

SPLIT-TYPE ROOM AIR CONDITIONER

WiFi Operation Manual



APAC HSNAP Series

System Model	Indoor	Outdoor
HSNAP25	HINAP25	HONAP25
HSNAP35	HINAP35	HONAP35
HSNAP50	HINAP50	HONAP50
HSNAP70	HINAP70	HONAP70
HSNAP80	HINAP80	HONAP80

IMPORTANT NOTE:

Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

TERMS & CONDITIONS

1. DEFINITIONS

App means the TFIAC App you can download to your Device to operate your APAC HSNAP 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 iOS6.0+) through which you have downloaded the App.

APAC HSNAP Series means a HSNAP Series split-type room air conditioner, comprising the following models:

APAC HSNAP Series	HSNAP25	HSNAP35	HSNAP50	HSNAP70	HSNAP80
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Rinnai, we, our or us means Rinnai Australia Pty. Ltd.

APAC is a brand of Rinnai Australia Pty. Ltd.

WiFi Operations Manual means this WiFi operations manual which details how to download and operate the App.

You or your means a customer who uses the APAC HSNAP 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 WiFi 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 APAC HSNAP 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 WiFi Operations Manual to operate the APAC HSNAP 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 APAC HSNAP 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 APAC HSNAP 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.

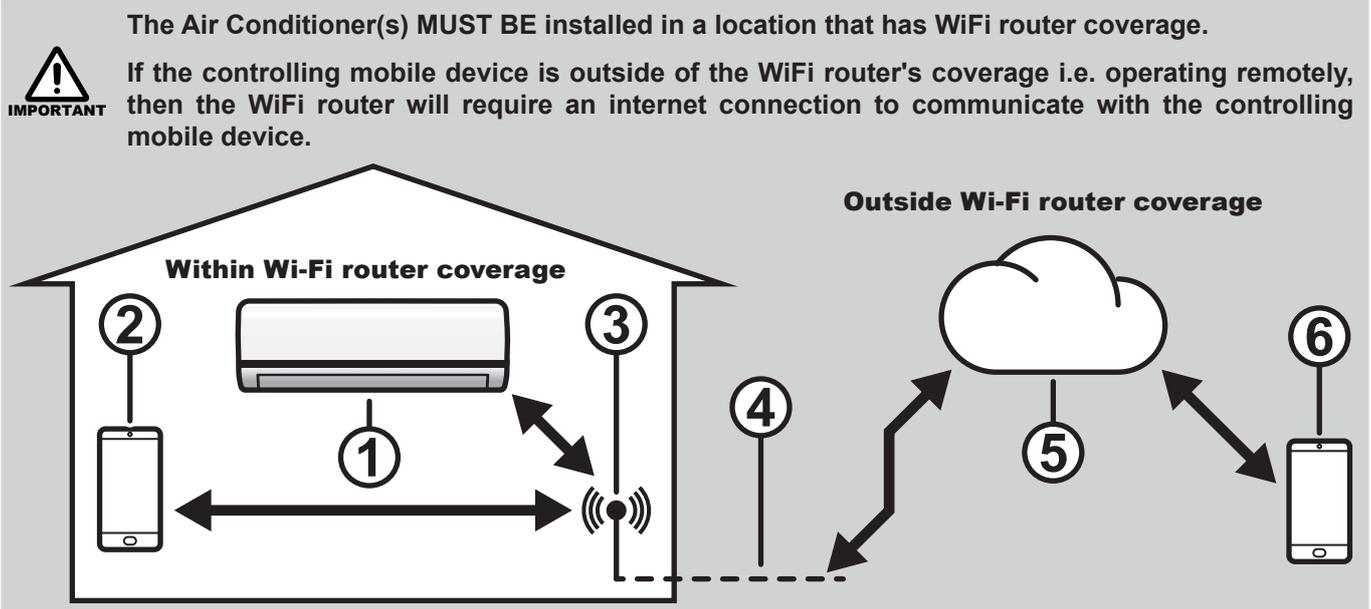
8. FORCE MAJEURE

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 APAC HSNAP Series inoperable.

WiFi COMPATIBILITY / CONNECTIVITY

APAC Split Type Wall Mounted Air Conditioner models HSNAP25 / HSNAP35 / HSNAP50 / HSNAP70 / HSNAP80 are fitted with built-in WiFi connectivity. Using the TFIAC App (available from Apple App Store or Google Play) it is then possible to use a smart phone or tablet to operate these appliances remotely.

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



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

MINIMUM REQUIREMENTS

- APAC Split Type Room Air Conditioner models: HSNAP25, HSNAP35, HSNAP50, HSNAP70 and HSNAP80
- WiFi Router, 2.4G frequency range supporting 802.11b/g/n mode, with coverage of the Appliance(s) location
- For remote cloud based operation WiFi router / modem with active internet connection
- Smart phone / Tablet (Android 4.0+ or Apple iOS 6.0+) with App installed



Or search for TFIAC in Google Play / Apple App Store

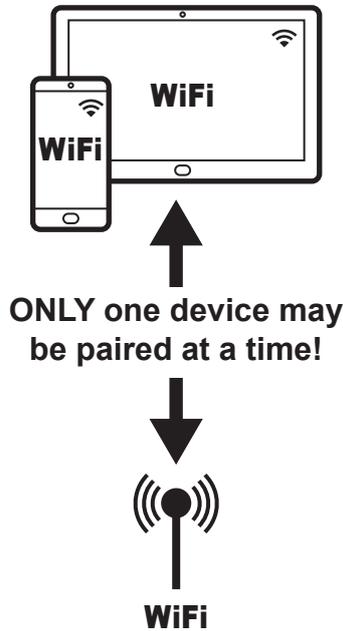
WiFi SET UP

Pairing With a Mobile Device & WiFi Network

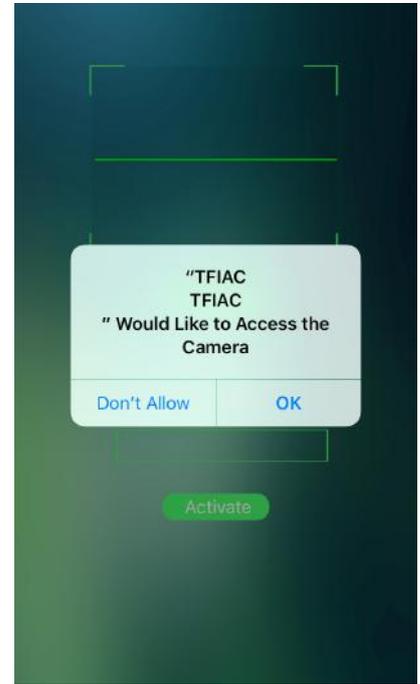
1. Follow the instructions provided with the Air Conditioner to turn on the Air Conditioner that is to be paired.



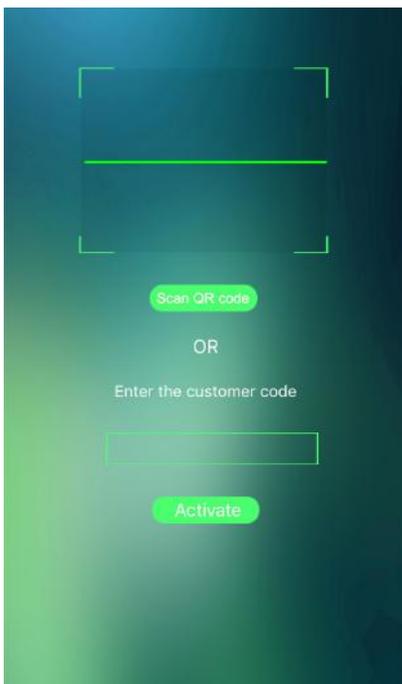
2. Select the mobile device for pairing (for best results only pair one mobile device and one AC device at a time).



