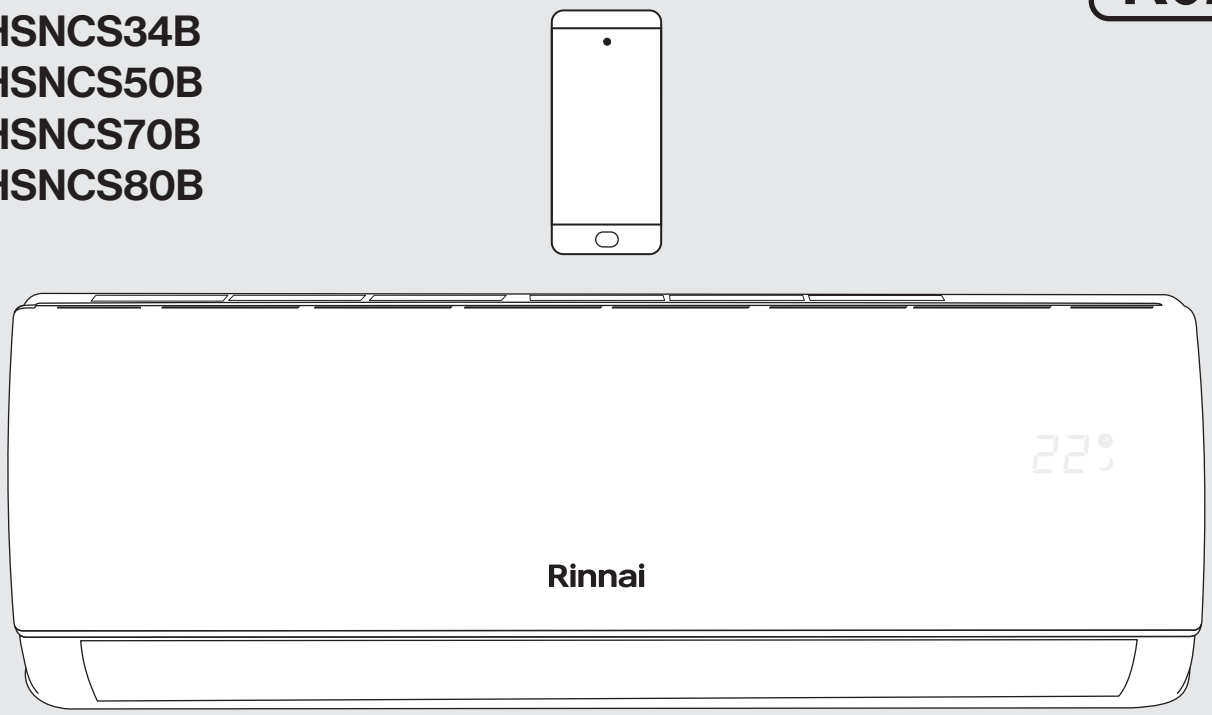
C Series Cooling Only Models:

HSNCS25B
HSNCS34B
HSNCS50B
HSNCS70B
HSNCS80B

REFRIGERANT
R32



Split System 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 Intelligent AC App you can download to your smart phone to operate split systems.

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 C Series means a C Series Cooling Only Split System, comprising the following models:

C Series Models	HSNCS25B	HSNCS34B	HSNCS50B	HSNCS70B	HSNCS80B

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 C 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 C 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 C 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 C 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 C 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 C Series inoperable.

Wi-Fi COMPATIBILITY / CONNECTIVITY

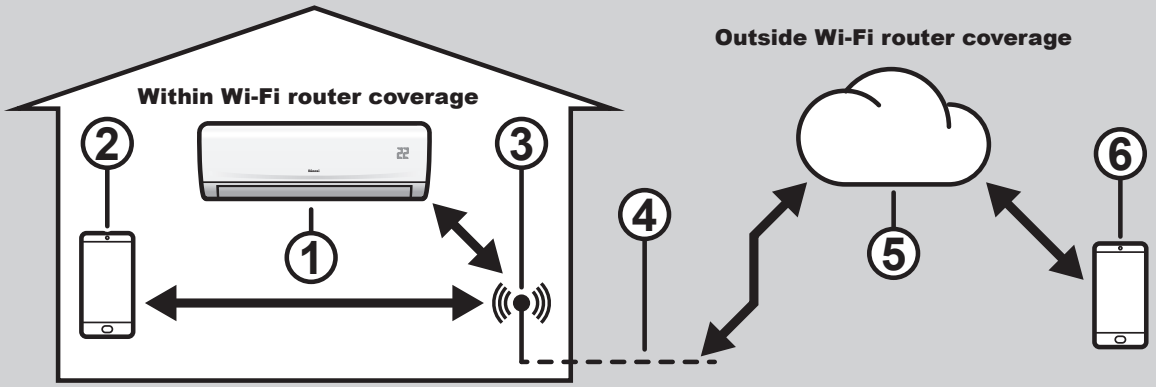
Rinnai Split Type Wall Mounted Air Conditioner models HSNCS25B, HSNCS34B, HSNCS50B, HSNCS70B and HSNCS80B are fitted with built-in Wi-Fi connectivity. Using the Smartphone App (available from Apple App Store or Google Play) it is then possible to use a smart phone to operate these appliances remotely. Multiple compatible appliances can be added as required.

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

IMPORTANT

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 (using Wi-Fi)
3. Wi-Fi router
4. Internet connection
5. Internet cloud
6. Smart phone (using internet cloud)

MINIMUM REQUIREMENTS

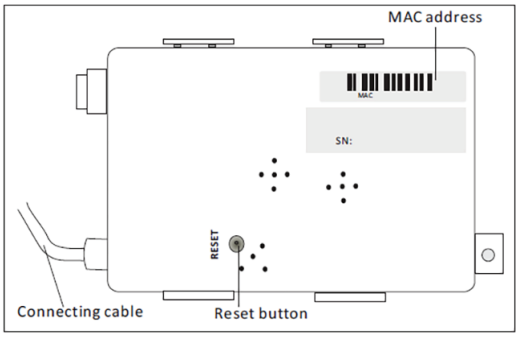
1. Rinnai C Series means a C Series Cooling Only Split System, comprising the following models: HSNCS25B, HSNCS34B, HSNCS50B, HSNCS70B and HSNCS80B.
2. Wireless Network Requirements of Wi-Fi Router.

