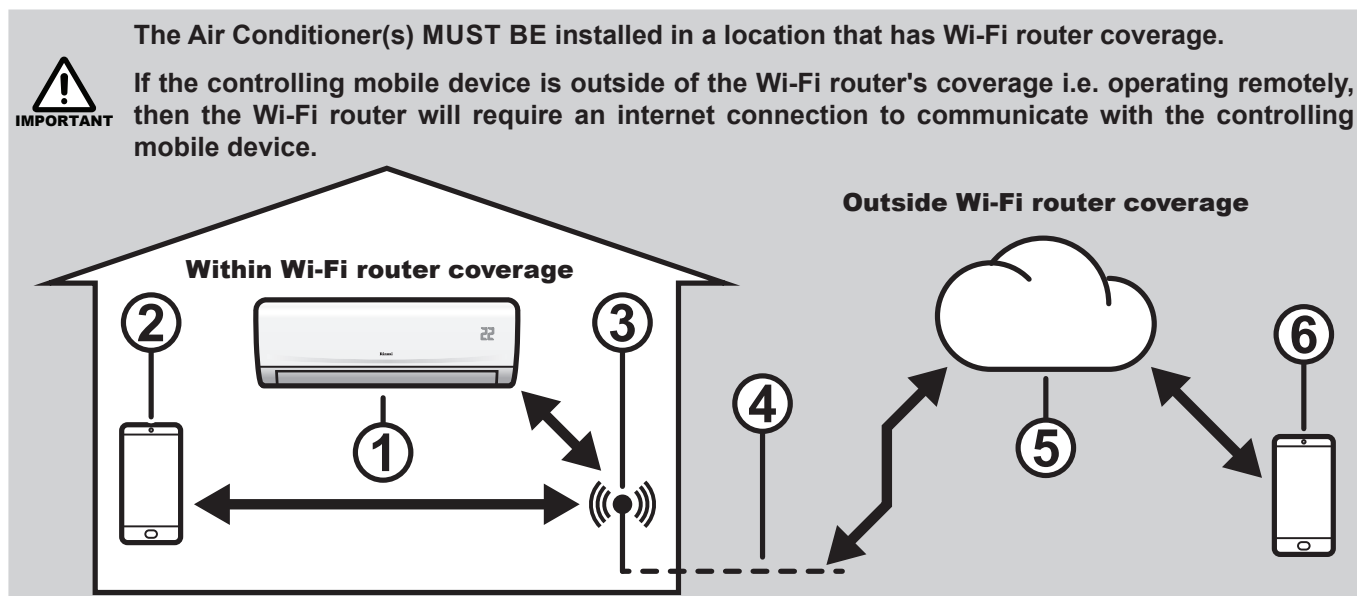
8. FORCE MAJEURE

Unless prohibited by law, Rinnai shall be released from its obligations in the event of national emergency, war, prohibitive governmental regulation, or if any other cause beyond the control of the parties renders the App or Rinnai T Series inoperable.

Wi-Fi COMPATIBILITY / CONNECTIVITY

Rinnai Split Type Wall Mounted Air Conditioner models HSNRT25B, HSNRT35B, HSNRT50B, HSNRT70B and HSNRT80B are fitted with built-in Wi-Fi connectivity. Using the AC Freedom App (available from Apple App Store or Google Play) it is then possible to use a smart phone to operate these appliances remotely. Multiple compatible appliances can be added as required.

A Wi-Fi router (paired with the appliance via AC Freedom App) is used to control the Air Conditioner(s).



1. Indoor air conditioning unit (AC Device)
2. Smart phone or tablet (using Wi-Fi)
3. Wi-Fi router
4. Internet connection
5. Internet cloud
6. Smart phone (using internet cloud)

MINIMUM REQUIREMENTS

- Rinnai Split Type Wall Mounted Air Conditioner models: HSNRT25B, HSNRT35B, HSNRT50B, HSNRT70B and HSNRT80B
- Wi-Fi Router, 2.4G frequency range supporting 802.11b/g/n mode, with coverage of the Appliance(s) location
- For remote cloud based operation Wi-Fi router / modem with active internet connection
- Smart phone / Tablet (Android 4.1+ or Apple iOS 9.0+) with AC Freedom App installed



Android QR code

or search AC Freedom in Google Play



iOS QR code

or search AC Freedom in Apple App Store

WI-FI SET UP

Pairing With Mobile device & Wi-Fi Network

1. Open App, then read and confirm the Privacy Notice

PRIVACY POLICY

AUX Group Co. Ltd (the "Company", "we", "us") respect and protect your privacy right and personal data. In order to provide you with more accurate and personalized service, we collect and use your personal information in accordance with the Privacy Policy. The Privacy Policy explains to you how we collect, use, share and transfer information when you use our products and services, and the way how we protect your personal data.

Updated 22 May 2018
Effective 22 January 2019

This policy will help you understand the following:

[What personal information we collect](#)
[How do we process your personal information](#)
[Cookies and other technologies](#)
[Disclosure to Third Parties](#)
[How long do we keep your personal information](#)
[Children under 13 \(or applicable age in your country\)](#)
[Protection of Personal Information](#)
[Transfer of data abroad](#)

☒ I have read and accept the terms

Continue

2. Select "Australia" as user area. Select OK. First time users will need to register via email or phone.

User area OK

Please select your region to ensure the app is properly connected to the appropriate server

