MODELS System | HSNCJ26B1 | HSNCJ35B1 | HSNCJ52B1 | HSNCJ70B1 | Indoor | HINCJ26B1 | HINCJ35B1 | HINCJ52B1 | HONCJ70B1 | REFRIGERANT R32 Outdoor | HONCJ26B1 | HONCJ35B1 | HONCJ35B1 | HONCJ70B1 | R32 Rinnal

CJ1 Series Split Type Wall Mounted Air ConditionerWi-Fi Operation Manual



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.



REFRIGERANT R32

TABLE OF CONTENTS

Terms & Conditions	4
Wi-Fi Compatibility / Connectivity	5
Minimum Requirements	
Wi-Fi Set Up	6
Troubleshooting	10
Advanced Wi-Fi Router Guidance	10
Tips and advice	
Device Editor & Timer	12
Timer	
Operation	14
Device List	14
Standby Mode	
Power Button	
Clean Button	
Mildew (Fresh)	
Display	
Operation Functions	
Mode Button	
Cooling	
Fan	
Dry (Dehumidifying)	
Auto	
Fan Speed Button	
Sleep Curve	
·	
App Settings	18
Third-party Services	18
Manage Homes	
Virtual Experience	
Electronic Instructions	
Activate Brand Code	
Help & Feedback	
Settings	
About	
Voice Control with Google Home or Amazon Alexa	
How to Connect to Amazon Alexa	
How to Connect to Amezon Alexa	
How to Connect to Google Home	
How to Connect to Google Home	
Contacts	24

TERMS & CONDITIONS

1. **DEFINITIONS**

App means the AC Freedom App you can download to your Device to operate your Rinnai CJ1 Series.

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

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

Rinnai CJ1 Series means a CJ1 Series Inverter Split System, comprising the following models:

CJ1 Series Models HSNCJ26B1 HSNCJ35B1 HSNCJ52B1 HSNCJ70B1

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 CJ1 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 CJ1 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 CJ1 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 CJ1 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 CJ1 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 CJ1 Series inoperable.

INTRODUCTION

Wi-Fi COMPATIBILITY / CONNECTIVITY

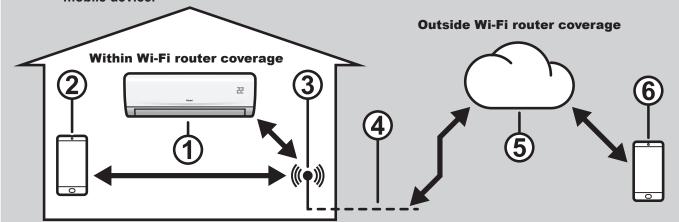
Rinnai Split Type Wall Mounted Air Conditioner models HSNCJ26B1, HSNCJ35B1, HSNCJ52B1 and HSNCJ70B1 are fitted with built-in Wi-Fi connectivity. Using the AC Freedom App (available from Apple App Store or Google Play) it is then possible to use a smart phone to operate these appliances remotely. Multiple 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).



The Air Conditioner(s) MUST BE installed in a location that has Wi-Fi router coverage.

If the controlling mobile device is outside of the Wi-Fi router's coverage i.e. operating remotely, then the Wi-Fi router will require an internet connection to communicate with the controlling mobile device.



- 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: HSNCJ26B1, HSNCJ35B1, HSNCJ52B1 and HSNCJ70B1.
- 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 6.0+ or Apple iOS 12.0+) with AC Freedom App installed



Android QR code

or search AC Freedom in Google Play



or search AC Freedom in Apple App Store

WI-FI SET UP

Pairing With Mobile device & Wi-Fi Network

Open App, then read and confirm the Privacy Notice

PRIVACY POLICY

AUX Group Co. Ltd (the "Company", "we", "us") respe ct and protect your privacy right and personal data. In order to provide you with more accurate and personal ized service, we collect and use your personal inform ation in accordance with the Privacy Policy. The Priva cy Policy explains to you how we collect, use, share a nd transfer information when you use our products a nd services, and the way how we protect your person al data.