Features \ Standard	IEEE 802.11 b	IEEE 802.11 g	IEEE 802.11 n
Operating frequency	2400 - 2483.5MHz ISM band	2400 -2483.5MHz ISM band	2400 -2483.5MHz ISM band
Modulation	DQPSK,DBPSK CCK,DSSS	QPSK,BPSK,16QAM 64QAM with OFDM	BPSK,QPSK,16QAM 64QAM with OFDM
Channel numbers	13 channels for worldwide	13 channels for worldwide	
Data rate	At most 11Mbps	At most 54Mbps	At most 150Mbps
Sensitivity	-76dBm for 11Mbps	-65dBm for 54Mbps	-64dBm at MCS7 (2.4GHz band/HT20) -61dBm at MCS7 (2.4GHz band/HT40)
Output Power	16±2dBm for 11Mbps	14±2dBm for 54Mbps	12±2dBm at MCS7 (2.4GHz band/HT20) 12 2dBm at MCS7 (2.4GHz band/HT40)
Security	Standard: WEP/WEPA/WPA2 encryption algorithm: WEP64/WEP128/TKIP/AES		

3. For remote cloud based operation Wi-Fi router / modem with active internet connection.
4. Smart phone (Android 5.0+ or Apple iOS 9.0+) with App installed.

WI-FI MODULE LOCATION

It is located behind indoor unit front access panel.

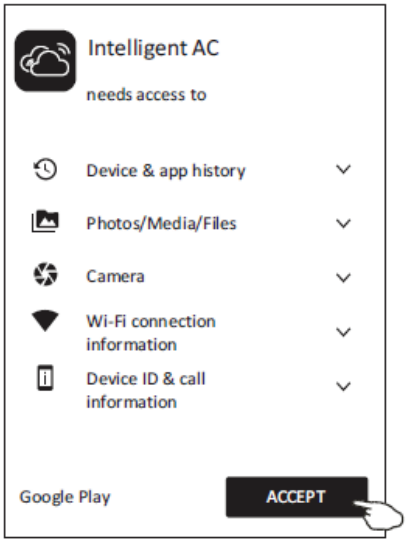


THE MOBILE APP INSTALLATION

Install the App for Android Smart phone.

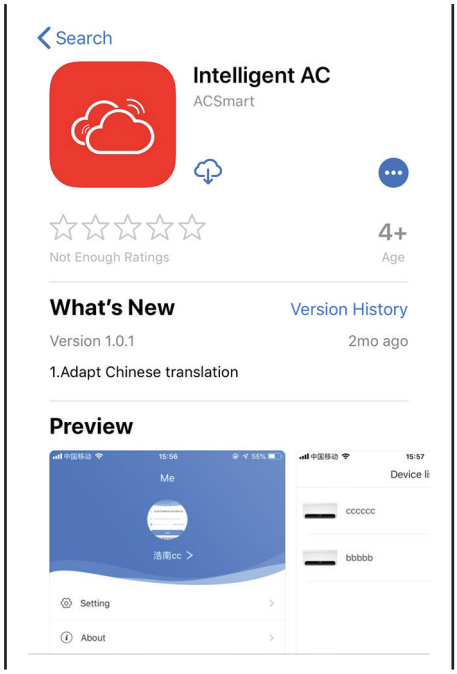
Scan Android QR code. Or search ***Intelligent AC*** in Google Play.

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



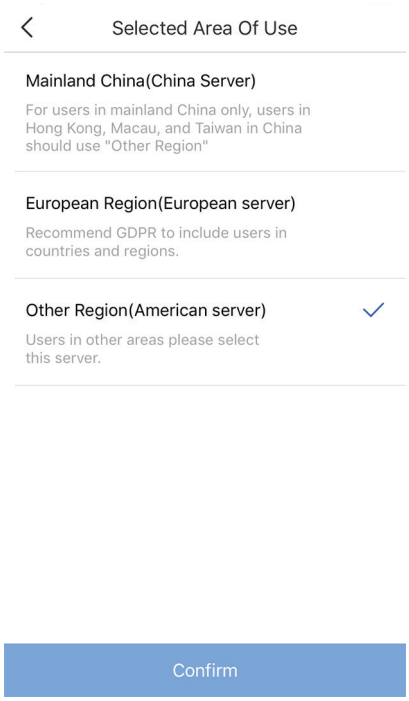
Install the App for iPhone (IOS system). Scan IOS QR code.

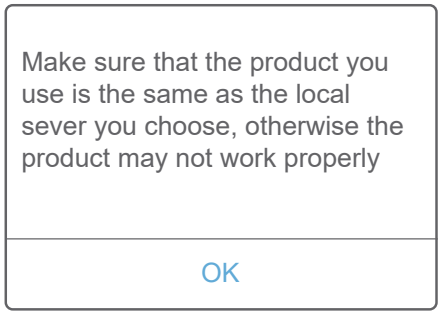
Or search Intelligent AC in Apple App Store.



Wi-Fi set up

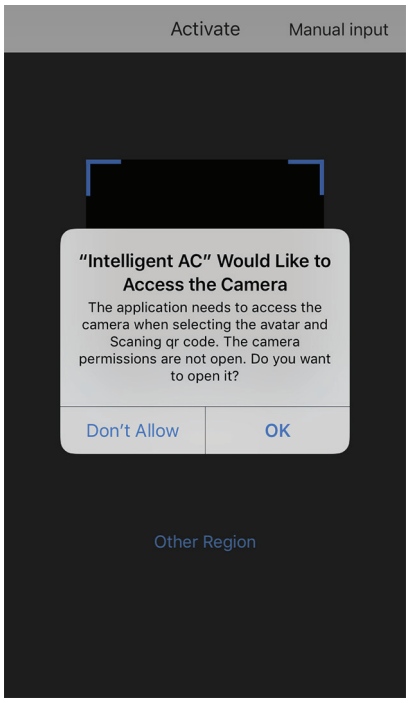
1. Open the App. Allow app access to your camera and storage.
2. Select Server (Other Region recommended) and Confirm.