Country or region

A

Albania

Algeria

Afghanistan

Argentina

Aruba

Andorra

Angola

Anguilla

Register

Email Phone

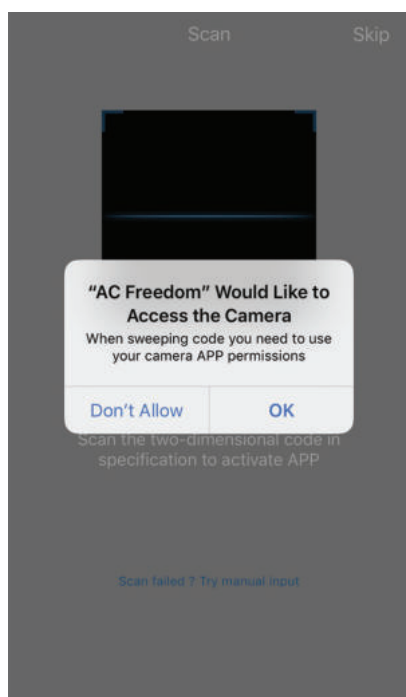
Australia

After registration, the user area cannot be changed

email

Next

3. Before the AC Freedom App can be used it will need to be activated, by either a **QR code** or by an **Activation code**



QR code method - Select **scan** and use the mobile device's camera to capture the QR code below

Activation code method - Type **rinnai** into the **enter activation code** field and select **activate**.



AC Freedom

Scan

or

rinnai

Activate

Note: If prompted, give the App permission to use the mobile device's camera.

The activation code is case sensitive (all lower case)

4. 'Welcome home' page is displayed briefly with location to confirm a successful activation.

Welcome home



My home

Victoria Melbourne

Start to use

5. Enter user name and password to log into App. If you don't have a login, select 'Sign up'. Use phone number or email address with a unique password.



Email/Phone

Password

Sign in

[Forgot password?](#)

Don't have an account? [Sign up](#)

6. Check your email or mobile text messages for verification code. Enter code to complete registration.

← Sign Up

Phone number OR Email

+86 Phone number

Next

← Get verification code

Enter verification code send to
Mobile phone or email

Enter code

Verification code

Resend (57s)

Password

Enter password

Finish

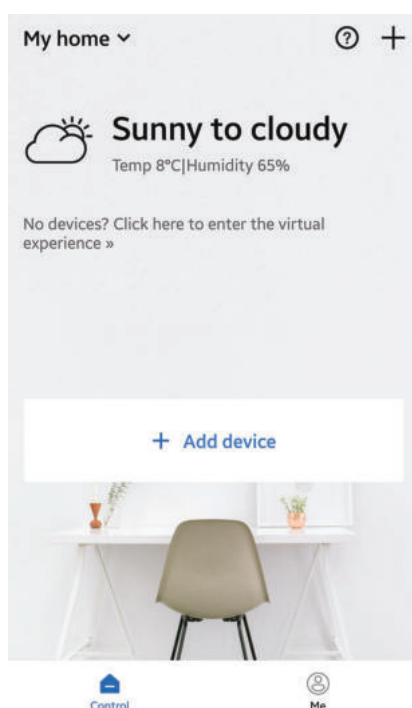


NOTE Password requires a minimum of 8 characters including alphabet and numerals.

7. Select the + **Add device** button, on the Device List page. Follow prompts on the screen. Turn on the Air Conditioner that is to be paired, then activate the Wi-Fi module by pressing the **HEALTH** button on the remote control 8 times.

A double beep confirms Wi-Fi module is activated and will be available to pair for 30 minutes.

Select Next Step



NOTE Changing your internet provider/service may mean you need to uninstall the App and register again.

8. Accept Terms and Conditions.

Cancel Privacy terms

Device Information of User Privacy Statement

summarize

We follow industry-leading standards to make the information collected from the equipment comply with local laws and regulations. Please read our user privacy statement about device information carefully to understand the types and uses of the information we must collect. If you do not agree with the terms in this statement, you will not be able to use the device and report problems and suggestions to us.

Types of information to be collected

The information we may collect from the device can be divided into device attribute information and device setting information according to its source

☒ I have read and accept the terms

Continue

9. Turn on location service.

Cancel AP Config

Please reset your device before adding:

Reset by "Health" button

Press the "Health" button of the

Please turn on location services

This app needs authorization to acquire users' location to set up devices

Cancel Settings

Simultaneously press the "cooling" key and the "+" key for 3s, hear the air conditioner ring 8

☒ I have finished the above step

Get started

10. Connect to desired Wi-Fi network to begin configuration.

Cancel

Connecting to "Wi-Fi Network"


☒ Sending Wi-Fi SSID and password to the device

☐ The device is connecting to the Wi-Fi

Cancel

Add devices

Select a device and set it up.



air conditioner


Wall-mounted AC

☒

None of the above devices are the ones I want to set up.

Join the room

← Configuration



Configuration takes 1 minute or so.
Please wait....

The configuration process may take up to a minute or more depending upon signal strength. The Device List page will be displayed with the new AC device listed when configuration is complete. To add additional AC devices to the current mobile device press the + 'Add button' and follow the screen prompts.

11. Select device location and name.

Cancel

Where is your device?

Choose a room for this device. This will help organize your devices.

Create new

Living room

Bedroom

Master bedroom

Family room

Bathroom

Kitchen

Dining room


Entryway

Next , name your device

Cancel


What's your device name?

Device name can be used to voice control Google home or Alexa.



air conditioner

Save



Done!

Use device now

[Back home page](#)



If the configuration is unsuccessful, confirm that Wi-Fi network is still up. If the Wi-Fi network is working correctly then repeat configuration steps.

If configuration continues to fail contact Rinnai.

