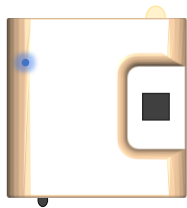
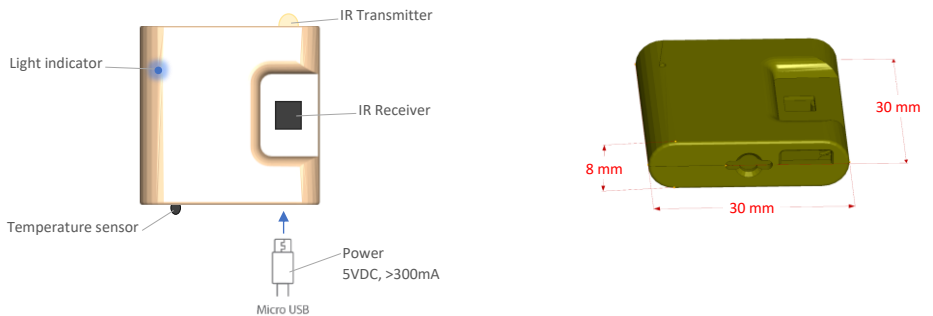


Airconet Manual



Ver. 1.05

Specification



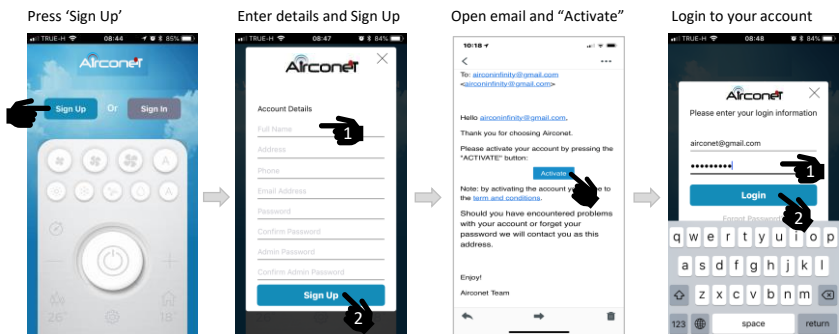
- Compatible with most iOS and Android smart phones
- Control AirCon from anywhere in the world (via Wifi or 3G/4G)
- Control Cold / Hot / Auto / Fan / Dry mode, Set Point and Fan 1, 2, 3, Auto
- 2-way communication (status feedback and sync with aircon remote control)
- Automatic aircon brand selection via aircon's remote control
- Compatible with major aircon brand with remote control (other aircon brand has to be pre-implemented in our factory)
- Plug and Play – no need installation
- Measure Room temperature via built-in temperature sensor NTC
- No need additional controller (standalone product)
- Miniature size of 3*3*0.8cm (almost invisible on the wall)
- Turn ON the air condition to its last status in memory
- Set Point Temperature Range: 16 ~ 32°C
- Room Temperature range: 0 ~ 60°C
- Power: 5VDC, Max. 300mA
- IR distance: Max. 6 meters at line of sight
- Wireless wifi frequency: 2.4GHz ISM free frequency range
- Wifi Communication distance: maximum 30 meters (at line of sight)
- Enclosure: ABS plastic casing. White color or custom (MOQ)
- Indoor use only
- CE, EMC, FCC, IC, LVD standard

Airconet Setup Manual

Thank you for purchasing the latest aircon wifi technology!
Please read carefully this manual before installing

Create an account on mobile phone

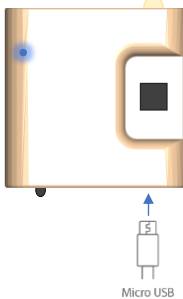
1. Download 'Airconet' App to Android or Apple phone from App Store
2. Register new account by filling up all details. Please ensure you enter the correct contact information so we will be able to contact you for future after sell service



Pair Airconet to Air Condition

3. Plug Airconet to power. Within 10 seconds, while blue light is on, press any button on the aircon's remote control. The blue light should blink immediately after pressing the button, indicating successful pairing. If unsuccessful, restart Airconet and try pairing again within 10 seconds