3. **Activation**

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

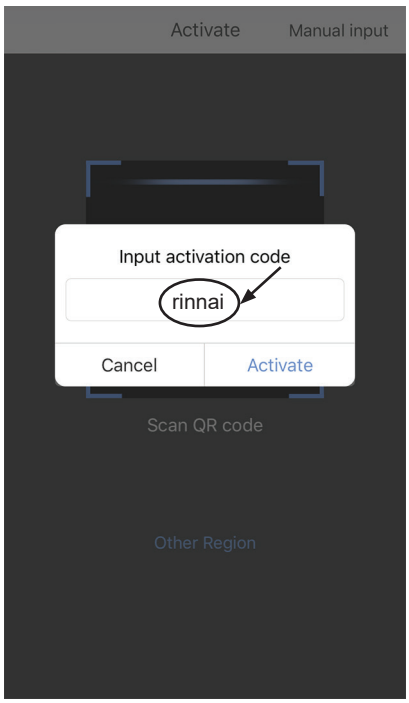


NOTE **Rinnai doesn't collect and keep any confidential information from customers.**

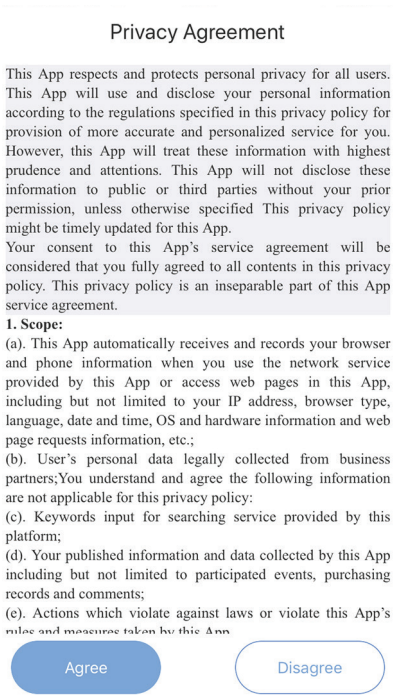
QR code method - Select ***OK*** to give the app permission to use the mobile device's camera to capture the QR code below

Activation code method - Select 'Manual input' and type ***rinnai*** into the ***enter activation code*** field and select ***activate***.

Rinnai



Select ***Agree*** and App privacy agreement page is displayed briefly.



A ***Rinnai*** welcome page is displayed briefly to confirm a successful activation.

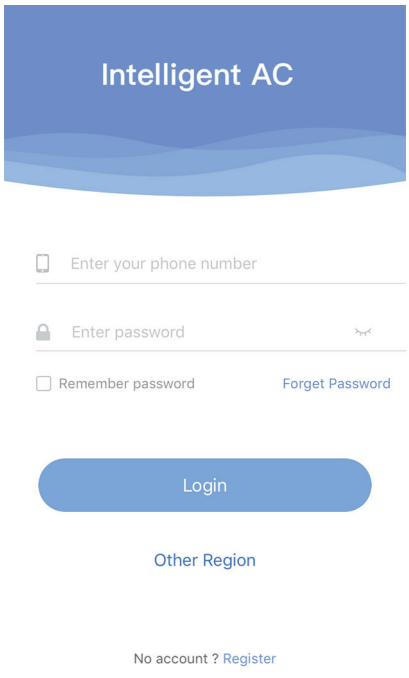


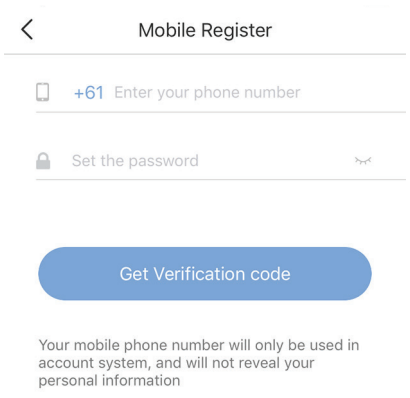
4. User registration

For the first time user, select ***Register***.

Enter your phone number and create your own password.

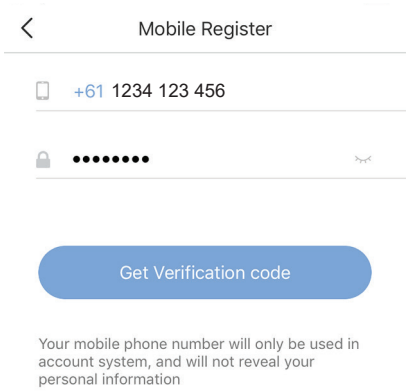
Password must contain alphabet and numerals and requires a minimum of eight characters in length.



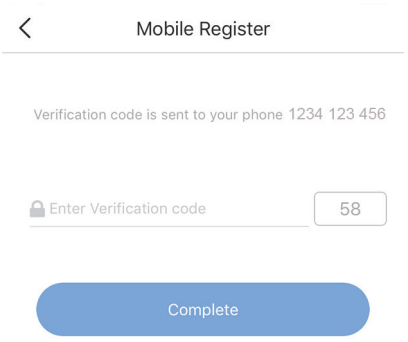


NOTE **Make sure you choose Australia as country code +61.**

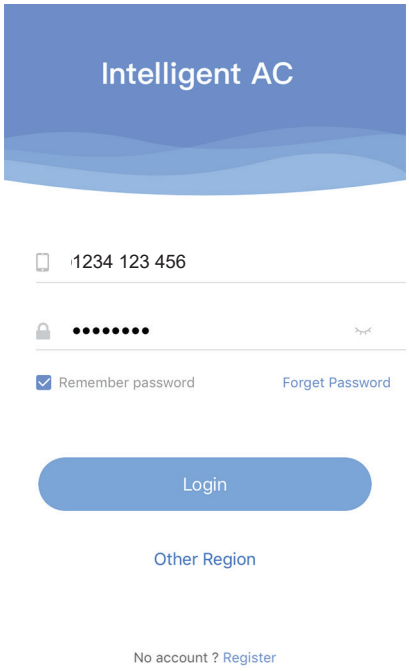
Select ***Get Verification code***, and a code will be sent to your smart phone.



Enter the code within 59 seconds and select ***Complete***.



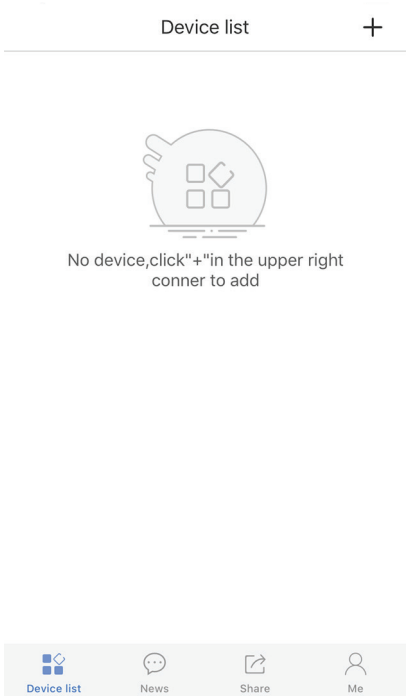
Login – Enter your mobile number and password, select ***Login***.