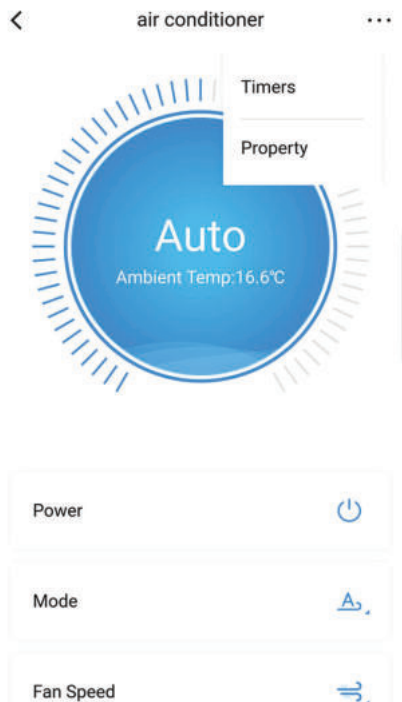
DEVICE EDITOR & TIMER



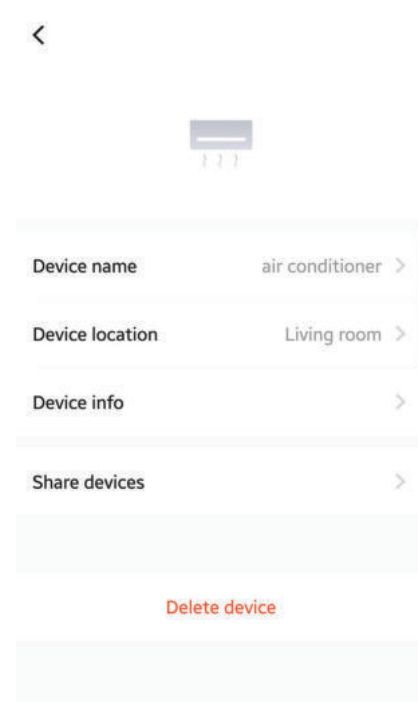
The AC device to be edited **MUST BE** on and connected to the Wi-Fi Network.
Before exiting the Device Editor, **Save** changes, as all unsaved changes will be **LOST**.
Locking only restricts the ability to pair any additional mobile devices to an AC device.

Device Editor allows customising of the App to AC device interface and access to AC device firmware updates.

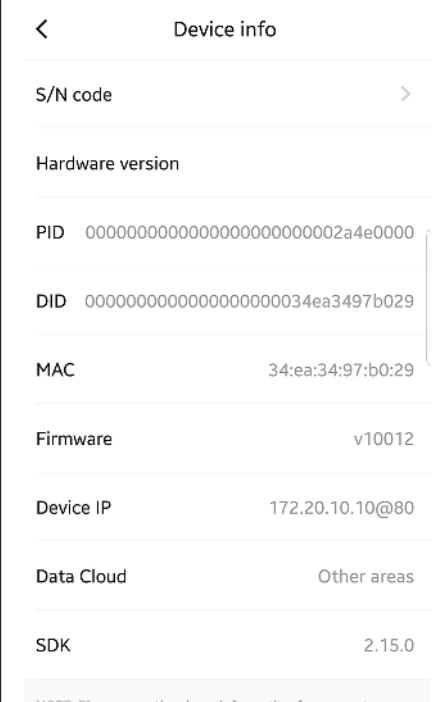
To enter the Device Editor, press the 3 dots **Icon** at the top right hand corner and select 'Property'.



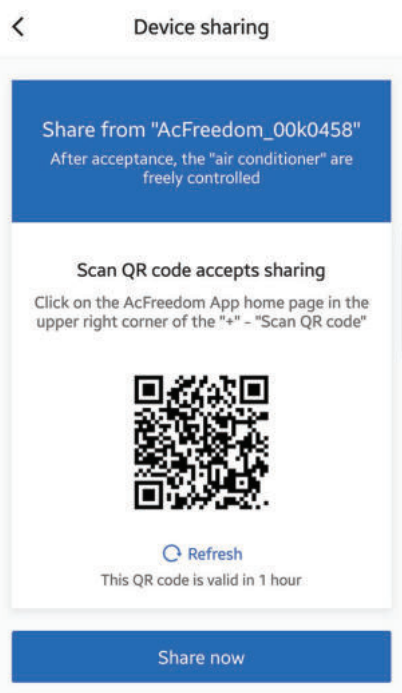
To change the AC devices icon for a specific mobile device, select **Photo** icon, and follow the on screen prompts to choose a new image.



To change the AC devices name for all mobile devices, select the **Name** text field and type a new name (e.g. Bedroom, Upstairs, etc).



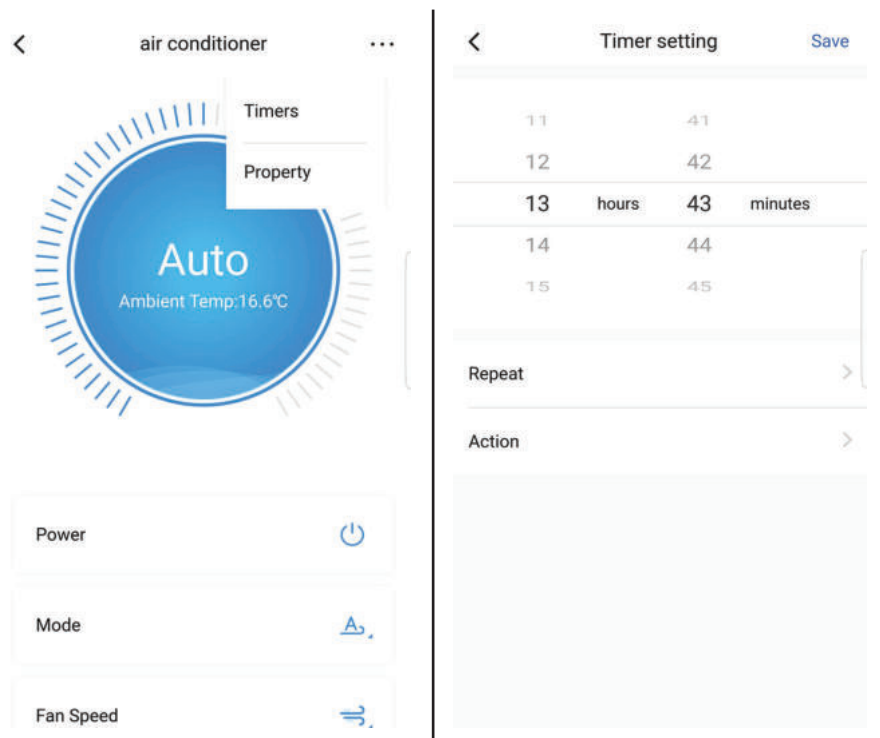
To update firmware, select **Firmware Upgrade**, if local and server versions are different select **Upgrade**, once updated both versions will be the same. The Wi-Fi router **MUST** have an internet connection for firmware updates.