3. Open the App, if prompted, give the App permission to use the mobile device's camera.

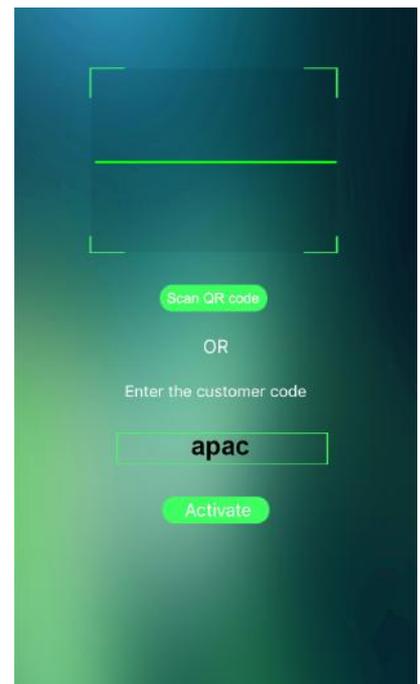


4. Before the App can be used it will need to be activated, by either a **QR code** or by an **Activation code**.



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

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



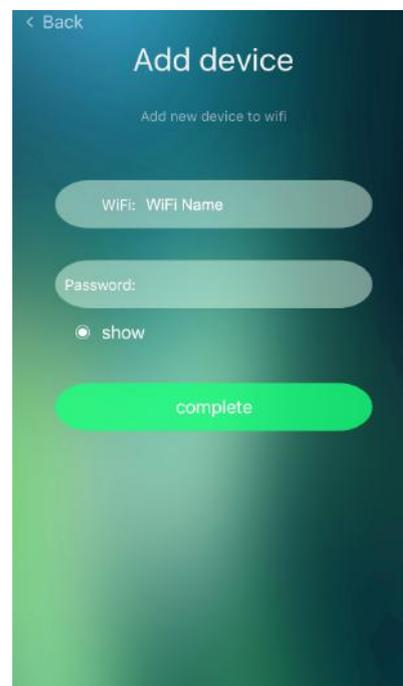
Please note that if so prompted, give the App permission to use the mobile device's camera.

The activation code is case sensitive (all lower case).

- An **APAC** welcome page is displayed briefly to confirm a successful activation.

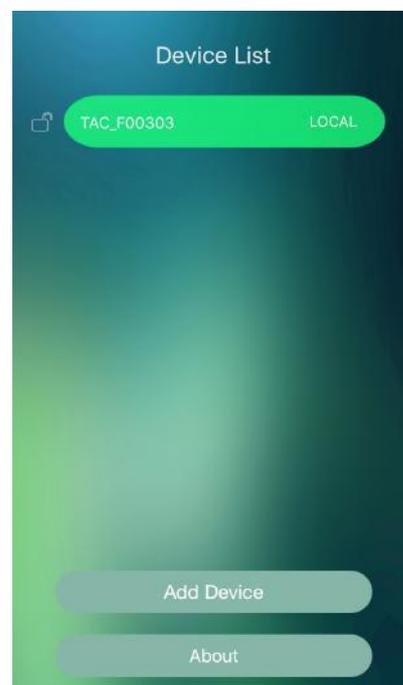
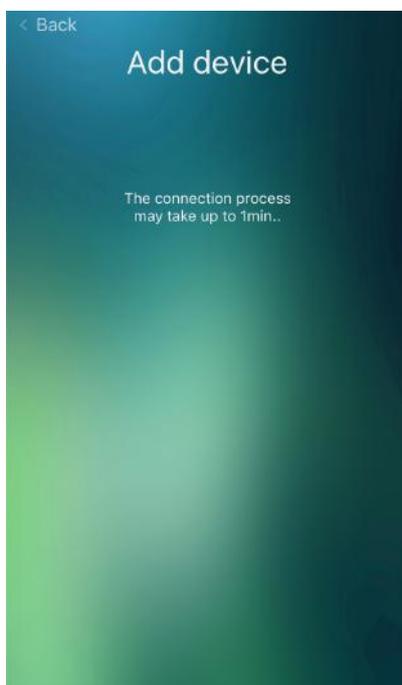
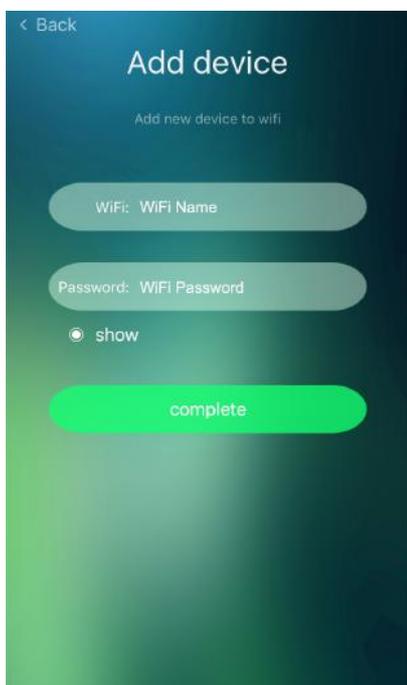


The Device List page will open, select **Add device** to continue on to the configuration page and the name of WiFi network selected in step 2 will automatically fill the **WiFi name:** field to confirm that this network was found.



- Enter the password for the WiFi network into the **Password:** field and select **Start the configuration.**

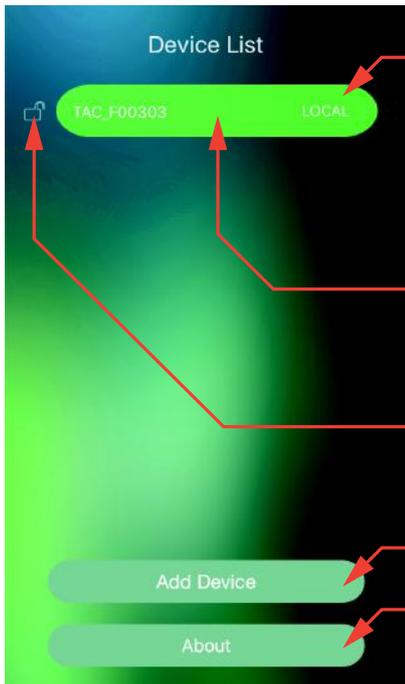
The configuration process may take up to a minute or more depending upon signal strength. The Device List page will be displayed with the new AC device listed when configuration is complete. Repeat steps 1, 6, 7 & 8 to add additional AC devices to the current mobile device.



If the configuration is unsuccessful, confirm that WiFi network is still up. If the WiFi network is working correctly then repeat steps 1, 6 7 and 8.
 If configuration continues to fail contact Rinnai.
 Repeat steps 1 through 8 to pair additional mobile devices.