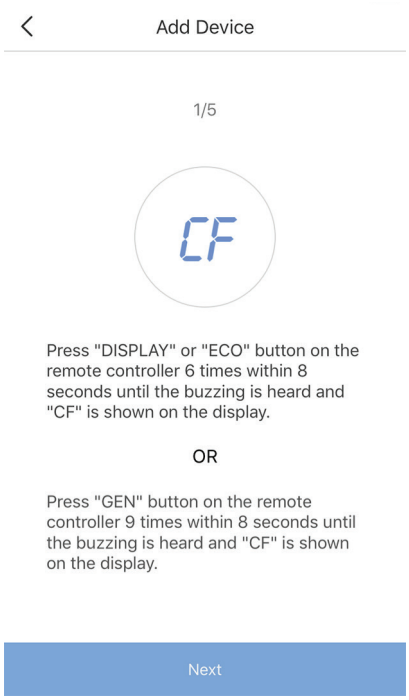
ADD DEVICE

Turn on the Air Conditioner that is to be paired, then activate the Wi-Fi module by pressing the ***Eco*** or ***Display*** button on the remote control 6 times. A beep confirms that the Wi-Fi module is activated and will be available to pair for 30 minutes.

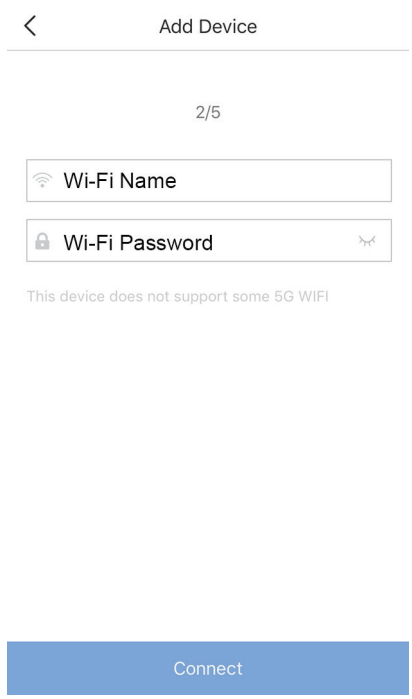
Select + and Choose ***Add Device***



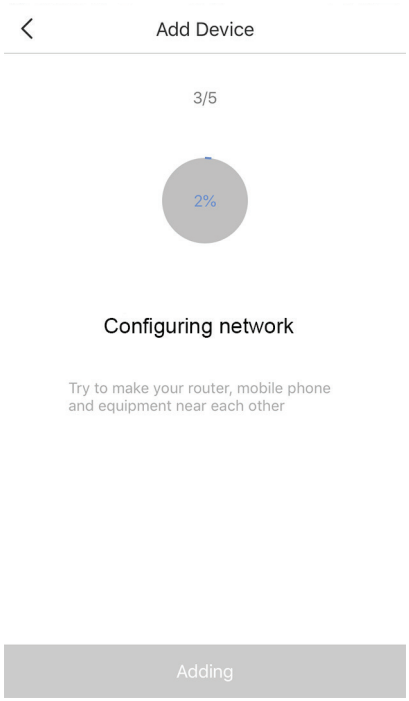
Select ***Next***

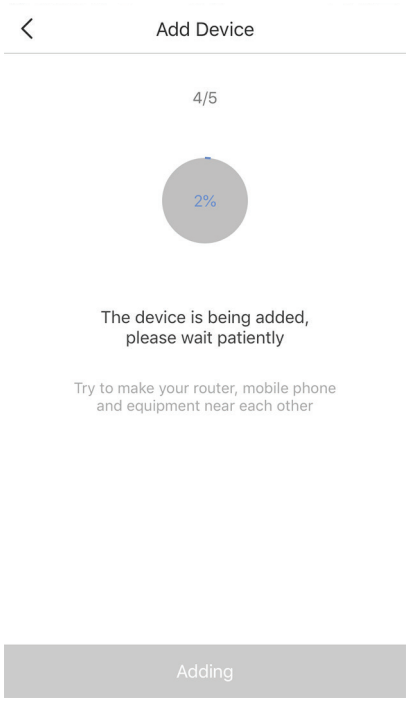


Enter the name of network and password of the desired Wi-Fi network, and select ***Connect***. Follow the steps shown on the app

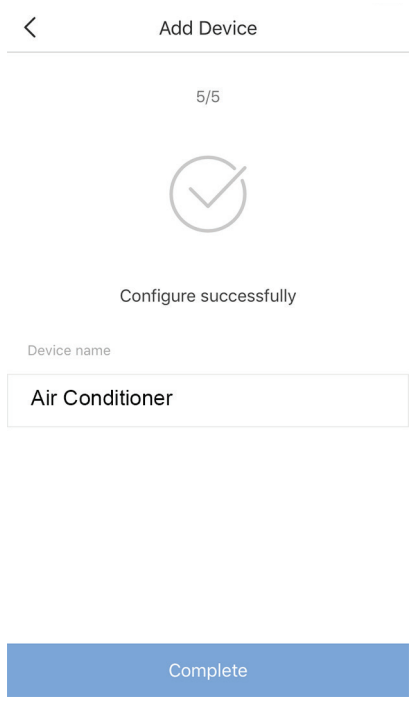


The configuration process may take up to a minute or more depending upon signal strength. The successful page will be shown and you can create your own AC device name.





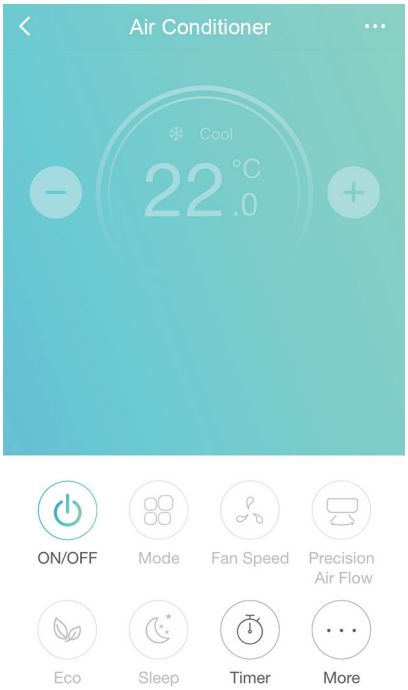
Select ***Complete*** when Configuration is completed. The device list page will display the new AC device.