TIMER

Creating a Customised Timer:

To add a new delay timer, select the + sign at the top right of the Timer list page to open the Add Timer page.

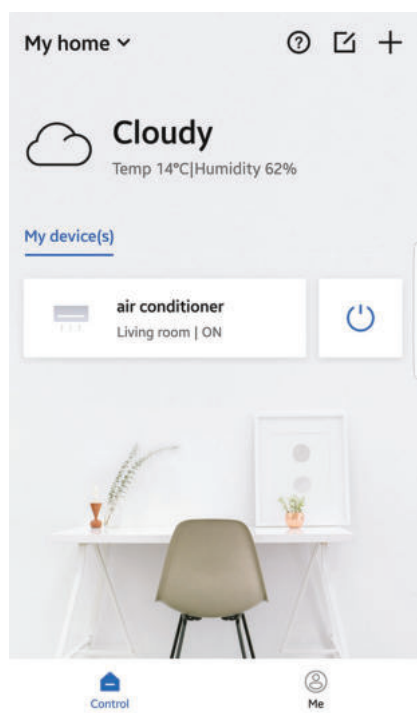


Select and edit each function as required. Follow the screen prompts for desired time, repeat etc. Don't forget to SAVE after timer parameters have been selected.

OPERATION

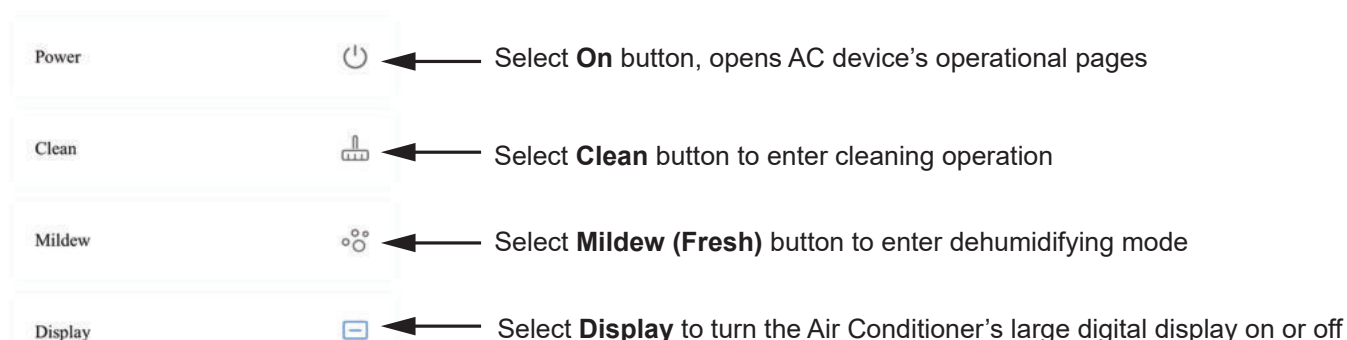
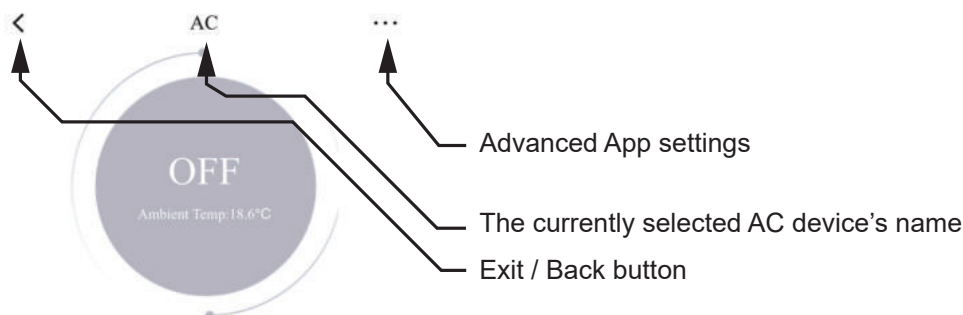
DEVICE LIST PAGE

After opening the App the Device List page is displayed, select the desired AC device that you wish to control.



STANDBY MODE PAGE (TO BE UPDATED)

Air Conditioner is plugged in with the power turned on, but is not in an operational mode.



POWER BUTTON

Select to turn the appliance ON or OFF.

CLEAN BUTTON

Cooling and dehumidifying operations can generate moisture inside the appliance. If the appliance is not going to be used for a long period (in excess of one month), it is suggested to run the cleaning operation to remove dust and moisture and avoid odours before leaving. Select the Clean button to start the cleaning operation.

MILDEW (FRESH)

Cooling and dehumidifying operations can generate moisture inside the appliance. Using the "FRESH" function removes such moisture by allowing the fan to run for 3 minutes after every shut-down, avoiding odours and keeping the unit fresh. Select the Mildew button to enable the Fresh operational mode.