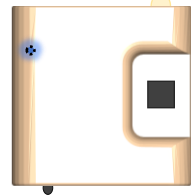
1 Plug to power – Blue light ON



2 Press any button on Aircon's remote (within 10 seconds)



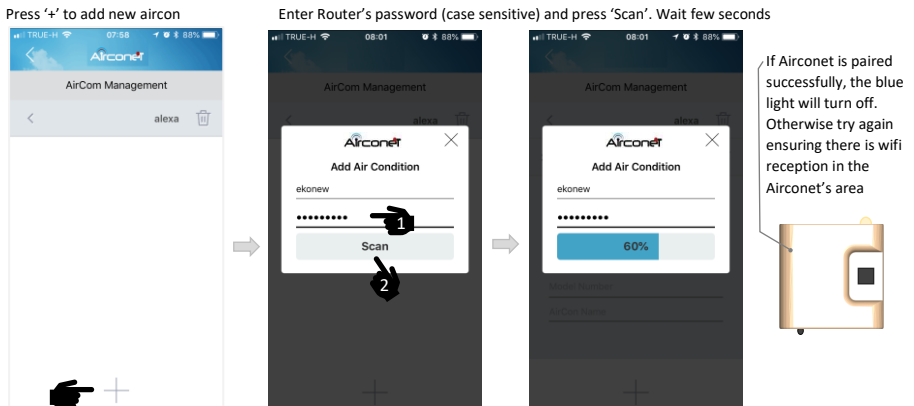
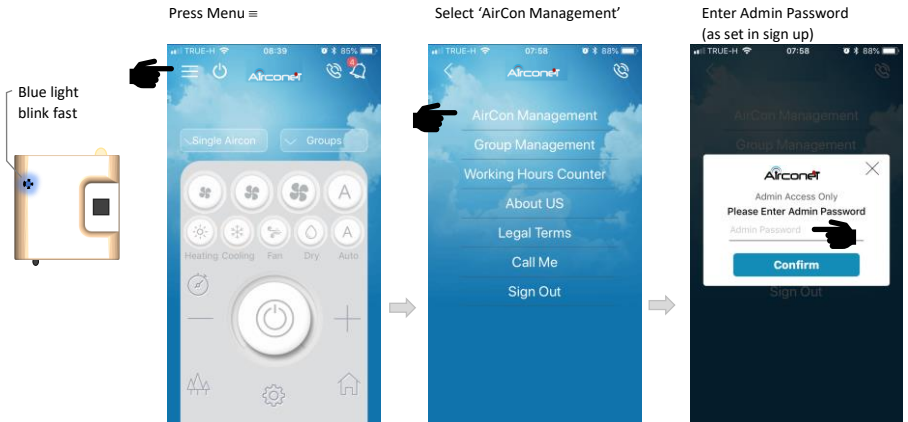
3 Blue light blink fast



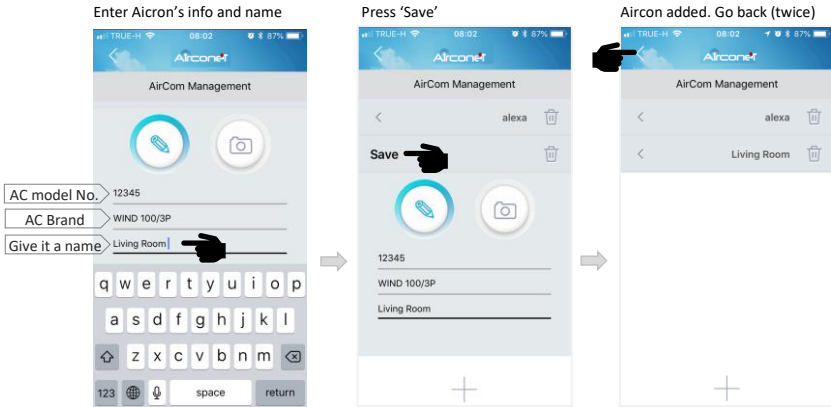
Pair Airconet to Router

4. Connect mobile phone to router. Follow these notes:
 - a. Only connect to 2.4GHz router (do not connect to 5GHz router)
 - b. In case of wifi repeaters, connect the phone to the repeater that is nearest to the Airconet (to get maximum wifi reception)
 - c. The phone used for pairing is Admin - only this phone can be used to unpair Airconet at later stage such as replace router
 - d. Pair within 15 minutes from powerup while LED is flashing fast. After 15 minutes the light will go off, and restart is required to pair

5. On App, follow these steps (while Airconet's blue light blink fast)



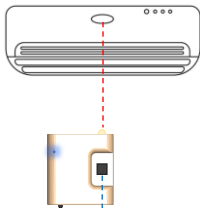
If the pairing was successful, continue as follows:



Mount Airconet

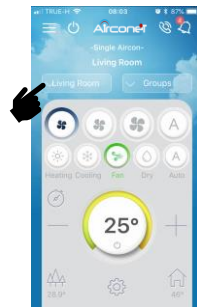
6. Test App can control the Aircon by the Airconet:

Using the provided double side glue, attach the Airconet as close as possible to the aircon ensuring they have direct eye contact



Controlling the aircon from its remote control will sync the status of the aircon on the App

Select the name of the aircon you want to control. Pressing any button on the Airconet's App should control the aircon




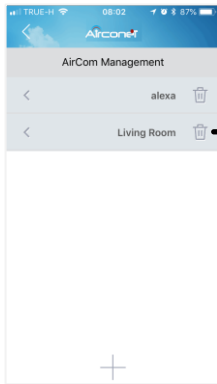
Delete Airconet from App (to replace router or account)

It is very important to first delete all connected Airconet devices from the router before replacing a router. To delete Airconet:

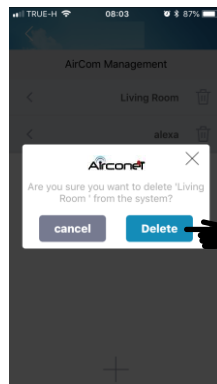
- a. Use the same mobile phone and router as originally used to add the Airconet
- b. Follow these steps:

Enter 'Aircon Management' (see above)

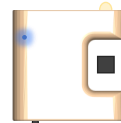
Press  next to Aircon name



Select 'Delete'



Blue light will blink



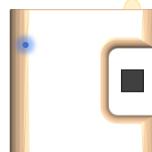
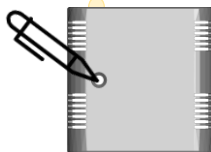
Manually Delete Airconet (to replace router or account)

Delete manually Airconet in the following situations:

- a. The blue light on the Airconet does not flash after deleting (unpair)
- b. You already replaced a router before deleting Airconet from the old one
- c. Cannot access the account (and cannot recover the account)

In any of these cases please follow these steps:

1. Delete the Airconet from your account via APP (if you have access to the account). See instruction above in this page
2. Reset Airconet by holding the 'Reset' button on the back of the Airconet for 5 seconds (using a pointed pen) till blue light is flashing:



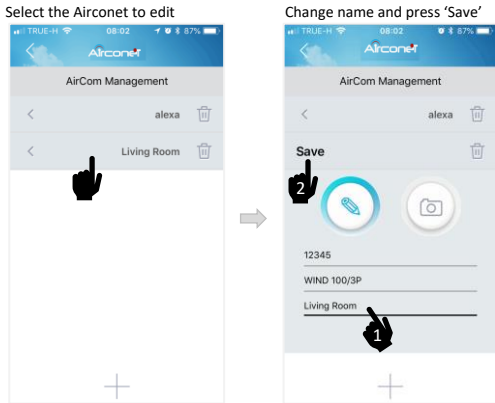
3. Start Pairing (see above)

Rename Airconet

When Pairing few Airconet devices at the same time it is impossible to know which Airconet belong to each room. In this case do as follows:

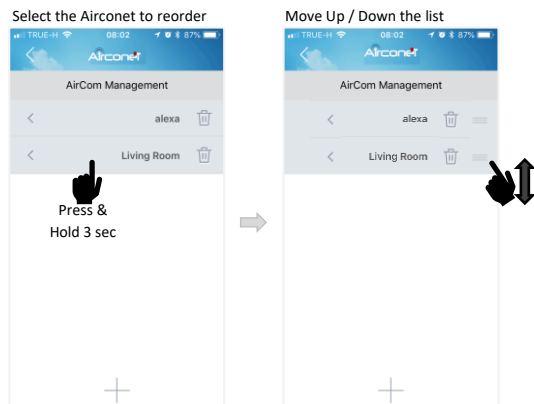
1. Give each device a temporary name or number
2. Go to control page (see below) and control them individually to identify which Airconet control which room
3. Go back to the AC setup page to rename them according to its room

Enter 'Aircon Management' (see above)