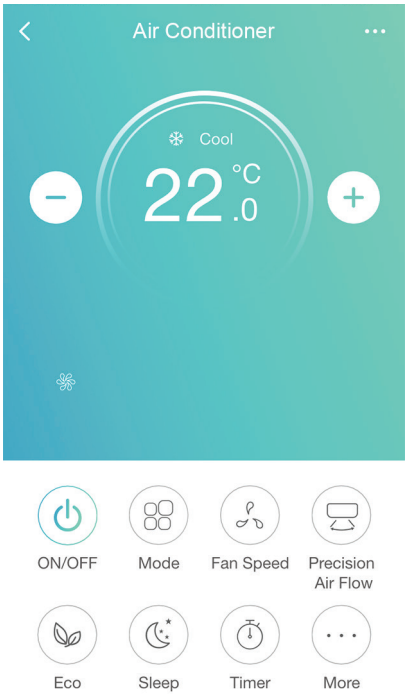
To operate, select the desired AC device that you wish to control in ***Device list*** page.



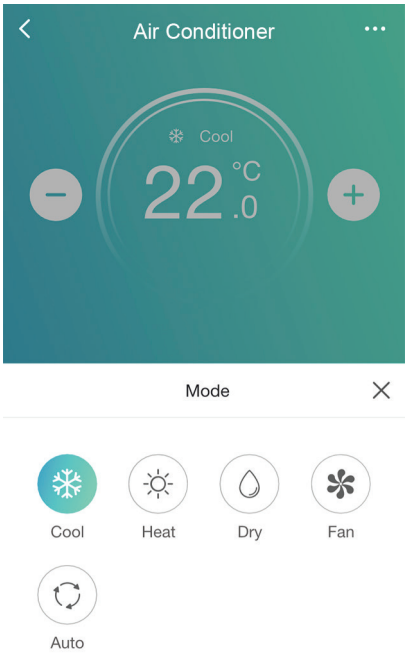
On this screen, all main operational controls can be accessed.



ON/OFF – Turn the appliance on or off.



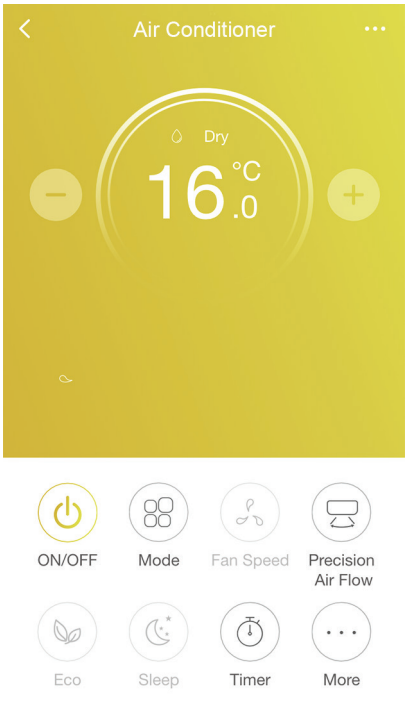
Operation Mode – Select the operation mode: Cool, Dry, Fan, Auto.



Mode – Cool

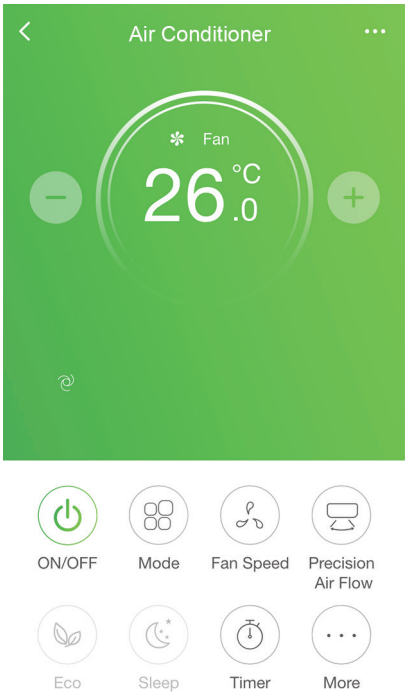


Mode – Dry

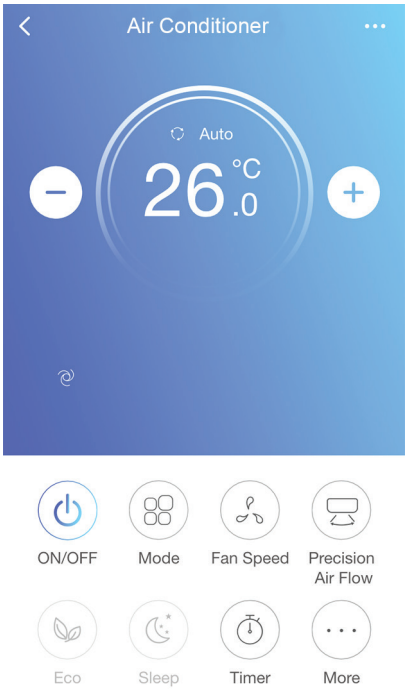


NOTE **Heat mode is not applicable for this series.**

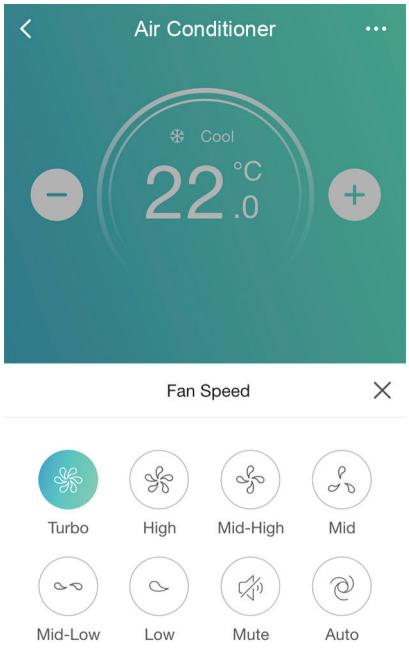
Mode – Fan Only



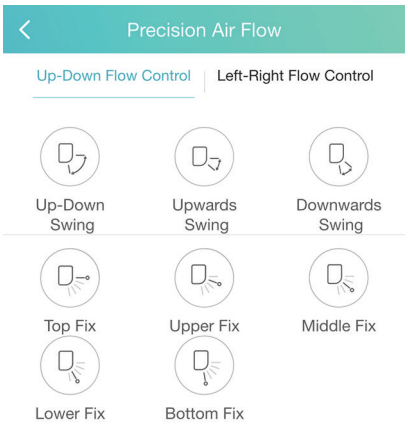
Mode – Auto

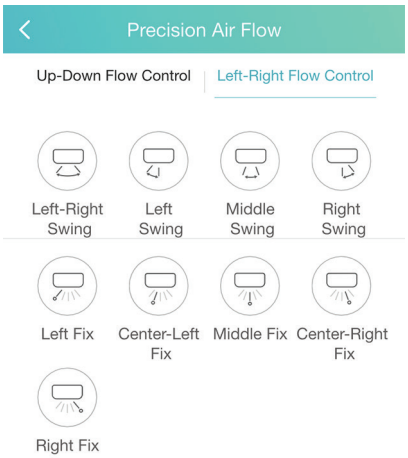


Fan Speed – Adjust the fan speed.