Updated 22 May 2018

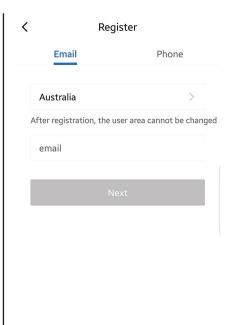
Effective 22 January 2019

This policy will help you understand the following:

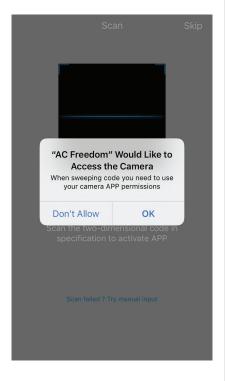
What personal information we collect How do we process your personal information Cookies and other technologies Disclosure to Third Parties How long do we keep your personal information Children under 13(or applicable age in your country) Protection of Personal Information I have read and accept the terms Continue

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

	User area	OK
	your region to ensur ected to the approp	
Country or	region	Q
Α		
Albania		
Algeria		
Afghanistan		
Argentina		
Aruba		
Andorra		
Angola		
Anguilla		



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

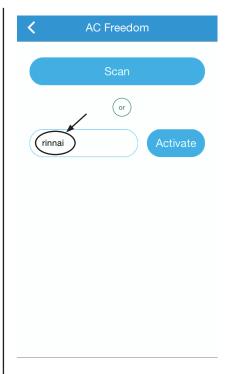


QR code method - Select scan and use the mobile device's camera to capture the QR code below

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



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

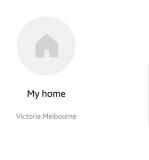


The activation code is case sensitive (all lower case)

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

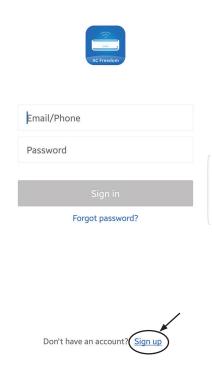
firm a successful activation.

Welcome home

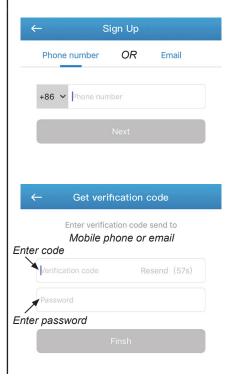


Start to use

 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.



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



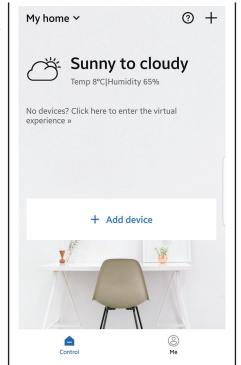


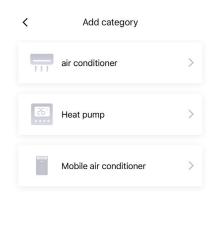
Password requires a minimum of 8 characters including alphabet and numerals.

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 and holding the 'WI-FI' button on appliance control panel more than 5 seconds.

