



Classic America

Wi-Fi App Installation and Instruction Manual for Mini Split Air Conditioners with Heat Pump.

Si desea, puede obtener este manual en español en
www.classic-america.com

The information provided in this manual applies to all Classic-America Mini Split Air Conditioners with Wi-fi function. Please read through the manual carefully.

FCC Caution (FCC ID: 2ANDL-TYWE1S/2ANDL-TCWBRCU1)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. The distance between user and device should be no less than 20cm.

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Step 1: Download and Install the Tuya Smart App

1. Using your camera function on your smartphone, please scan the QR code below to be directed to download the latest Tuya Smart App for your Classic-America air conditioner. If your phone does not currently have a QR scanner installed, you can download and install the app from your App store.

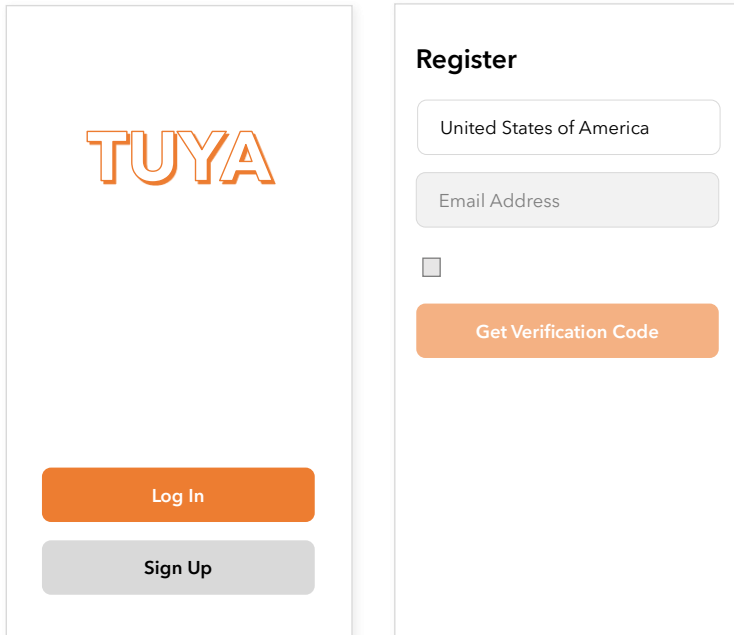


Note: The Tuya Smart App is supported on 2.4 GHZ Wi-Fi Channels only. Please be sure your connection is using a Wireless channel broadcasting in 2.4GHZ with security support in WEP/WPA/WPA2/AES128.

2. After navigating to the Tuya Smart App select DOWNLOAD, INSTALL, and then OPEN.

Step 2: Register Your Account

1. Once you download the App, you will need to create an account. Click the "Sign Up" button to begin the registration process. You can register with your email address OR through your Google or Apple Account.



The image displays two screenshots of the TUYA app's registration interface. The left screenshot shows the main login screen with the 'TUYA' logo at the top, an orange 'Log In' button, and a grey 'Sign Up' button. The right screenshot shows the 'Register' screen, which includes a dropdown menu for 'United States of America', an 'Email Address' input field, a checkbox, and an orange 'Get Verification Code' button.

TUYA

Log In

Sign Up

Register

United States of America

Email Address

☐

Get Verification Code

2. You will be requested to validate your email address with a verification code. Press "Get Verification Code" to receive a code that will be sent to the email address you used to Register.