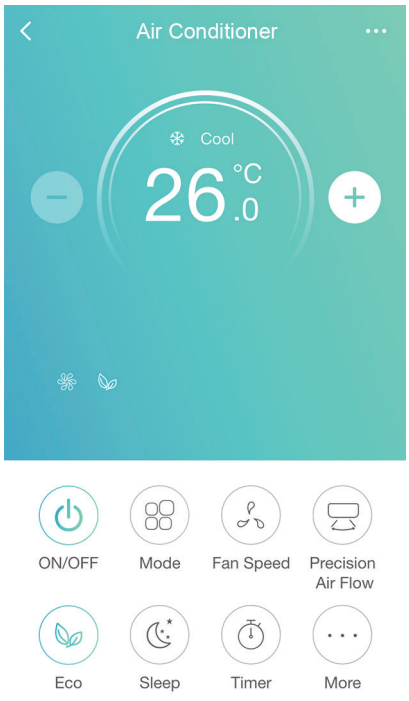


Swing (Precision Air Flow) – Adjust the air flow direction vertically and horizontally for an even air circulation or a fixed direction.

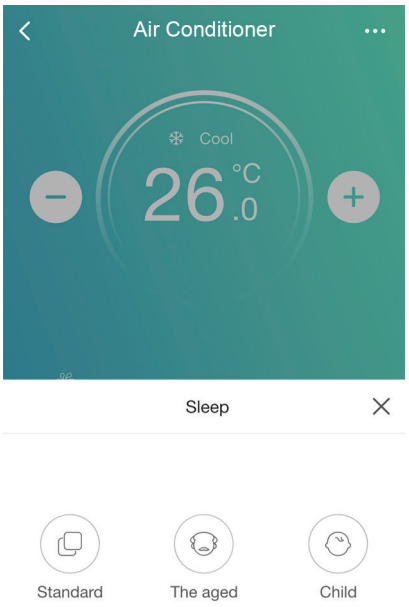


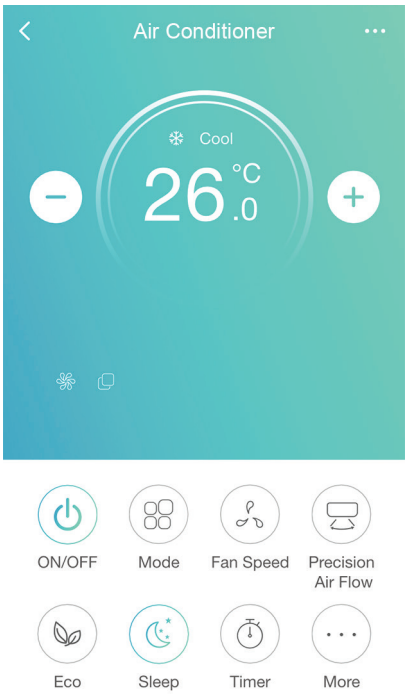


Economy (Eco) – Sets appliance to the most efficient operation automatically.

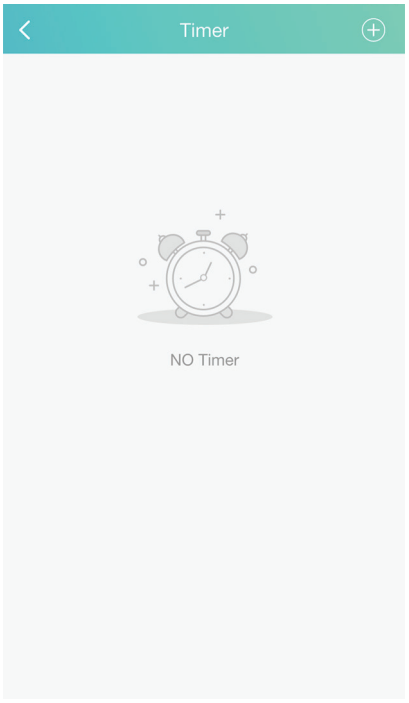


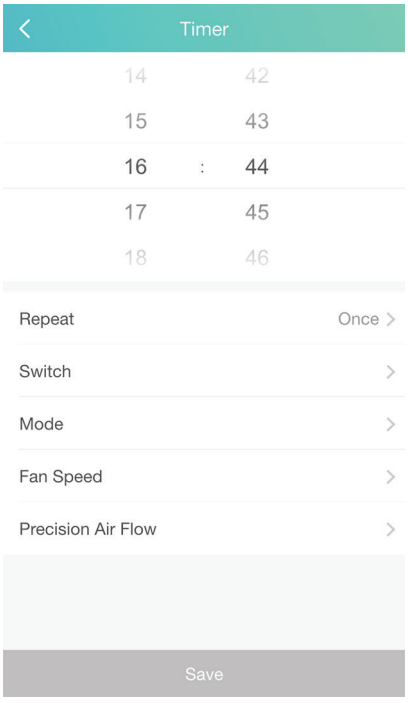
Sleep – Sets the sleep mode auto operation. Select suitable scenario.





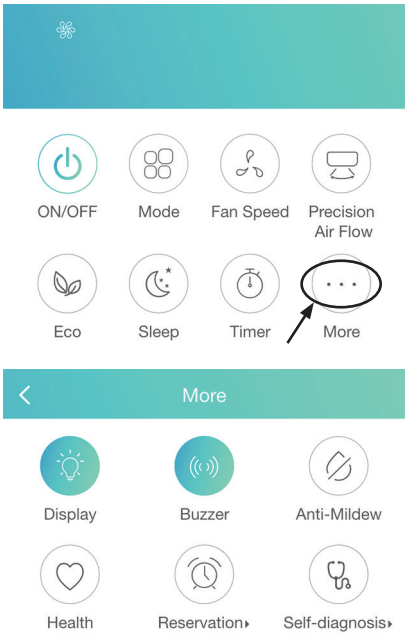
Timer – Sets the count-down timer to turn the appliance ON / OFF.





Set the mode, temperature, fan and swing setting you wish the appliance to operate with when the "ON' time period is reached.

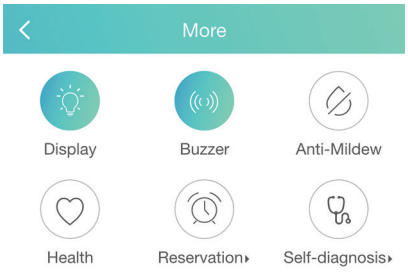
Additional Operation Functions – Press ***More*** to enter more operation options on the page.