DEVICE LIST PAGE

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



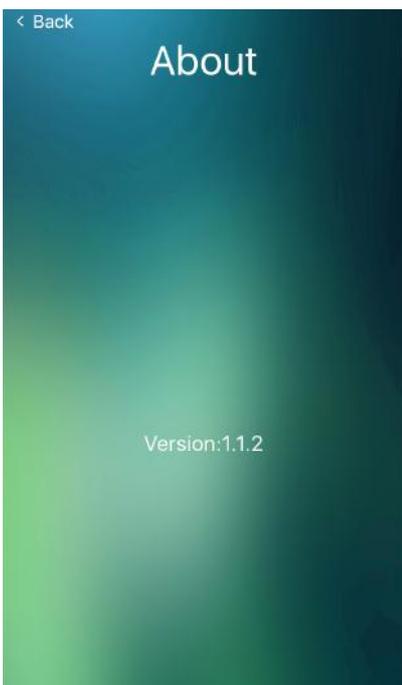
- Connection state display:
 - LOCAL** - connected to Wifi Network
 - OFFLINE** - not connected to Wifi Network
 - REMOTE** - connected remotely to Wifi Network via the cloud
- Select the button with the desired AC devices **name** to enter the AC device's operation pages
- Select **padlock icon** to prevent AC device from being able to be paired with other mobile device's
- Select **Add Device** button to pair with additional AC devices
- Select **About** button to display App version

Device List page allows customising of the App to AC device interface and access to AC device operation.

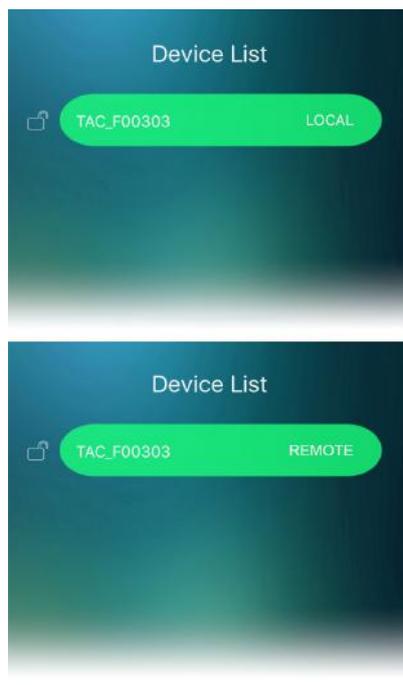


The AC device to be operated **MUST BE** on and connected to the WiFi Network.
 Before exiting, **Save** changes, as all unsaved changes will be **LOST**.
 Locking only restricts the ability to pair any additional mobile devices to an AC device.

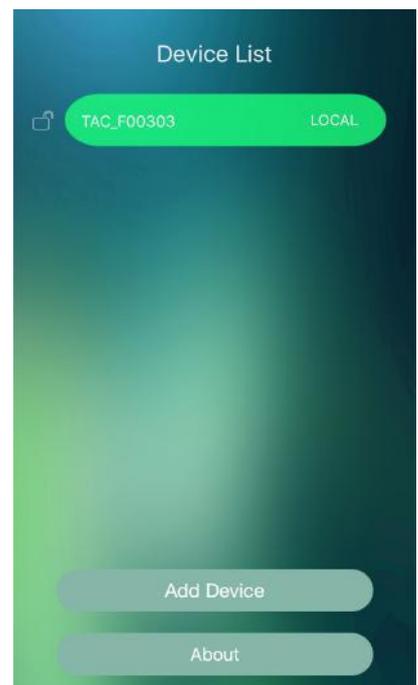
Pressing the **About** button, displays which version of the App is installed on your mobile device, select back to return to the main page.



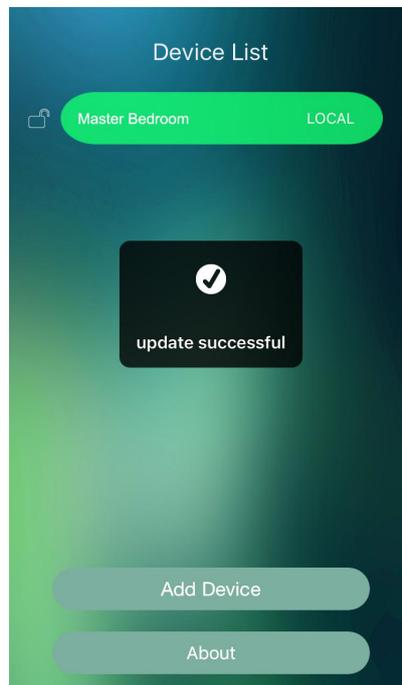
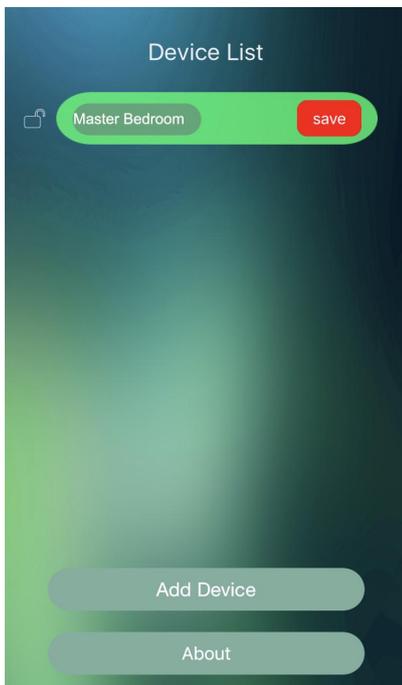
To edit or operate an AC device it **MUST BE** on and connected to the WiFi, with the displayed connection state being **LOCAL** or **REMOTE**



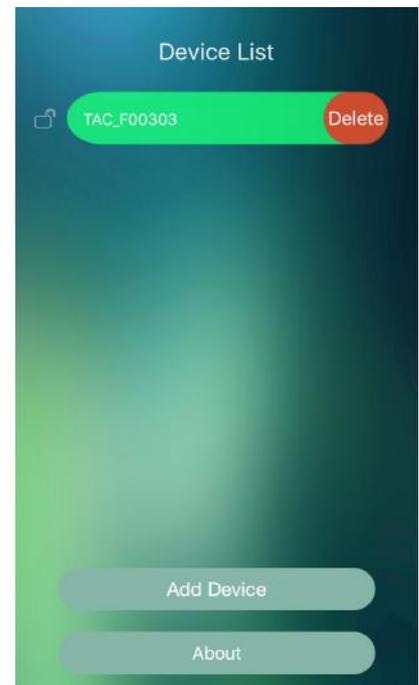
To restrict mobile other mobiles device's pairing access select the **padlock** icon, when open is unlocked, when closed is locked.



To change the AC devices display name, press on the desired device's **name** for 3 seconds. Select the Name text field and type a new name (e.g. Master Bedroom, Upstairs, etc.), then press the **save** to apply the change.



To delete an AC device, slide device name bar to the left and select delete.

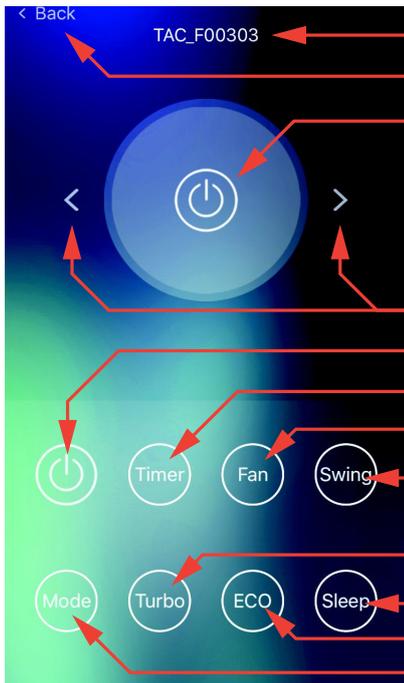


To effect no change simply press the AC device name bar again to exit the name change or delete function.