Register

United States of America

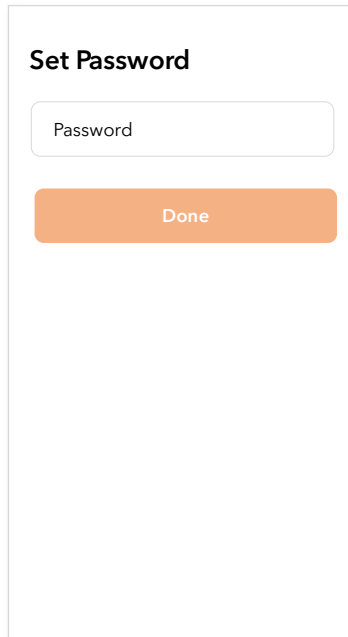
Email Address

Get Verification Code

Enter Verification Code

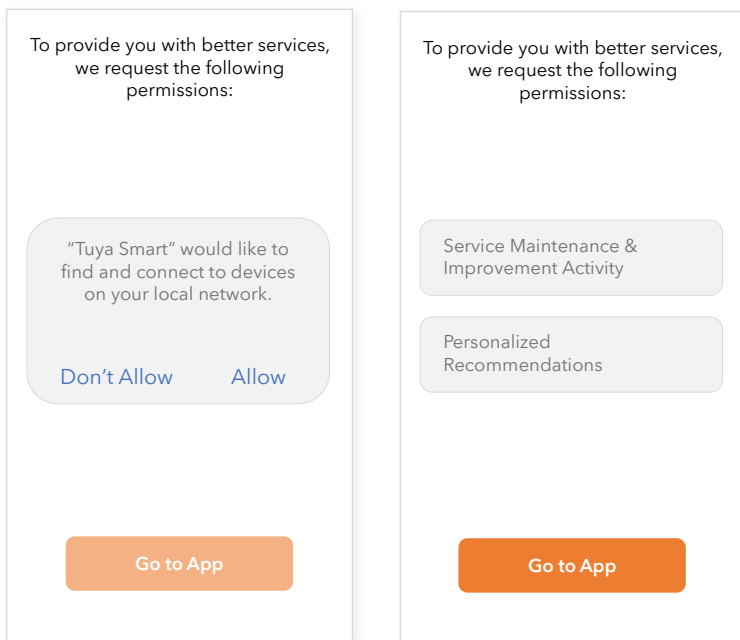
A verification code has been sent to your email.

3. Once the verification code is received, type it into the login screen. Next, you will be requested to Set a Password for your Login. Please choose a Password between 6-20 characters with a mix of letters and numbers and press "Done".



The image shows a mobile application screen titled "Set Password". It features a white background with a light gray border. At the top, the title "Set Password" is displayed in a bold, black font. Below the title is a white rectangular input field with rounded corners and a thin gray border, containing the placeholder text "Password". Underneath the input field is a solid orange button with rounded corners, containing the word "Done" in white text.

4. Please make sure to choose "Allow" so that Tuya Smart App can find and access devices on your network. Choose the permission options you would like to provide with the App, and then press "Go to App".



Note: For finding or joining your wireless network you will need to give the Tuya Smart App permission to enable Location. Also, you will need to enable Bluetooth on your phone.

Step 3: Login to Your User Account

1. If you have registered and created an account, click the "Login" button on the main screen. Please enter your login email and password you registered with.

The image displays two mobile application screens for the Tuya login process.

Left Screen: Features the Tuya logo at the top. Below the logo are two buttons: an orange "Log In" button and a gray "Sign Up" button.

Right Screen: Titled "Log In". It contains a form with the following elements:

- A dropdown menu for "United States of America".
- An "Email Address" input field.
- A "Password" input field.
- A small green square icon.
- An orange "Log In" button.
- A blue link labeled "Forgot Password?" below the button.

Forgot Password?

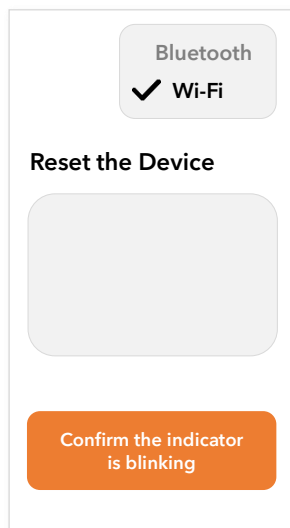
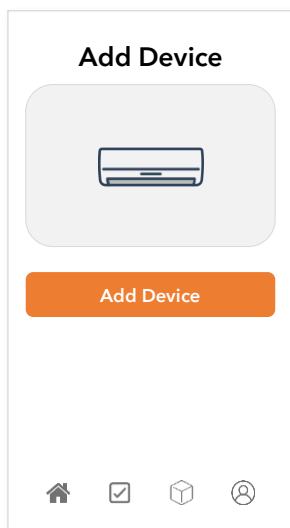
If you forget your password, you can retrieve it by following these instructions:

1. Press the "Forgot password" button to enter the next page.
2. Type in the registered email address and press the "Get Verification Code" button to continue.
3. You will receive a verification code to continue. Type in the code received and set a new password. Press the "Confirm" button to finish.

Step 4: Add Your AC Unit

After installing the App on your mobile device, you must then add your AC unit to be controlled by your installed app. Follow the directions below:

1. Press the “Add Device” and choose the type of product you are connecting to. In this case you will click on **Large Home Appliances** and choose **Air Conditioner (BLE+Wi-Fi)**.
2. On the ‘Reset the device’ screen on the App, make sure the option on the Top Right Corner of your phone is set to Wi-Fi Mode.



Step 5: Connect Your AC Unit to the Wireless Network

There are two setup Modes/Methods to connect the AC unit to the wireless network.

Note: The default set-up mode you should follow is the CF mode when first starting the AC unit. Instructions to connect using CF Mode to follow on the next page.