Display – Turns the large digital display on or off which is built into the appliance. It also illuminates through the front cover of the indoor unit.



Buzzer – Turns on/off beeping when operating the App.

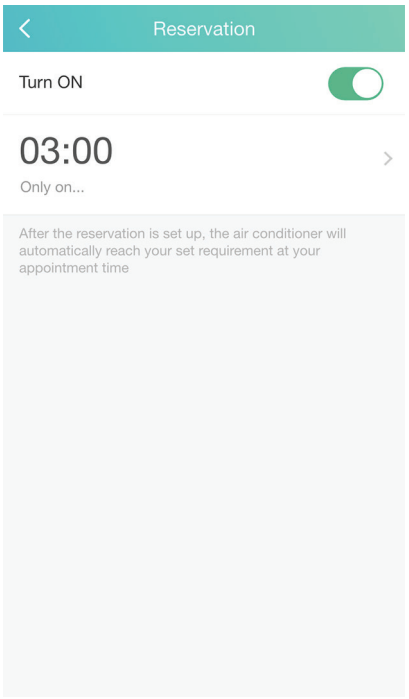


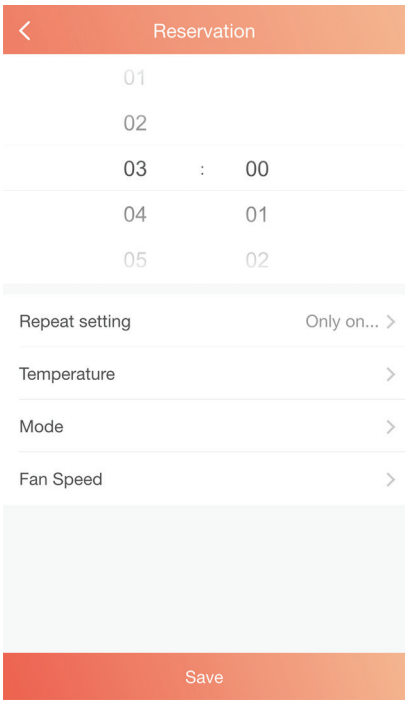
NOTE

Anti-Mildew - Not Applicable for this model.

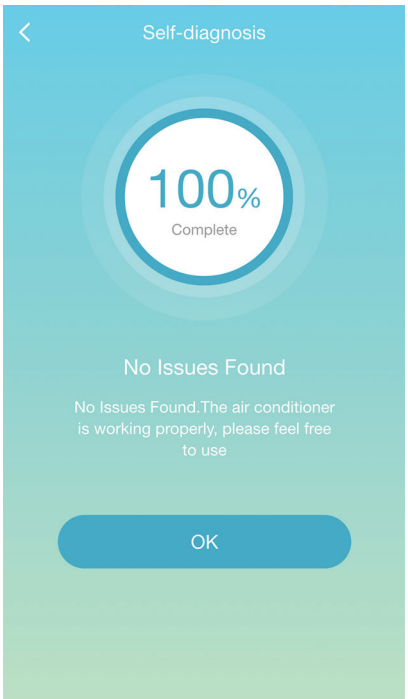
Health - Not Applicable for this model.

Reservation – Pre-set function allowing appliance to run automatically at your favourite setting.





Self-diagnosis – Check the status of the appliance.



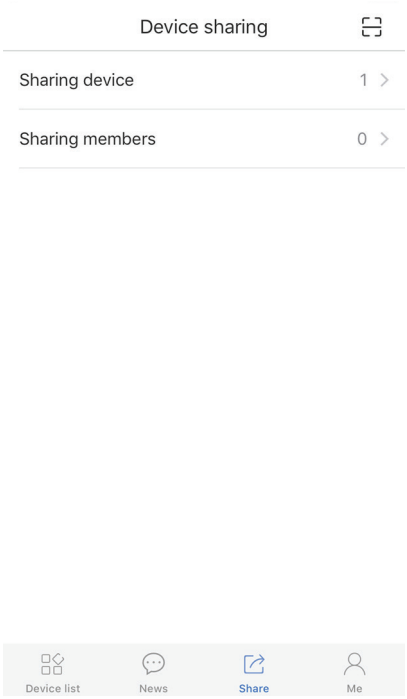
Direct access to the previous ***Device list*** page.

Select **+** button to pair with additional devices.

Select ***News*** to read new messages for your appliance.



Share – Follow steps on screen to share paired AC device.

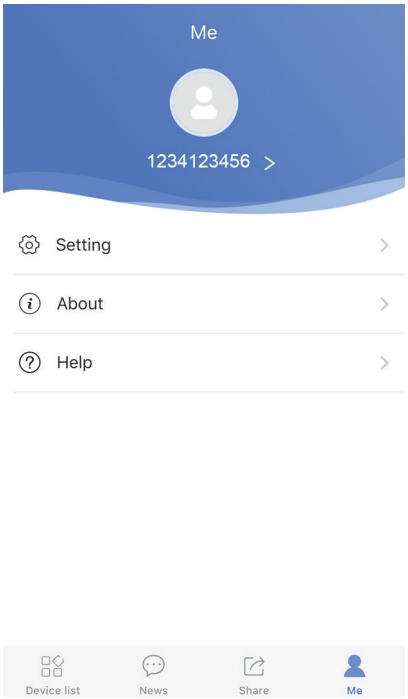




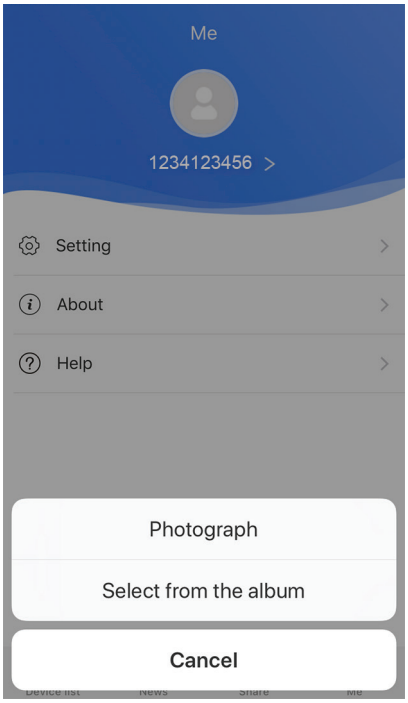


Note: QR code shown above is a sample only.