BASIC OPERATION MODES

STANDBY MODE PAGE

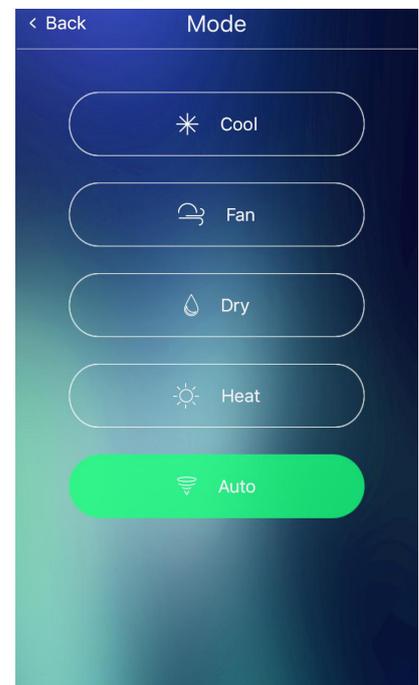
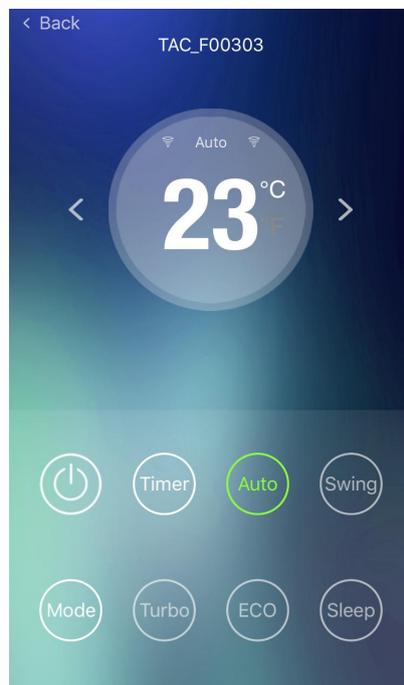
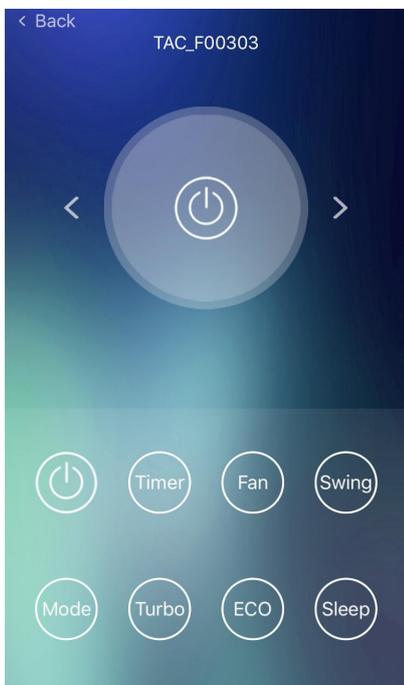
Air Conditioner is plugged in with the power turned on, but is not in an operational mode.



- ← The currently selected AC device's name
- ← Select **Back** button, to return to the Device List page
- ← Operational display, this displays temperature and mode information, upon opening of this page it operates the same as the **On** button
- ← Press to increase or decrease the temperature setting
- ← **On** button, wakes AC device from standby, starts or stops operation
- ← **Timer** button, initiates auto-on / auto-off time sequence
- ← **Fan** button, sets fan speed, Auto / Low / Med / High
- ← **Swing** button, start or stop vertical / horizontal louvre movement (where fitted)
- ← **Turbo** button, activates or deactivates Turbo function
- ← **Sleep** button, activates or deactivates Sleep function
- ← **ECO** button, activates or deactivates ECO function
- ← **Mode** button, used to select the AC device operational mode

AUTO MODE

1. Press the ON button to turn on appliance.
2. Press the Mode button to select Auto.
3. To cancel the "Auto" mode and return the appliance to manual control select another mode.



In **Auto** mode the system will automatically select the Mode as per the table below.

Room Temp'	Set Temp'	Mode
Greater than 27°C	23°C	Cooling Mode
20°C to 26°C	18°C to 24°C	Dry Mode
Less than 20°C	23°C	Heating Mode

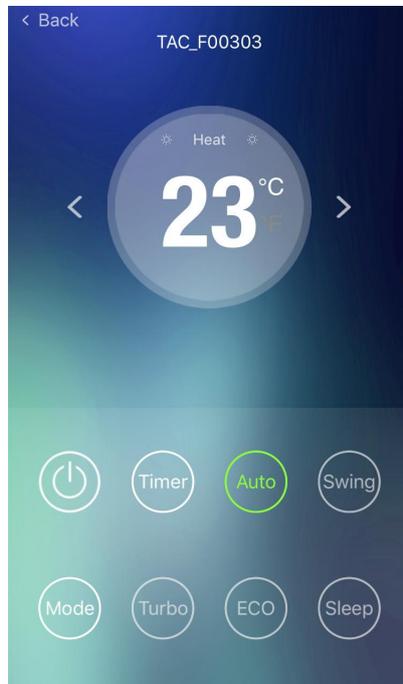
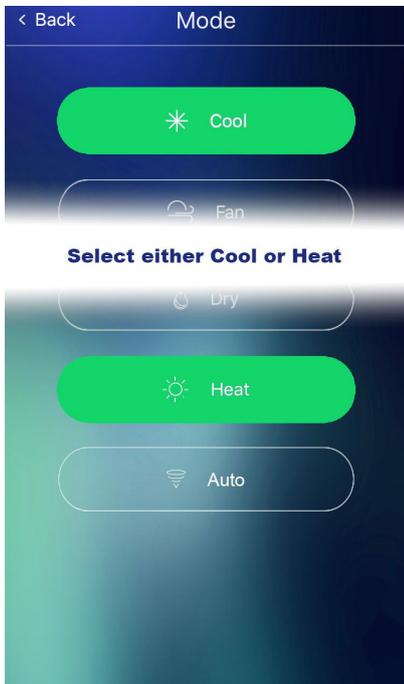


NOTE

When operating in Auto mode, the temperature can not be adjusted, Turbo and ECO functions are also not available.