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

Select Next Step

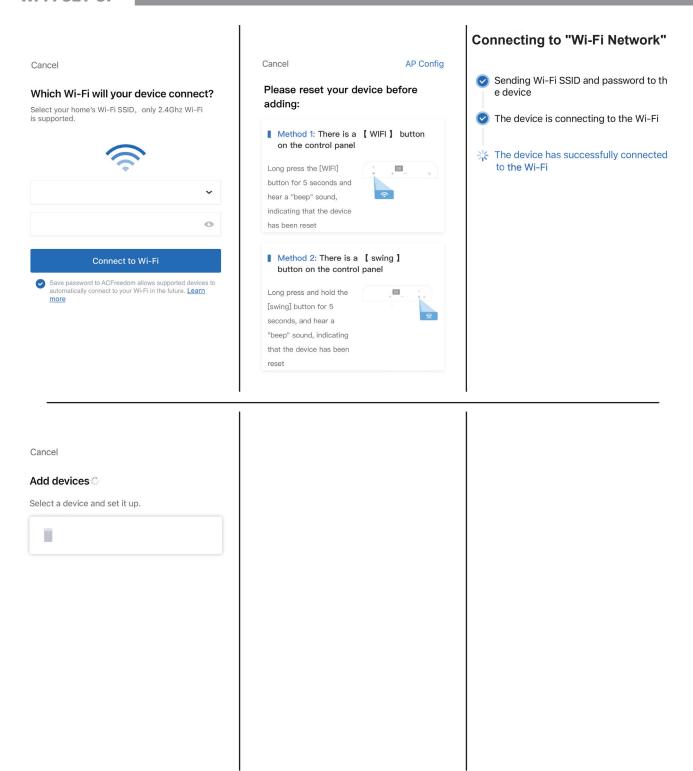






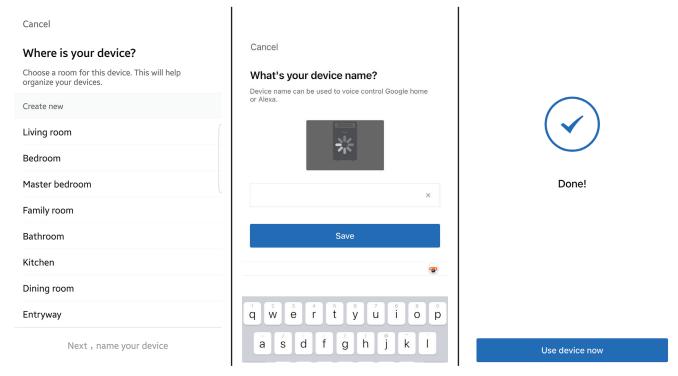
Changing your internet provider/service may mean you need to uninstall the App and register again.

WI-FI SET UP



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.

8. Select device location and name.





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.

TROUBLESHOOTING

If configuration continues to fail, please check:

- Ensure your appliance is in standby mode.
- Your appliance and smart phone is in Wi-Fi router coverage.
- Your smartphone/tablet is connected to your home network.
- Ensure the latest version of the App is installed on your phone or tablet.
- Check your network has a good signal strength.

If you are still experiencing issues, please uninstall the App from your device and reinstall then repeat the above steps.

ADVANCED WI-FI ROUTER GUIDANCE

In order to connect your appliance, make sure you choose 2.4G frequency range, bandwidth setting 802.11b/g/n mode.

The range of wireless transmissions can reduce at high frequencies, because at those levels they do encounter difficulties when trying to penetrate through solid objects, these objects can be structural, or general building fabrics, such as metal framework, walls & floors.

For the best possible connection to your appliance, the location of your Wi-Fi router in relation to your appliance is key:

If there are certain areas of your home where you find your signal drops, it may be due to a blockage.

Large objects can often obstruct or interfere with a wireless connection, so it's best to keep your router off the ground and away from larger items.

Avoid putting your router behind the sofa, inside a cabinet or behind a door. Although it may look tidy, if you are experiencing an issue this could be the cause a problem. You should also keep electronics such as microwaves, lamps, speakers, TVs and monitors as far away from the router as possible.

If issues are encountered when trying to connect your appliance, our best advice would be to follow the below:

Check the location of the appliance in relation to the wireless router, are there any objects that may be causing a blockage problem with the signal?

Check if you are experiencing the same connection problem across other devices, you can do this by checking their Wi-Fi status. Typical devices to be checked would be your mobile phone, tablet, laptop, or even your TV.

Try adding a new device to your wireless network – this will verify that the wireless password & SSID are correct.

Are you using wireless extenders? If so, turn off all wireless extenders and add try adding a new device (a mobile phone for example) in the same location as your wireless router. This confirms that your Wireless router is accepting new devices without issue.

The last step would be to reset the wireless router.