DISPLAY

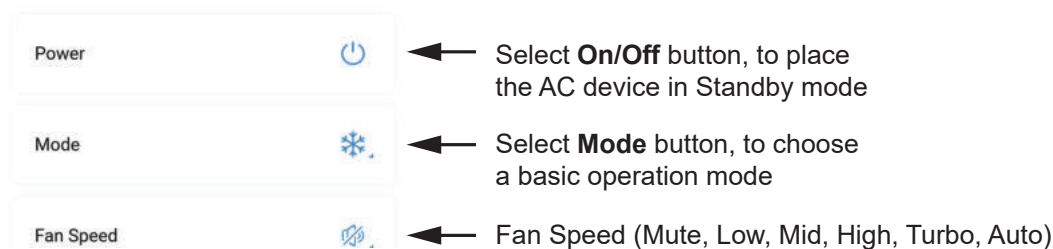
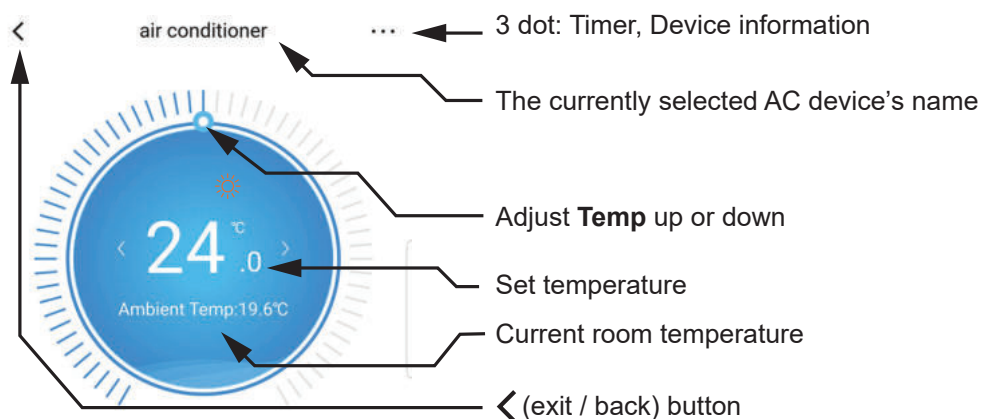
Turns the large digital display that is built into the appliance and illuminates through the front cover of the indoor unit on or off.



This cleaning operation takes approximately 35mins and the appliance automatically shuts off at completion of the cleaning cycle.

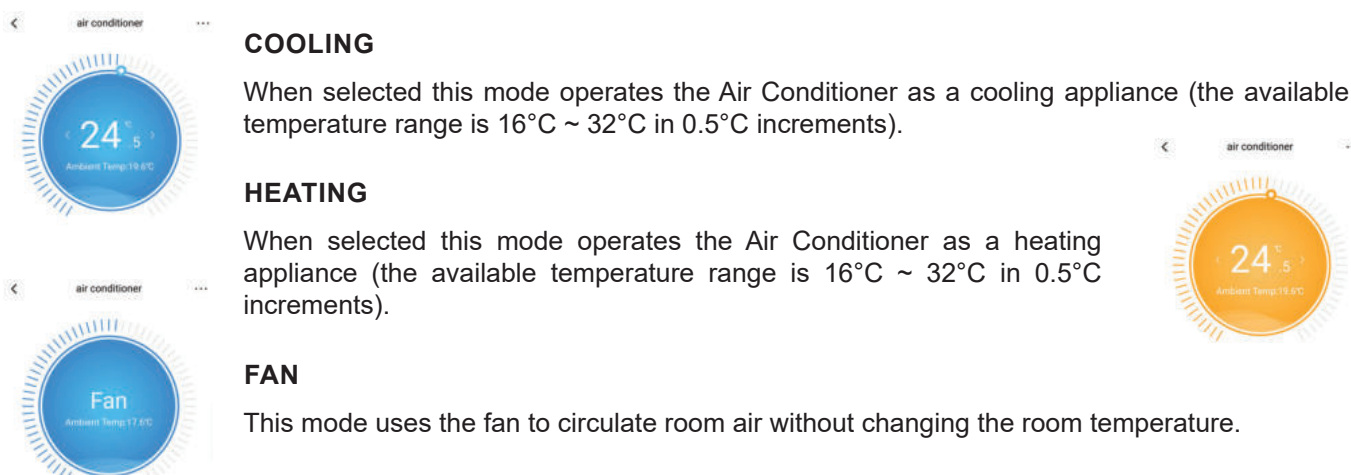
OPERATION FUNCTIONS

When on this screen, all operational controls (Heating, Cooling, Fan Speed, Set Timer, etc) can be accessed.



MODE BUTTON

This opens the basic operation mode selection tab.



DRY (DEHUMIDIFYING)

In periods of high humidity this mode removes excess moisture from the room, in order to prevent mould and mildew and increase comfort.

This mode adjusts the room temperature and the fan speed automatically to maintain the optimal level of humidity.



AUTO

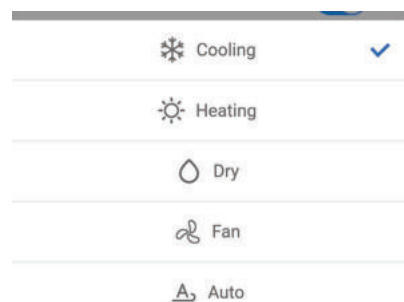
In this mode, the fan speed, heating or cooling mode and the temperature are all adjusted automatically by the appliance, based on the current room temperature.

The table below describes the relationship between room temperature and modes of operation when set to Auto.