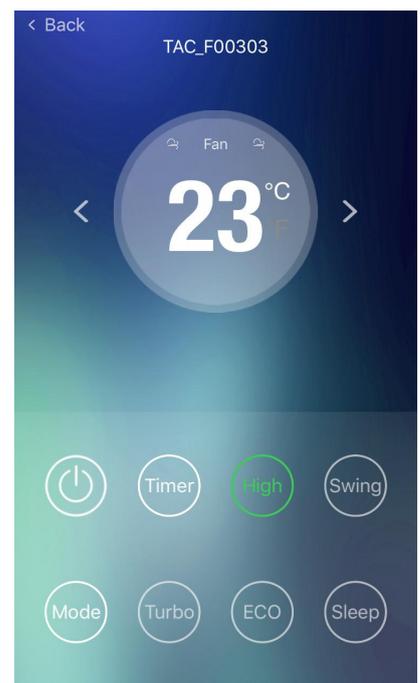
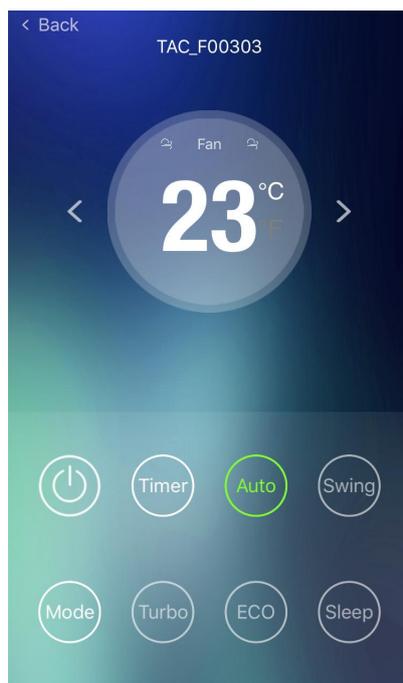
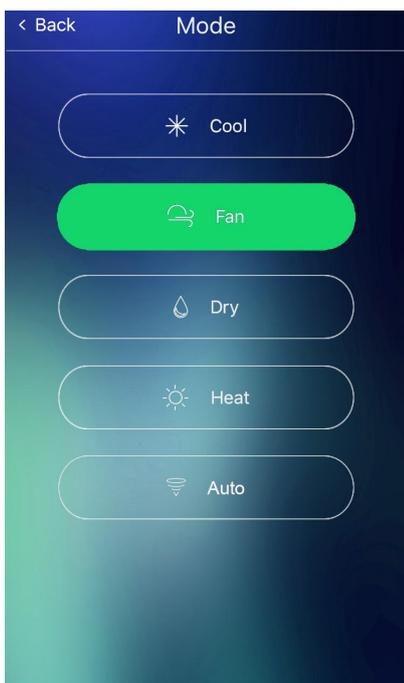
COOLING & HEATING MODES

1. Press the Mode button and select either **Cool** or **Heat**.
2. Press < or > button to set the desired temperature. The temperature can be set within a range of 16 ~ 31°C in 1 increments.
3. Press the FAN button to select the desired fan speed from **Auto**, **Low**, **Med**, or **High**, the default fan speed setting is **Auto**.



FAN MODE

1. Press the Mode button and select **Fan**.
2. Press the FAN button to select the desired fan speed from **Auto**, **Low**, **Med**, or **High**, the default fan speed setting is **Auto**.

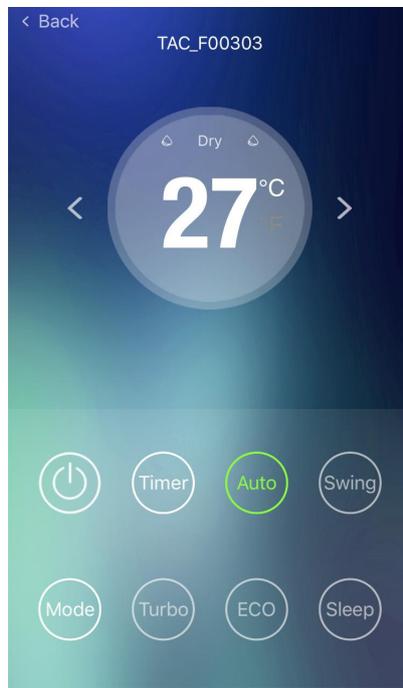
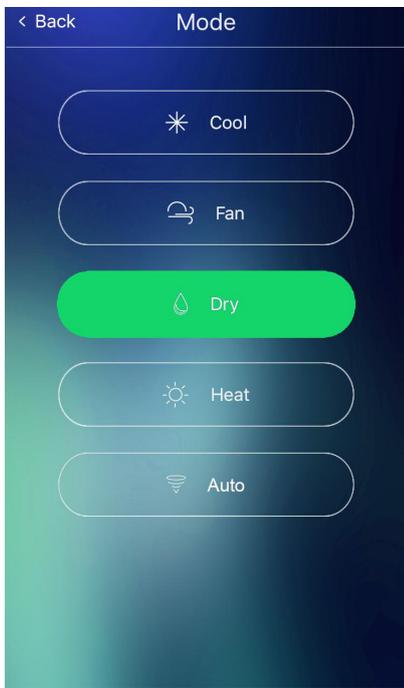


When operating in Fan mode, the temperature can not be adjusted, Turbo and ECO functions are also not available.

DRY MODE

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

1. Press the Mode button and select **Dry**.



When operating in Dry mode, the temperature and fan speed can not be adjusted as these are It is automatically controlled by the unit. Turbo and ECO functions are also not available.

ADVANCED OPERATION MODES

TIMER OPERATION

There are two types of timers that can be set to control AC operations automatically at desired time intervals:

Timer on turns on the AC appliance at specified times and or days using a set of pre-selected parameters.

Timer off turns off the AC appliance at specified times and or days.

Both the on and off timers can be set for either a single non-repeating operation or for continued periodic operation.

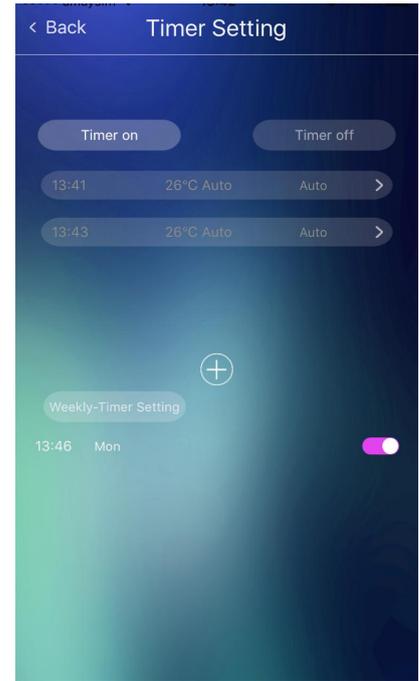
Non-Repeating Timers

Run once, after completion of the timer operation will remain saved yet inactive until edited or deleted. Saved non-repeating timers are listed on the top half of the Timer Setting page.

Periodic Timers

Remain active until turned off or deleted. Saved periodic timers are listed on the bottom half of the Timer Setting page.

To turn off an active periodic timer tap the on / off switch to the right of the listing to be turned off.



When any of the **Weekly-Timer Setting** options are selected then a periodic timer will be created.