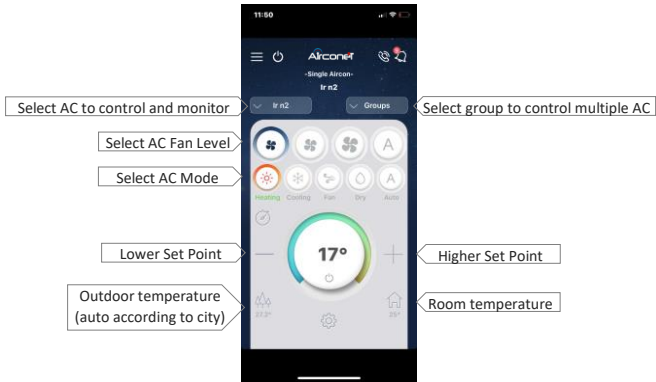
Reorder Airconet location in AC list

Enter 'Aircon Management' (see above)

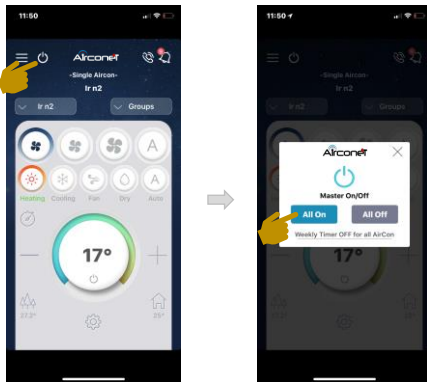


App user manual

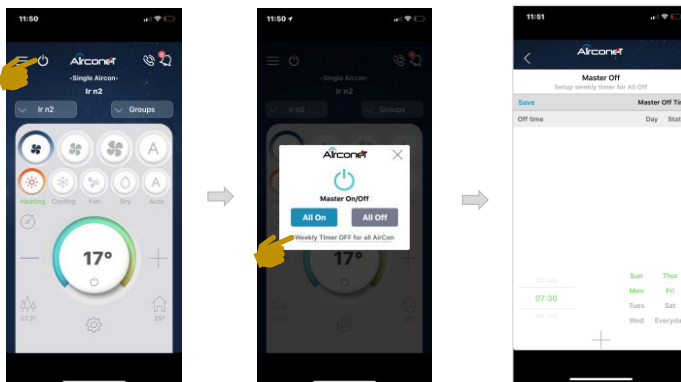
Control and Monitor Aircon



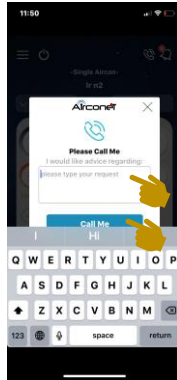
Master On /Off – power On or Off all connected Aircons



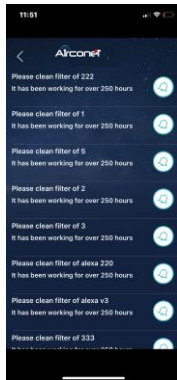
All Off Weekly timer – power off all connected aircon at a specific time and day of the week:



Call me – send message to Service Centre

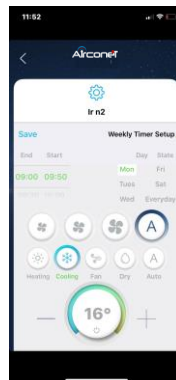
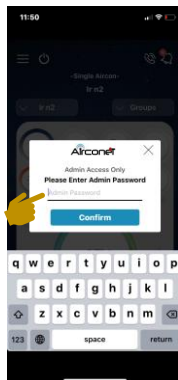


Show notification list



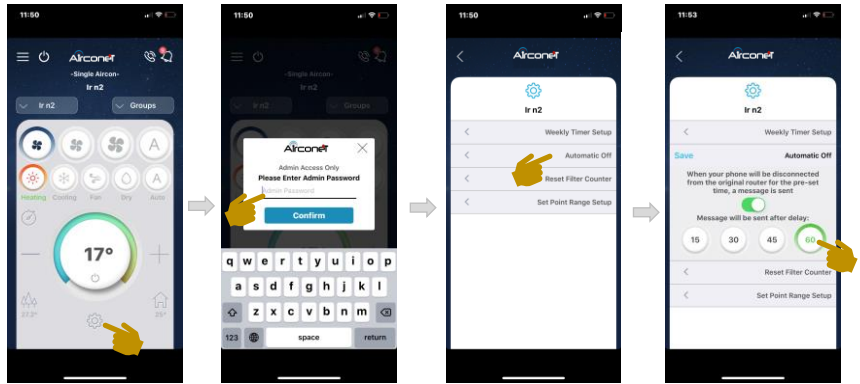
A 'clean filter' notification is sent after anyone of the aircon has been working for accumulative 250 hours