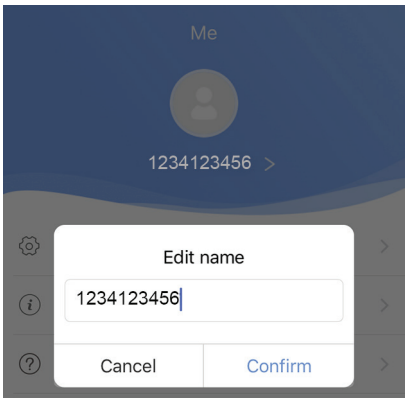
Me (Account)



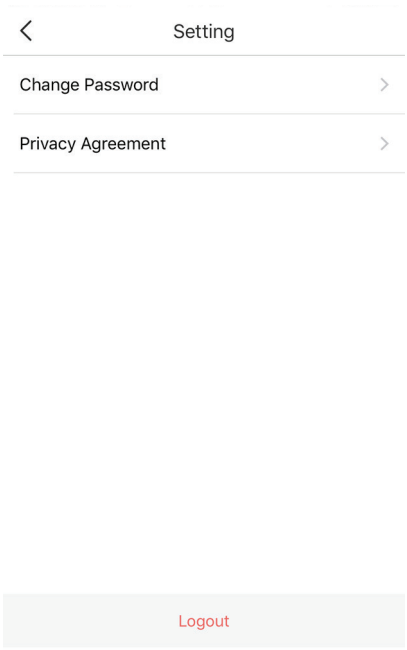
Select photos to add/change for people set up as users.

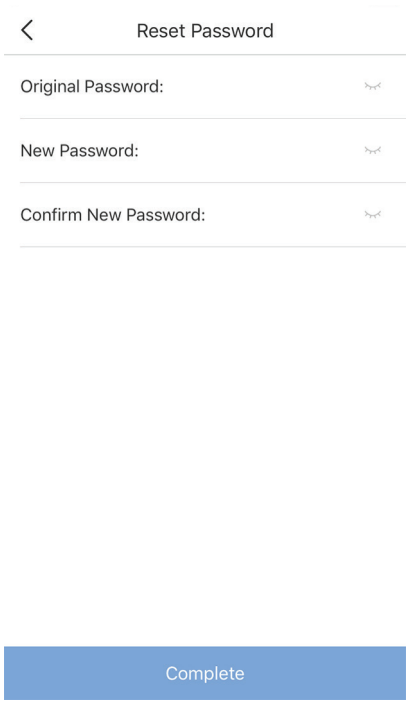


Select numbers to edit name.

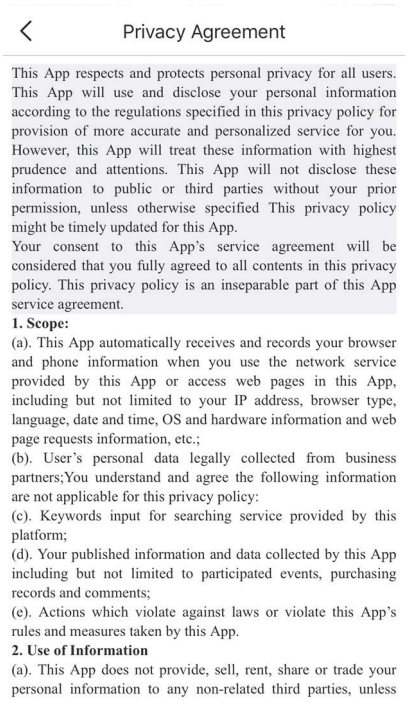


Select Setting to Reset Password.

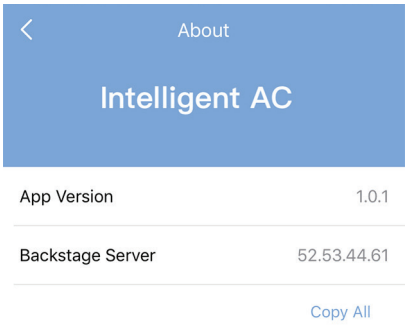




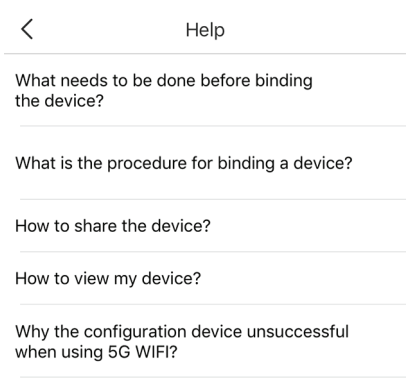
Select to view Privacy Agreement.



Select ***About*** to see App version and Server.



Select ***Help*** to find common question answers.

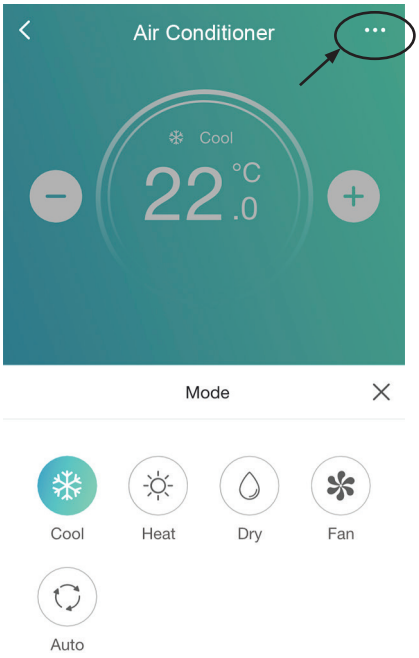


Device details – Goes back to the previous ***Device list*** page.

Select ***Name*** to enter the AC device's operation pages.

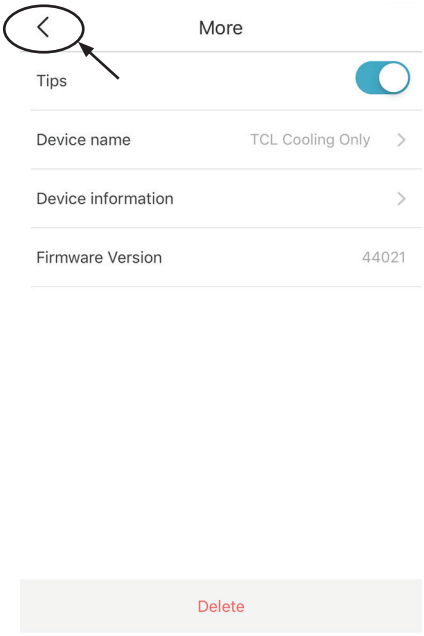


Select ***three dots*** to enter the Device information page.



Device information – Turn/Off Tips, Edit Device name, Read Device information and Firmware Version.

Select ***Delete*** to remove this device from the list.



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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.