CREATING AN ON TIMER

Available On Timer Setting Parameters

On Time - sets the time the appliance will turn on

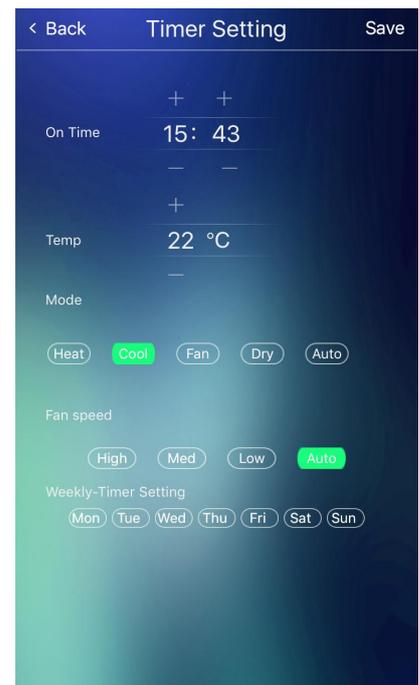
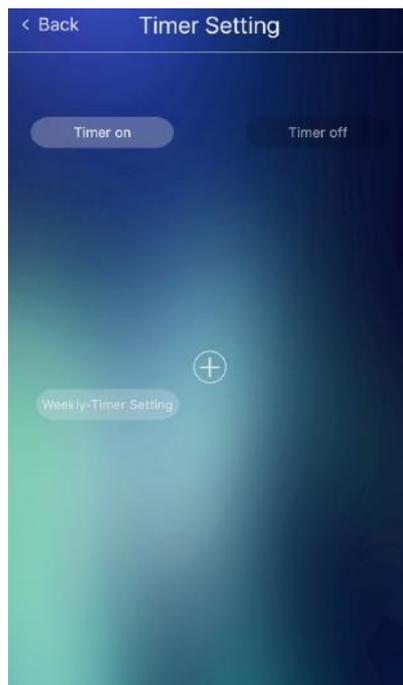
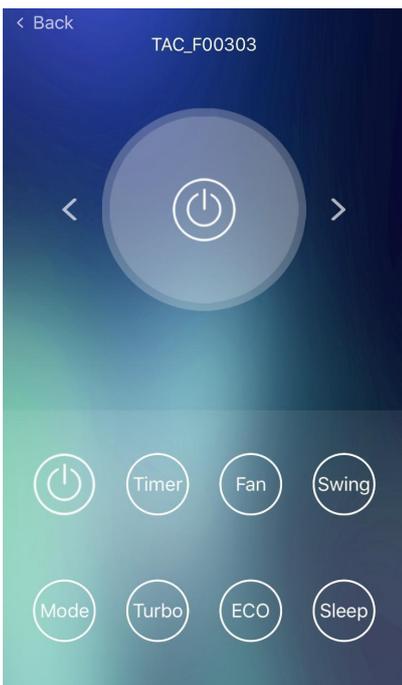
Temp - sets the temperature

Mode - sets the operational mode

Fan speed - sets the Fan speed

Weekly-Timer Setting - sets periodic repeat operation

1. Press the **Timer** button to open the Timer Setting page.
2. Select the **Timer on** tab and press the **plus (+)** symbol to create a new timer setting, using the desired Timer Setting parameters.



3. Tap **Save** to create the new timer and return to the **Timer Setting** list page.

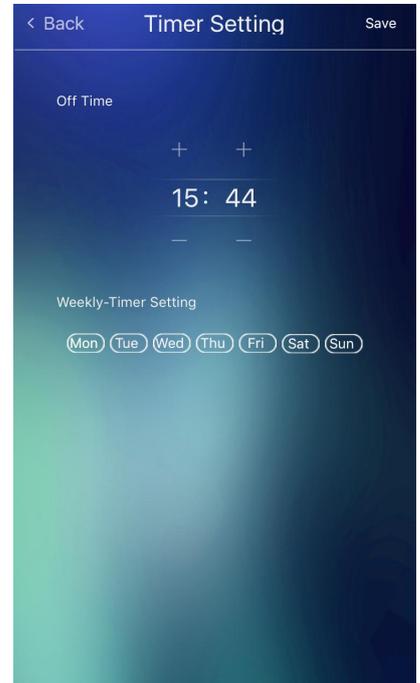
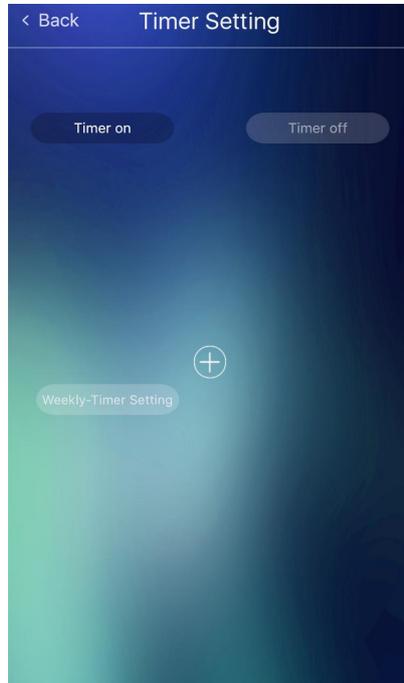
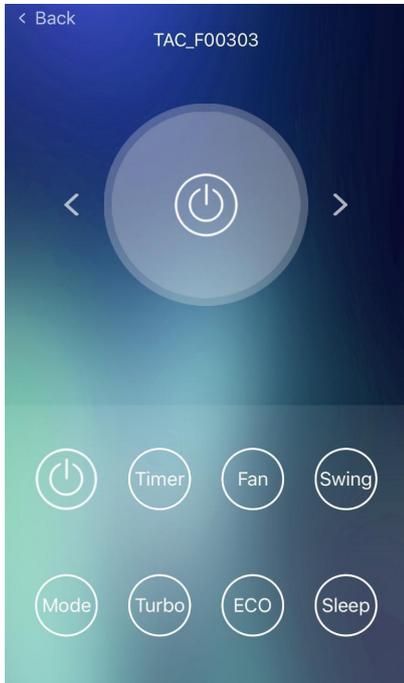
CREATING AN OFF TIMER

Available Off Timer Setting Parameters

Off Time - sets the time the appliance will turn off

Weekly-Timer Setting - sets periodic repeat operation

1. Press the **Timer** button to open the Timer Setting page.
2. Select the **Timer off** tab and press the **plus (+)** symbol to create a new timer setting, using the desired Timer Setting parameters.

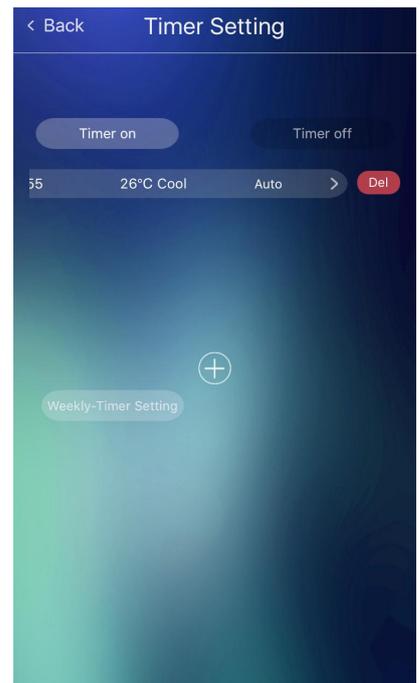
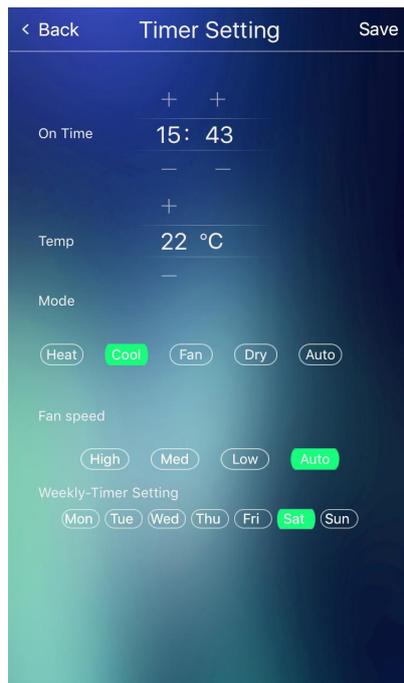
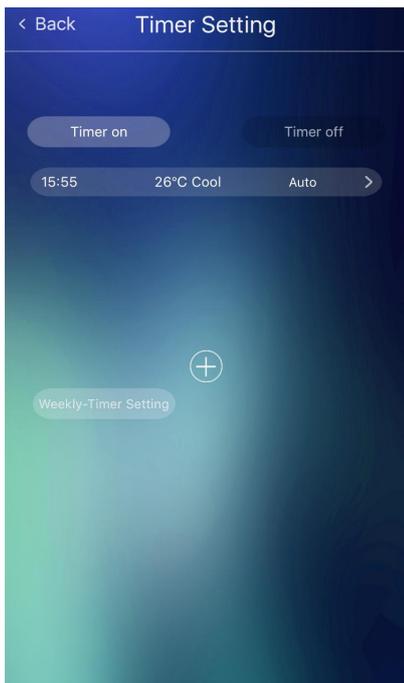


3. Tap **Save** to create the new timer and return to the **Timer Setting** list page.

EDITING AND DELETING ON TIMERS

To edit an existing listing from the **Timer Setting** list page, tap on the name of the desired listing, this will open the Timer Setting parameters page.