Room Temperature	Set Temperature	Operation Mode
$\geq 27^{\circ}\text{C}$	24°C	Cooling Mode
$20^{\circ}\text{C} \sim 27^{\circ}\text{C}$	24°C	Dry Mode
$\leq 20^{\circ}\text{C}$	24°C	Heating Mode

FAN SPEED BUTTON

The fan speed can be adjusted manually or set to automatic. The available fan speeds are Mute, Low, Mid, High or Turbo. Select "Auto" if you wish the fan speed to be adjusted automatically by the appliance.



NOTE Only one mode of operation is available for use at any one time.

Scroll down screen for more functions

Display – to turn the air conditioner's large digital display On or Off

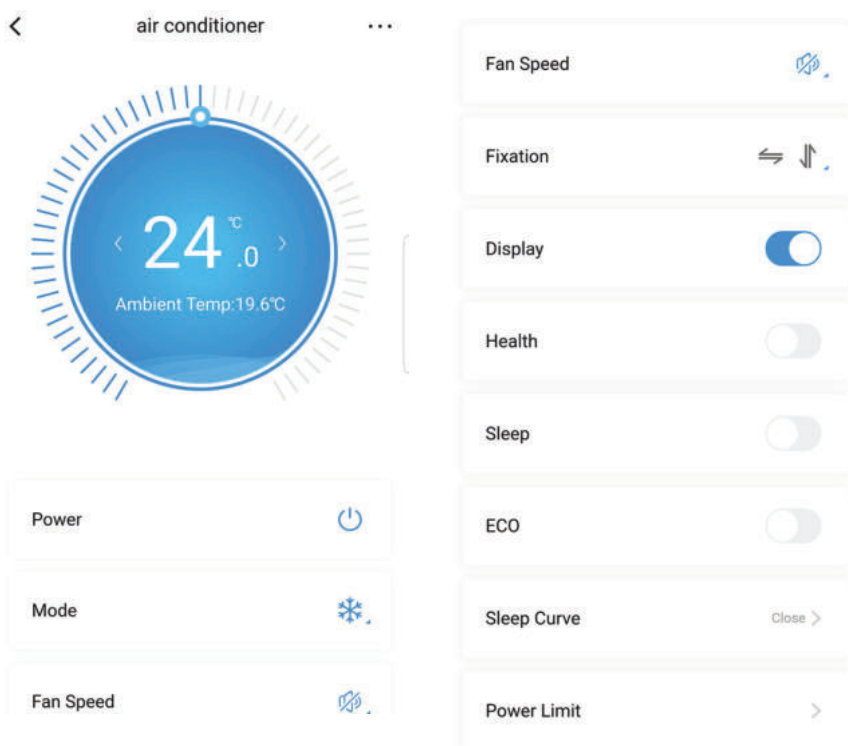
Health – currently has no function for the listed Air Conditioner models

Sleep – select to run the air conditioner in sleep mode

ECO – select to achieve the most economical cooling of the room

Timer – select to program On and Off timers

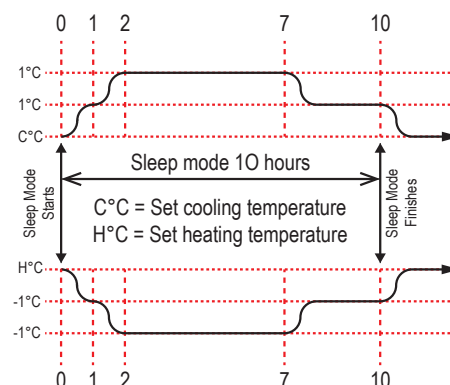
Power Limit – select to run the Air Conditioner in low power rate mode.



SLEEP

For Cooling: Allows the set temperature to increase and decrease over a 10 hour period at pre-set time intervals to maintain your comfort while saving energy (see graph right).

For Heating: Allows the set temperature to decrease and increase over a 10 hour period at pre-set time intervals to maintain your comfort while saving energy (see graph right).



Sleep mode is not available in FAN only mode.

The Delay Off Timer can be used in conjunction with SLEEP mode to turn off the Air Conditioner automatically.

SLEEP CURVE

This is a user definable version of the Sleep function, allowing the user to create a customised sleep curve.



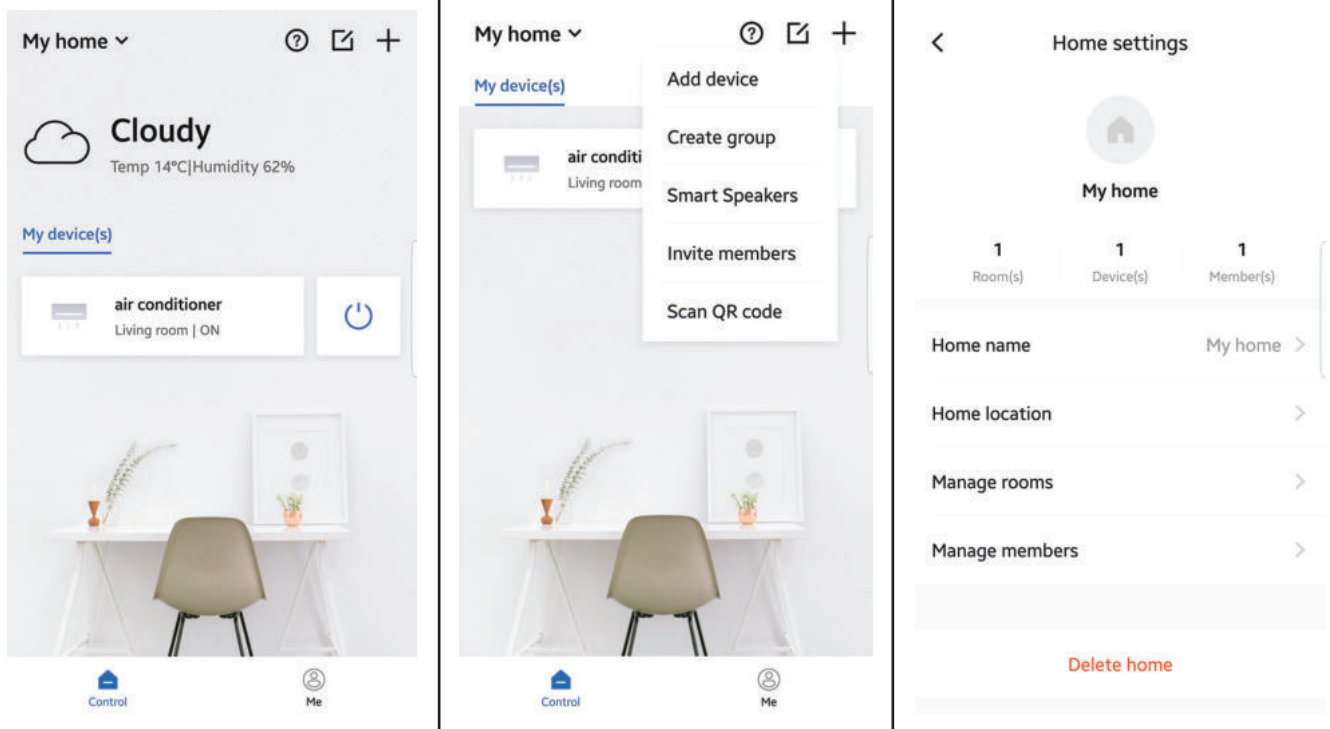
Only one sleep curve program can be saved at any time. It is important to note that if the power supply to the Air Conditioner is interrupted or turned off then the settings for the saved sleep curve will be lost and will need to be re-entered.