TIPS AND ADVICE

If the appliance is installed out of the range of your wireless network, the Wi-Fi signal will not be detected by the appliance. It may be too far away from your router. You may need to purchase a signal booster to extend the range of your home network. You can purchase a Wi Fi booster from any computer store, online or an electrical retailer.

How do I know if my Wi-Fi signal is strong enough or if the appliance is out of range?

Simply stand in front of the appliance holding the device in close proximity to the control panel, you will find this on the front of the appliance. By using an existing device, that is already connected to the wireless network, this could be a phone or tablet, and then see if the Wi-Fi indicator shows that you have signal? If the signal strength is not full, it may indicate connectivity issue. If they are greyed out or only 1 or 2 bars are showing, then the signal strength of your home network will need boosting, in order for your SmartLife-SmartHome to control the appliance.

If the connection problems persist and you are unable to connect to the appliance, please contact your network provider for advice on the best solution.

Description	Analysis of cause
Appliance can't be configured successfully	Please enable the permissions of Storage / Location / Camera / Wi-Fi / Bluetooth for this APP when installing. Otherwise problems may occur when operating.
	Check that the mobile is connected to WLAN router SSID and password is correct;
	Check whether there are additional settings of WLAN router as shown below.
	Firewall by router or by PC
	MAC address filtering
	Hidden SSID
	DHCP server
	Reboot WLAN router, mobile device and appliance (WLAN module) and connect appliance by CF or AP mode again. Before rebooting, check nobody has already connected to same appliance.
Mobile can't control appliance	When appliance (WLAN module) is rebooted and App displays device remove, ignoring this confirmation as this will lead to mobile device losing control of permission of the appliance. You will need to connect the appliance by CF or AP mode again.
	In case of power failure, mobile device will lose control of permission of the appliance for 3 minutes after power failure. (Notification will show on the mobile device.)
	If you cannot control the App (appliance) even after power is restored, you will need to connect the appliance by CF or AP mode again.
	App shows that appliance is offline. Please check the following conditions.
	The appliance has been reconfigured.
	Appliance is out of power.
	Router is out of power.
Mobile can't find appliance	Appliance can't connect to router.
	Appliance can't connect to network through the router.
	Mobile device can't connect to network.
	After adding the device, it will disappear from the device list.
	Hold and slide down to refresh the device list. If there is no change, shut down the App and start again.

DEVICE EDITOR & TIMER



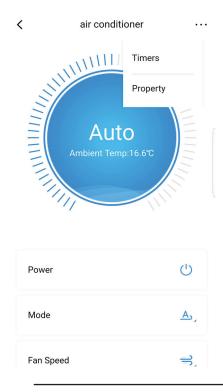
The AC device to be edited MUST BE on and connected to the Wi-Fi Network.

Before exiting the Device Editor, **Save** changes, as all unsaved changes will be LOST.

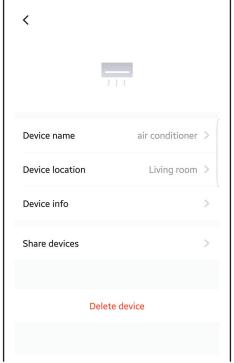
Locking only restricts the ability to pair any additional mobile devices to an AC device.

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'.



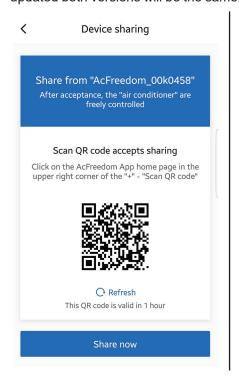
To change the AC devices icon for a specific mobile device, select **Photo** icon, and follow the on screen prompts to choose a new image.



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).