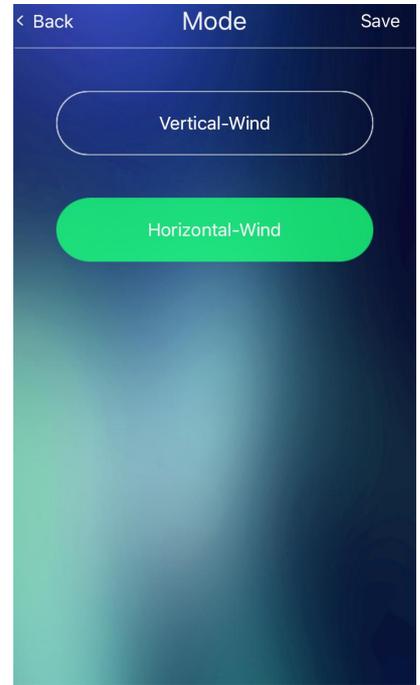
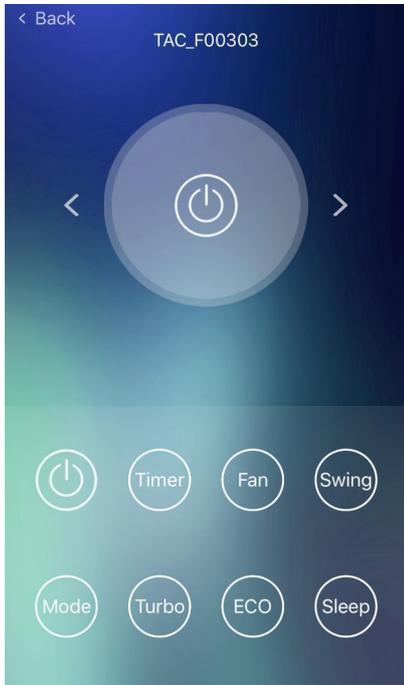
To delete listings swipe the selected listing to the left and select Del.



To reactivate a saved timer select **Save**. To exit at any stage without saving changes press **Back**. Non-repeating timers may be edited to become a periodic timer by checking one or more of the **Weekly-Timer Setting** options.

SWING MODE

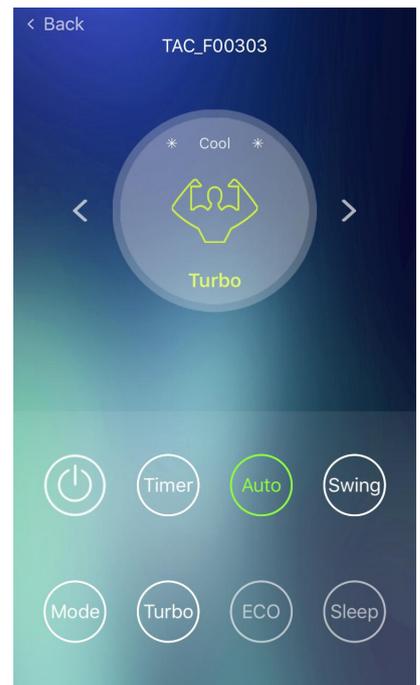
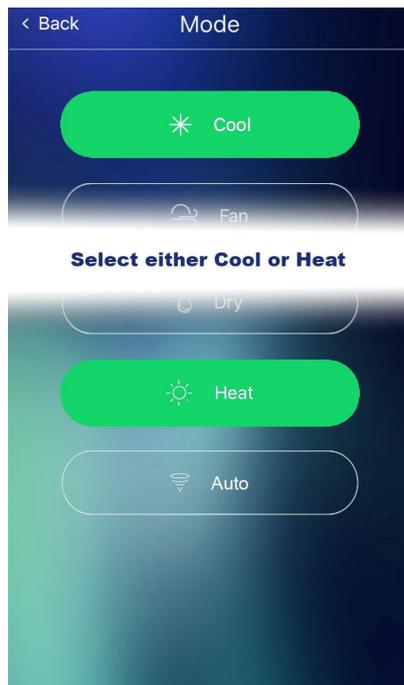
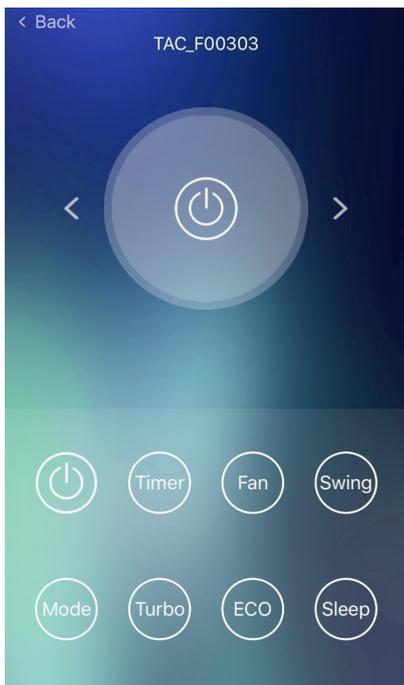
1. To start or stop swing motion of the louvres, press the **Swing** button to open the Swing page.
2. To start or stop up/down swing of the louvres press the **Vertical-Wind** button.
3. To start or stop left/right swing of the louvres (where fitted) press the **Horizontal-Wind** button.



TURBO MODE

This mode allows you to cool indoor air quickly in summer or warm it quickly in winter.

1. Confirm that either **Cool** or **Heat** modes are selected, turbo operation is not available Turbo mode is not available in any other mode.
2. Press **Turbo** button to turn on Turbo function



In turbo mode the fan is set to operate at the maximum output. Attempting to alter the fan speed during TURBO mode operation will cancel this mode and return the appliance to manual operation.

ADVANCED OPERATION MODES

TURBO MODE OPERATING PARAMETERS

In COOLING mode, the unit is set to 16°C, auto fan speed and continuous circulation of vertical & horizontal flow.

In HEATING mode, the unit set to 31°C, auto fan speed and continuous circulation of vertical & horizontal flow.