Pages with a Save option will require saving before exiting. Exiting such a page without saving will result in the loss of any unsaved edits.

The screenshot shows the 'Sleep Curve' settings screen. At the top, there is a 'Save' button. Below it, a message says 'Please set the air conditioning mode and the temperature of each time according to your sleep condition.' There are three toggle switches: 'Notification' (off), 'Turn off the AC at the end of sleep' (off), and 'Set the temperature and wind speed at each time' (on). Below the third toggle is a graph with a y-axis showing temperature from 16°C to 32°C and an x-axis showing time from 23:00 to 04:00. The graph has several dots representing temperature points at different times. A legend indicates C°C = Set cooling temperature and H°C = Set heating temperature.

APP SETTINGS

Direct access to the previously described AC Device related pages Add Device and Device List, can be found in “Control” tab. Renaming and additional room, device and members can be added from “My home” tab.



Following set of more advanced control operations are also available at “Me” tab including third party services (i.e. Alexa, Google home).

THIRD-PARTY SERVICES

Provides voice assistance via supported third party services.

MANAGE HOMES

Creates and renames home.

VIRTUAL EXPERIENCE

Mimic basic operations of Air Conditioner.

ELECTRONIC INSTRUCTIONS

Remote control and operational manual of air conditioner.

ACTIVATE BRAND CODE

Scan QR code.

HELP & FEEDBACK

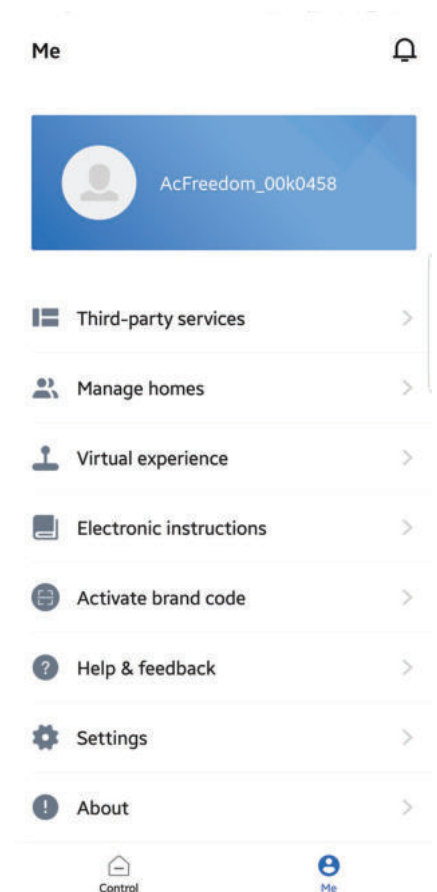
Provides device related FAQ.

SETTINGS

Selects language and vibration on/off

ABOUT

App and privacy information with provision of downloading app data.



VOICE CONTROL WITH GOOGLE HOME OR AMAZON ALEXA

The Rinnai T Series features Wi-Fi control via the 'Freedom AC' App. It can be compatible with your Google Home and Amazon Alexa smart devices. Instructions on how to install are illustrated below.

HOW TO CONNECT TO AMAZON ALEXA

1. Set up your App

If Wi-Fi Control is already configured and working with your air conditioner continue to next step. Otherwise, download the 'Freedom AC' App from the Apple Store or Google Play, and follow the Wi-Fi manual to set up it.

2. Set up your Amazon Alexa and App

If Amazon Alexa is already configured, then continue to next step. Otherwise, follow Amazon's guide.

3. Link Alexa with 'Freedom AC' App

See the integrated guide in the 'Freedom AC' App.