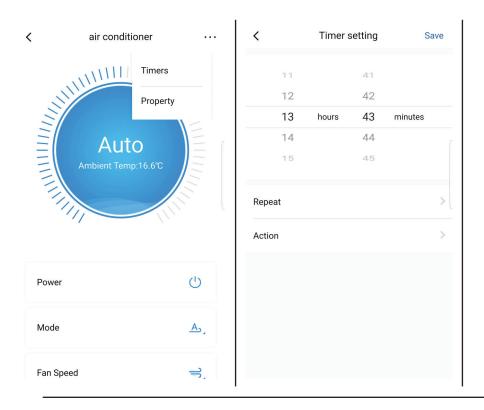
To update firmware, select *Firmware Upgrade*, if local and server versions are different select *Upgrade*, once updated both versions will be the same. The Wi-Fi router **MUST** have an internet connection for firmware updates.



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.

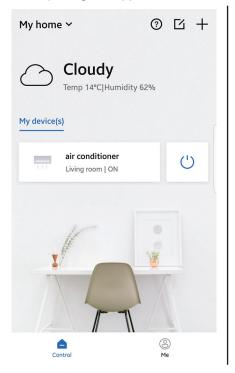


Select and edit each function as required. Follow the screen prompts for desired time, repeat etc. Don't forget to SAVE after timer parameters have been selected.

OPERATION

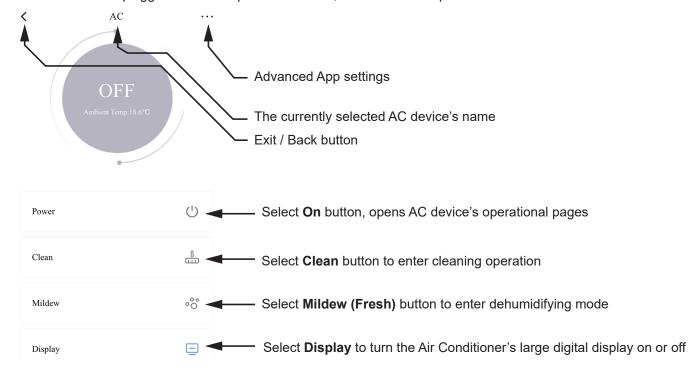
DEVICE LIST

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



STANDBY MODE

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.

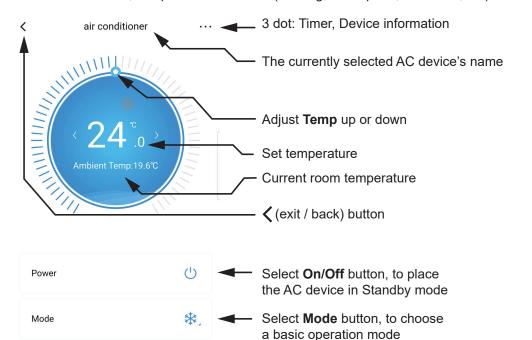




This cleaning operation takes approximately 35mins and the appliance automatically shuts off at completion of the cleaning cycle.

OPERATION FUNCTIONS

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

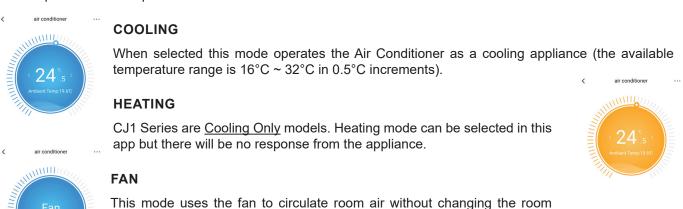


MODE BUTTON

Fan Speed

This opens the basic operation mode selection tab.

temperature.



Fan Speed (Mute, Low, Mid, High, Turbo, Auto)

DRY (DEHUMIDIFYING)

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

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



air conditioner

AUTO

In this mode, the fan speed 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.

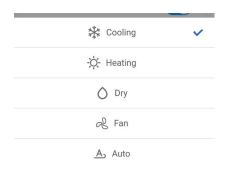
Room Temperature	Set Temperature	Operation Mode
≥ 27°C	24°C	Cooling Mode
20°C ~ 27°C	24°C	Dry Mode

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.



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

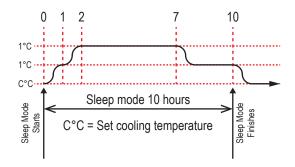
Power Limit – select to run the Air Conditioner in low power rate mode.