Reminder: The App only works on 2.4 GHZ networks. If you have a dual band (5GHZ / 2.4GHZ) router, there are instructions in the 'FAQ & Feedback' section on the app that you may wish to read.

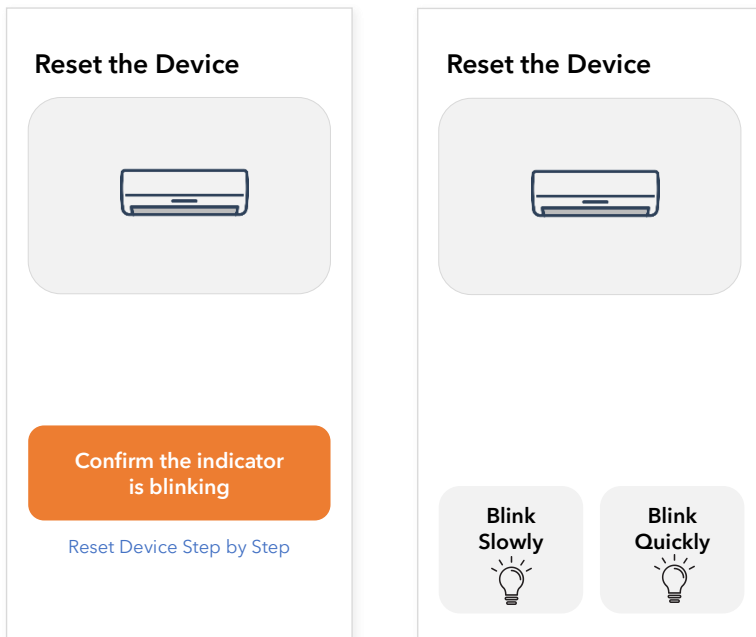
CF Mode - When setting up your AC unit using a Wi-Fi connection using the CF mode, the AC unit being connected for Wi-Fi operation will automatically search for an available wireless network and connects automatically when the setup directions are followed. The unit and device will be synced together afterwards.

AP Mode - If your AC unit does not connect to the mobile device through the wireless network using the setup instruction in CF mode, you can connect the mobile device to the AC unit using the air conditioner's Wi-Fi adapter or "Device hotspot". The AC unit will show as a wireless network under the mobile devices Wi-Fi connections as "SmartLife-xxxx". You can then connect the mobile device from the AC unit's hotspot. After the AC unit is turned off/on the next time you use it, the AC unit will connect to the wireless network the phone is connected to.

Note: We recommend you use the CF Mode and not the AP Mode to connect. If at any time you need to switch between modes, pressing "Display" on the remote control 6 times will reset the wireless setup configuration on the AC unit back to CF mode. Pressing the "Display" button an additional 6 times after CF mode appears will switch the unit to AP mode. Please allow the unit 5-10 seconds to switch modes if toggling from CF to AP modes.

Add the AC Unit to the Wireless Network using "CF Mode"

1. Plug in and **Power ON** the AC device after it has been powered OFF for 10 seconds. Flip open the front panel of the Indoor Unit and hold down the tiny **Reset** button on your device for 5 seconds. The unit will turn back ON.
2. Make sure the display power on your **AC unit is ON** and the unit is running. To make sure the AC unit is in CF mode, press **Display** on the remote 6 times. After 2 to 5 seconds, you will hear two beeps on the AC unit and the display should show CF.
3. On the App screen choose the option "**Confirm the indicator is blinking**" and select the status of the indicator light based how the lights are flashing 'Blink Slowly' or 'Blink Quickly'. For this device we usually ask you to choose '**Blink Quickly**'.



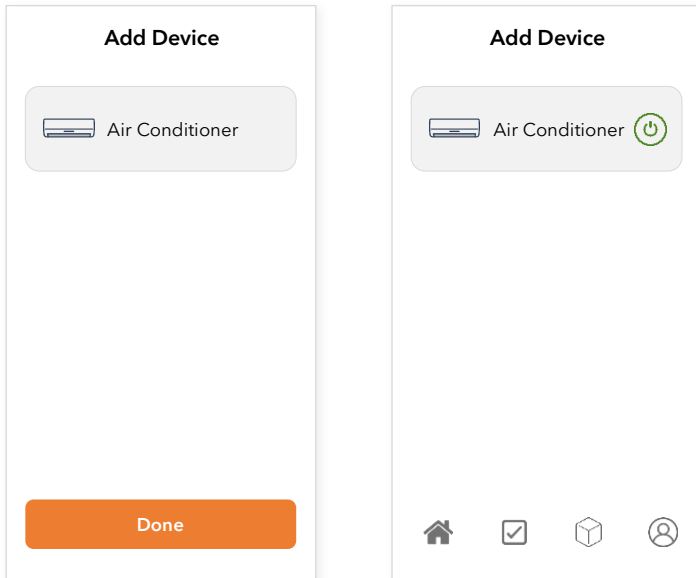
4. Select the network to which your phone is connected, enter the router password and press "Next" to continue.