Weekly timer – turn On and Off aircon at predefine period of the day. Repeat timer at selected days of the week. Each aircon has its own individual timer/s

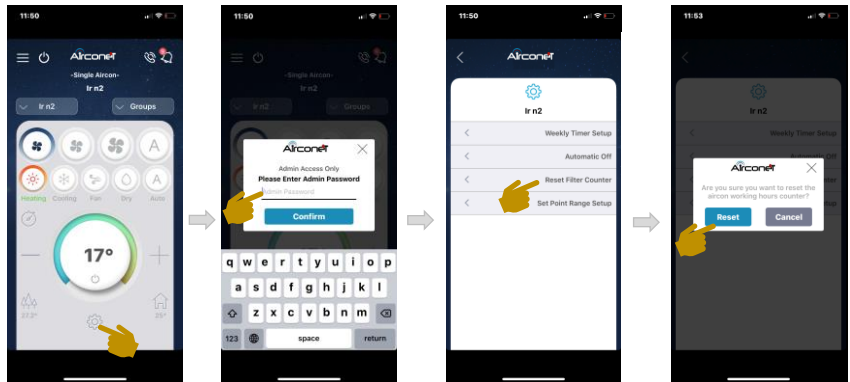


- Setup:
- 'ON' time (start)
 - 'OFF' time (End)
 - Day/s to repeat
 - Fan level
 - Mode
 - Set point
- Press 'Save'

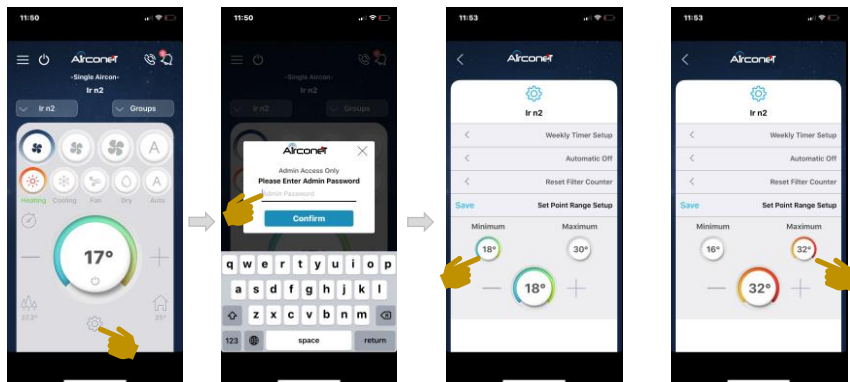
Auto Off – automatically receive notification to power off AC when leaving the house. Setup the time period a message will be sent from the time the phone is disconnected from the router



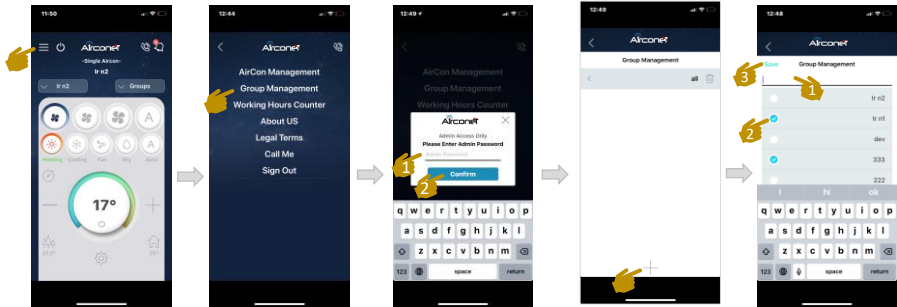
Resets the Filter counter (notification is sent once AC has been working 250 hours)



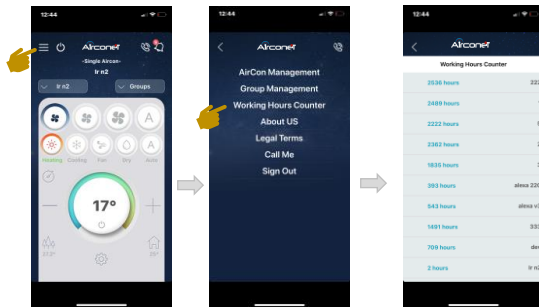
Set Point temperature limit – fix the minimum and maximum set point