Fan Speed	Ø,
Fixation	⇒ \ ,
Display	
Health	
Sleep	
ECO	
Sleep Curve	Close >
Power Limit	>

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).





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.

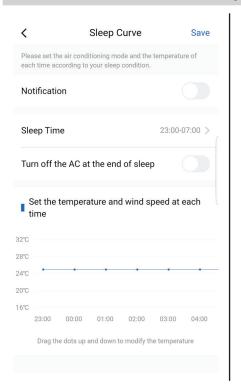
SLEEP CURVE

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



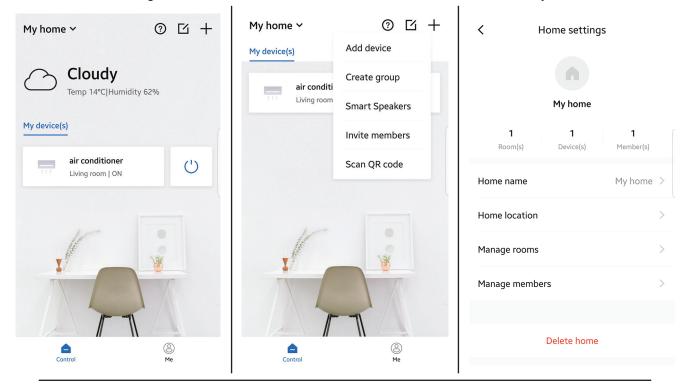
Only one sleep curve program can be saved at any time. It is important to note that if the power supply to the Air Conditioner is interrupted or turned off then the settings for the saved sleep curve will be lost and will need to be re-entered.

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.



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

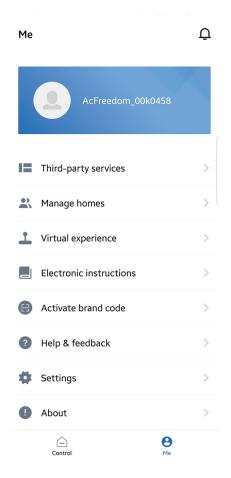
Provides device related FAQ.

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 CJ1 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

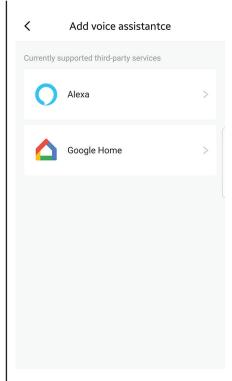
If Wi-Fi Control is already configured and working with your air conditioner continue to next step. Otherwise, download the 'Freedom AC' App from the Apple Store or Google Play, and follow the Wi-Fi manual to set up it.

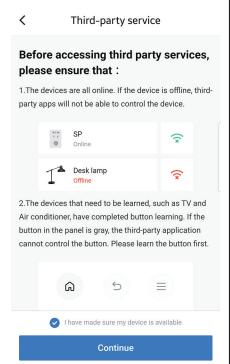
2. Set up your Google Home Device and App

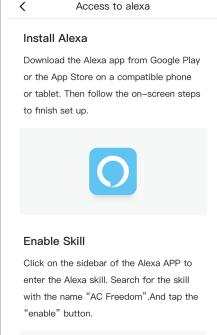
If Google Home is already configured, then continue to next step. Otherwise, follow Google's guide.

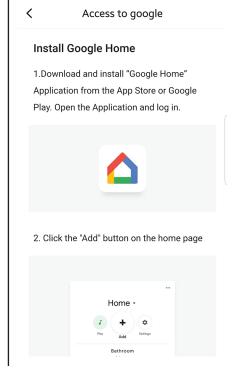
3. Link Google Home with 'Freedom AC' App

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 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 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"

NOTES

Rinnai Australia Pty Ltd

ABN 74 005 138 769 | AU45204

100 Atlantic Drive, Keysborough, Victoria 3173 P.O. Box 460, Braeside, Victoria 3195 Tel: (03) 9271 6625

National Help Line

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 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.