HOW TO CONNECT TO GOOGLE HOME

1. Set up your App

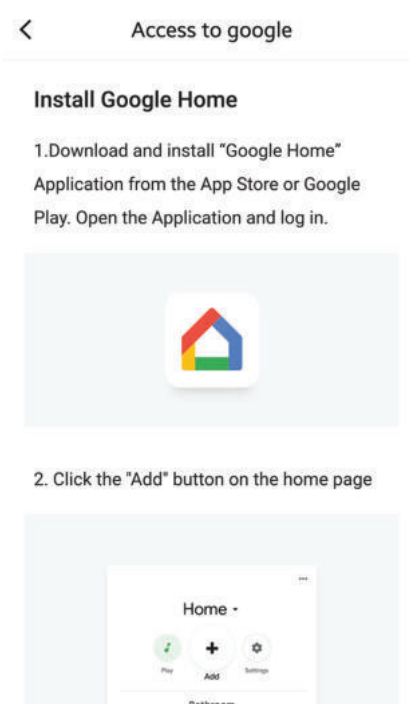
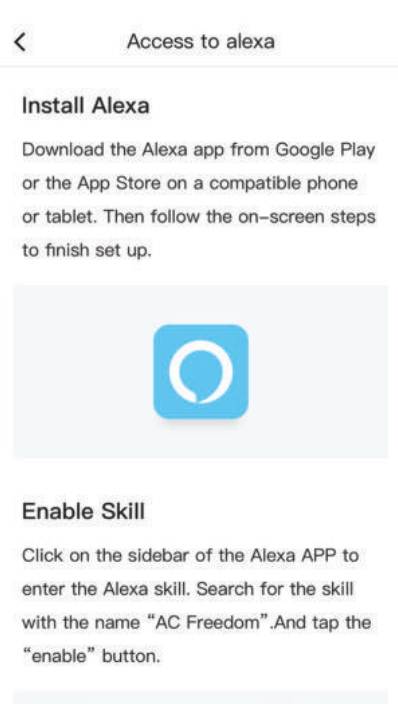
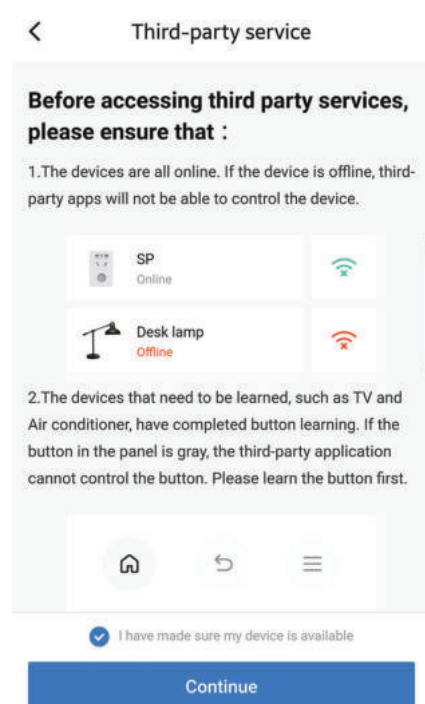
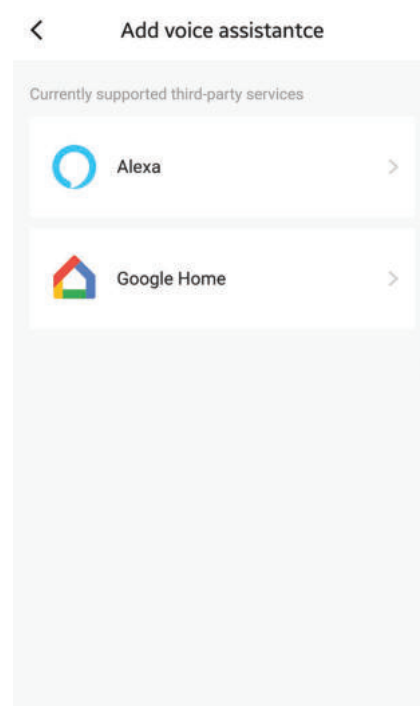
If Wi-Fi Control is already configured and working with your air conditioner continue to next step. Otherwise, download the 'Freedom AC' App from the Apple Store or Google Play, and follow the Wi-Fi manual to set up it.

2. Set up your Google Home Device and App

If Google Home is already configured, then continue to next step. Otherwise, follow Google's guide.

3. Link Google Home with 'Freedom AC' App

See the integrated guide in the 'Freedom AC' App.



Pages with a Save option will require saving before exiting. Exiting such a page without saving will result in the loss of any unsaved edits.

HOW TO CONNECT TO AMAZON ALEXA

After you have successfully linked 'Freedom AC' App to Amazon Alexa, you can now control your air conditioner(s) with Amazon Alexa.

Voice commands examples:

For example, if you have the Wi-Fi Control air conditioner connecting to Google home named 'AC'.

To turn on the device, ask	"Alexa, turn on AC"
To turn off the device, ask	"Alexa, turn off AC"
To set temperature, ask	"Alexa, set AC to 20 degrees"
To set mode, ask	"Alexa, set the AC to AUTO mode"
	"Alexa, set the AC to HEAT mode"
	"Alexa, set the AC to COOL mode"

HOW TO CONNECT TO GOOGLE HOME

After you have successfully linked 'Freedom AC' App to Google Home, you can now control your air conditioner(s) with Google Home.

Voice commands examples:

For example, if you have the Wi-Fi Control air conditioner connecting to Google home named 'AC'.

To turn on the device, ask	"ok google, turn on AC"
To turn off the device, ask	"ok google, turn off AC"
To set temperature, ask	"ok google, set AC to 20 degrees"
To set mode, ask	"ok google, set the AC to AUTO mode"
	"ok google, set the AC to HEAT mode"
	"ok google, set the AC to COOL mode"
To set fan speed, ask	"ok google, set AC to speed auto"
	"ok google, set AC to high"
	"ok google, set AC to medium"
	"ok google, set AC to low"

Rinnai Australia Pty Ltd

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National Help Line

Tel: 1300 555 545* Fax: 1300 555 655
Monday to Friday, 8.00 am to 5.00 pm EST.

**Cost of a local call higher from mobile or public phones.*

For further information visit **www.rinnai.com.au**
or email **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.