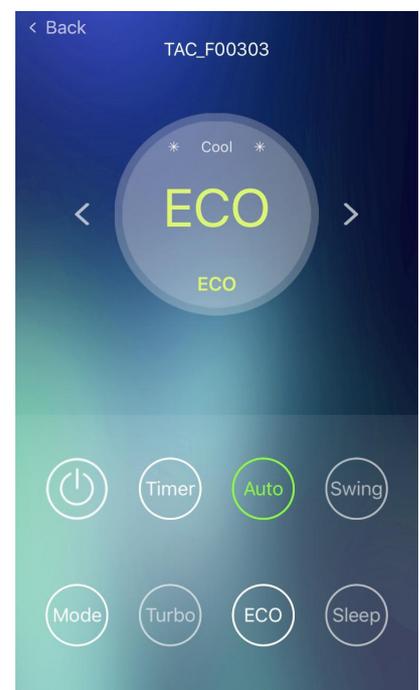
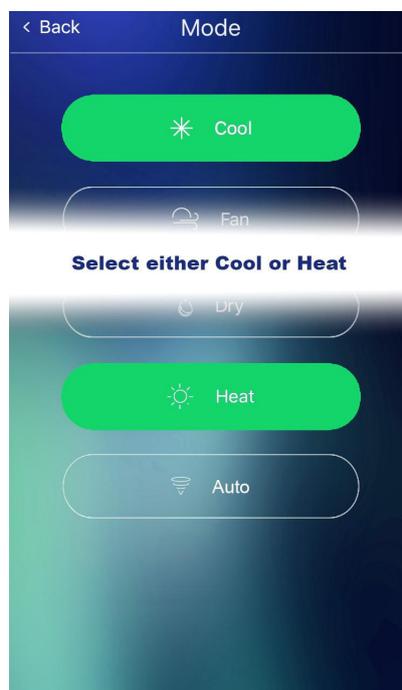
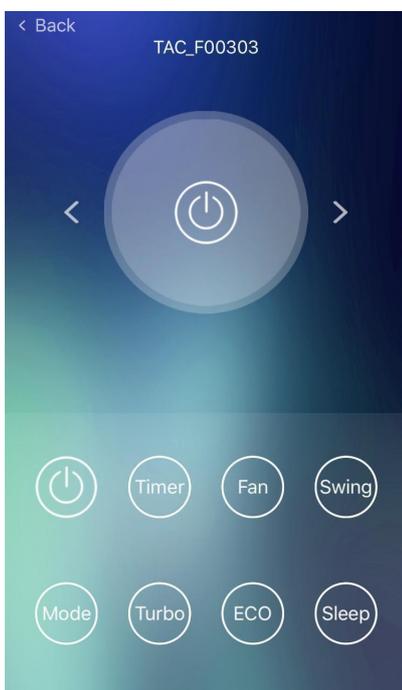


Once the room temperature has reached a comfortable level, press the **Turbo** button again to deactivate the Turbo function and return the AC appliance back to normal cooling or heating operation.

ECO MODE

In this mode the appliance automatically sets the operation to achieve the most economical cooling or heating of the room.

1. Confirm that either **Cool** or **Heat** modes are selected, ECO mode is not available in any other mode.
2. Press **ECO** button to turn on ECO function



In turbo mode the fan is set to operate at the maximum output. Attempting to alter the fan speed during TURBO mode operation will cancel this mode and return the appliance to manual operation.

Press the **ECO** button again to deactivate the ECO function and return the AC appliance back to normal cooling or heating operation.

SLEEP MODE

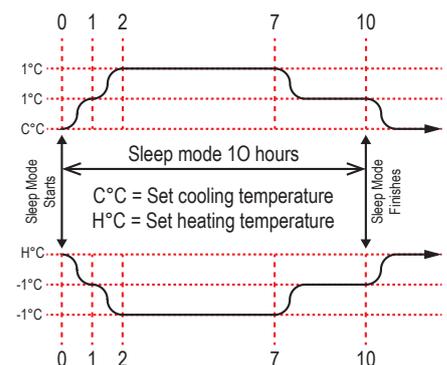
For Cooling: Allows the set temperature to increase and decrease over a 10 hour period at pre-set time intervals to maintain your comfort while saving energy (see graph right).

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).

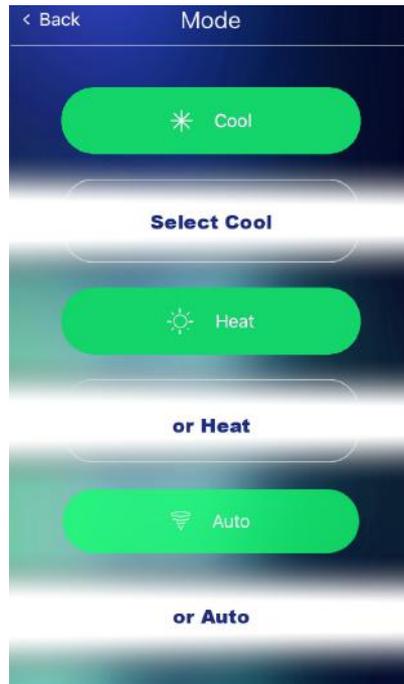
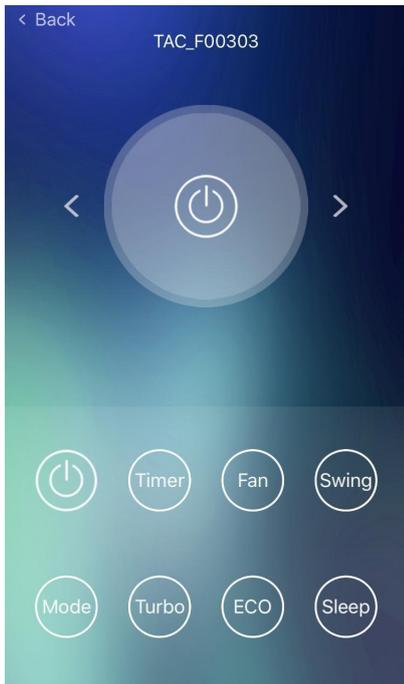


Sleep mode is not available in Dry, Fan modes. While operating in Sleep mode the fan speed can not be adjusted, Turbo and ECO modes are also unavailable.

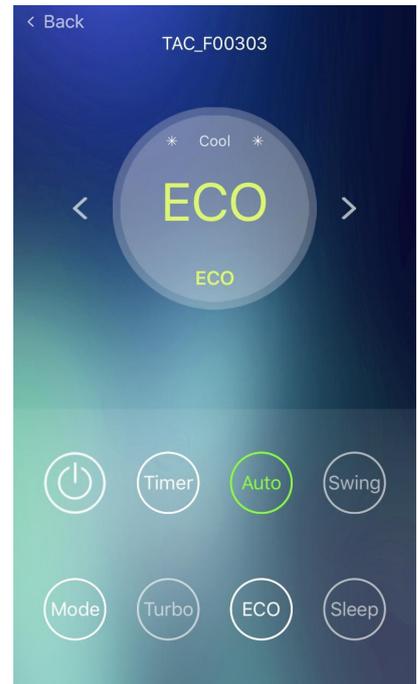
The Delay Off Timer can be used in conjunction with SLEEP mode to turn off the Air Conditioner automatically.



1. Confirm that **Cool**, **Heat** or **Auto** modes are selected, Sleep mode is not available in any other mode.



2. Press **Sleep** button to turn on start Sleep function.



3. Pressing the "SLEEP" button again will cancel sleep mode.



NOTE While Sleep mode is on, any attempt to change modes will also cancel the Sleep mode function.



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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. Rinnai recommends that this appliance be serviced once a year.

Product Sales and Service

National Helpline (Mon-Fri 8am - 5.30pm EST)
Phone: 1300 555 545* Fax: 1300 555 655*

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For further information visit: www.rinnai.com.au

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