Create 'Group' to control few Aircon at the same time. Select which AC are added to the group and give the group a name



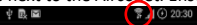

Check how many hours each AC has been working since it was last reset



Blue light function:

- Light is ON – Airconet is ready to learn new Aircon brand. This occur during the first 10 seconds the Airconet is connected to power.
- Fast Blink – New Airconet, ready to be Paired. It indicated this Airconet is not paired to any account). Fast blink is also the results of unpairing a module
- Slow Blink – Module is already paired to an account but it is connected to a router
- Sometimes Slow Blink – this is an indication of poor internet connection. The module is reconnecting during the short time it is blinking slow
- Light is off (while connected to power) – indicate everything is ok
- Light is off but Airconet cannot work – this can be due to 2 reasons:
 - New module that has not been paired for over 15 minutes
 - There is no power to the Airconet
- Light blink 1 time in the following conditions:
 - Sending command from App
 - Receiving command from AC's remote control

Troubleshoot

Problem	Possible solutions
Cannot sign-up new account	<ul style="list-style-type: none"> • Confirm phone has internet connection (can surf the net) • If an activation email was not received – ensure you use a working email account and check in Junk mail • The password (sign-in and admin) must be at least 4 digits • If receive message “account exist” – use another email to register
Cannot sign-in to Airconet account	<ul style="list-style-type: none"> • Confirm the phone has internet connection (can surf the net) • Ensure you enter the right email and password • Press “Forget Password” on App and check email to create new password • If receive email ‘account failure’ is an indication this email has been blocked - use another email to register new account. And delete the module manually (see instructions below)
Cannot Pair the aircon’s remote control with Airconet	<ul style="list-style-type: none"> • The pairing period is 10 seconds from the time the Airconet is connected to power. During this time the blue light must be steadily ON (no blinking). Restart Airconet and try pairing again within 10s • Ensure you point the aircon’s remote control directly to Airconet • Confirm the remote control can work with the aircon • If all the above pairing solutions cannot solve the problem, it might indicate that Airconet is not compatible with this specific aircon model or brand
Cannot Pair Airconet to router	<ul style="list-style-type: none"> • Ensure mobile phone wifi is connected to router (not 4G) • Check the router is 2.4GHz (and not 5GHz) • Confirm the phone has internet connection (can surf the net) • Ensure the router’s wifi has password enabled (otherwise cannot pair) • Ensure the router’s name (SSID) appear in Pair page. Otherwise it means the phone is not connected to the router’s wifi • Confirm you enter the correct router’s password in Pair page (case sensitive) • Before pairing the blue light should blink fast. If it doesn’t, press and hold “reset” button (on the back of Airconet) for 5 seconds until light blink. Release the button and repeat pairing • Test if Airconet is mounted in area with strong wifi reception -connect the phone to the same router as Airconet. Hold the phone next to the Airconet. Ensure the phone shows at least 2 lines on the wifi indication mark:  • Move the Airconet as close as possible to the router and to the mobile phone. Repeat the pairing steps few times (ensuring first there is strong internet on the phone)
Can add Airconet but it’s not in list	<ul style="list-style-type: none"> • This means the module is already connected to another account. Remove the module from the other account. Reset the module from ‘reset’ button. And add again in new account
Cannot control aircon from App	<ul style="list-style-type: none"> • Confirm the phone has internet connection (can surf the net) • Confirm the router that Airconet is connected to has internet • If the blue light on Airconet is blinking slowly, indicating it is not connected to wifi. Ensure the router has wifi and restart Airconet • Ensure the router’s settings has not been changed (SSID, Password, Channel, etc.). If they have been changed, follow the steps bellow to delete module and repeat Pairing • Test if there is wifi reception at the Airconet location - see instructions above  • Each router has limit of allowable connected wifi devices. Ensure not to connect over the maximum number • Try to control from App – if each press of a button blinks blue light on Airconet, do as follows: <ul style="list-style-type: none"> • Ensure Airconet and Aircon has eye contact • Learn aircon’s remote control again (see above) • Restart Airconet from its plug to confirm the blue light is ON. If not, replace power supply
Sometimes the light flash	<ul style="list-style-type: none"> • This means the internet connection is not stable, so the module reconnects. Restart both the router and the Airconet (wait 30 seconds before reconnecting)