The image displays two side-by-side mobile application screens. Both screens have a white background and a light gray border. At the top of each screen, the text "Select 2.4 GHz Wi-Fi Network and enter password." is centered in a bold, black font. The left screen features a white rounded rectangular button labeled "CHOOSE WI-FI" and a light gray rounded rectangular field labeled "Password". The right screen features a white rounded rectangular button labeled "WI-FI NAME" and a light gray rounded rectangular field labeled "Enter Password". At the bottom of each screen is a large, solid orange rounded rectangular button labeled "Next" in white text.

Note: If having difficulties finding or joining your wireless network you may need to give the Tuya Smart App permission to enable Location. This setting can typically be found by going to Settings > Apps > Tuya Smart App and then select to enable Location. The exact location and method to enable this setting varies by phone OS and version.

5. After connecting to the wireless network, The App software will automatically try to pair with the AC unit. The AC unit's LED screen may display "PP" or "SA", indicating it is searching for the network signal. This may take 10-15 seconds to connect the AC to the network.

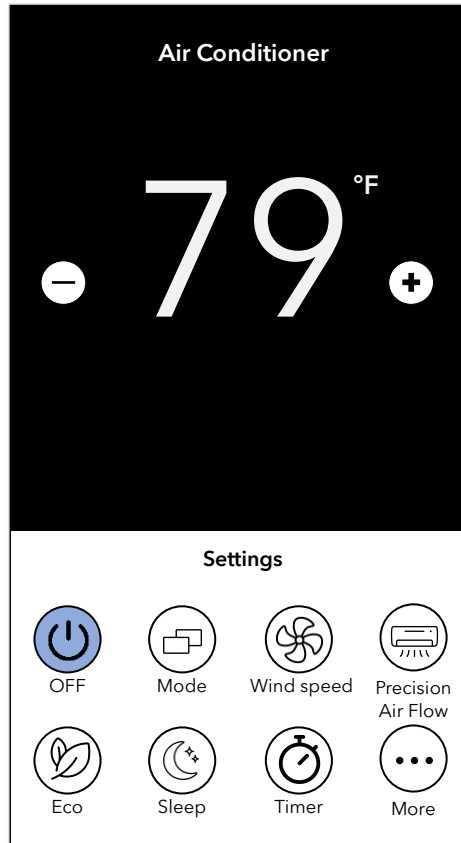
6. The page on the app should now display the AC device. Press the "Done" button displayed on the screen and wait till the AC unit successfully pairs to the network and the green power button displays next to the device name on your phone.



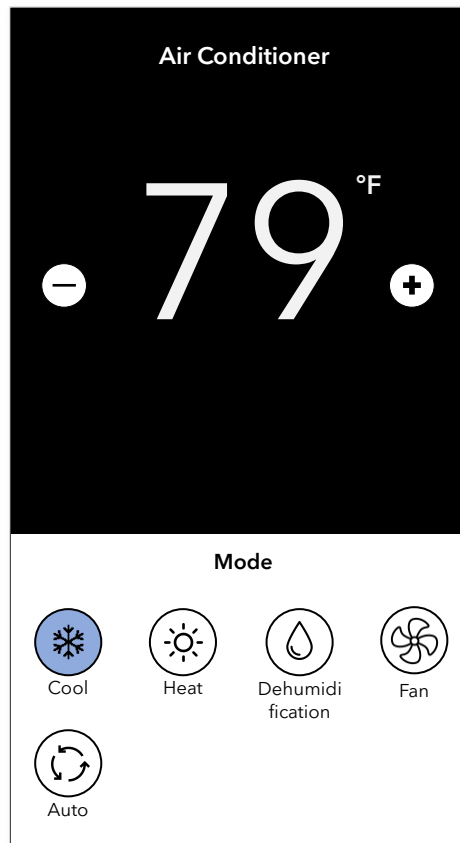
Note: If at any time you need to start over, please power OFF the AC unit and repeat the instructions on how to "Add the AC Unit to the Wireless Network using CF Mode".

Step 7: Controlling Your AC Unit

1. Click the air conditioner name to enter the App control panel. Click the ON/OFF button to power the device ON/OFF. The "+" and "-" allows you to set the temperature for your air conditioner.



2. You can adjust the settings for the operating mode you want to use: Cool, Heat, Dehumidification, Fan, Auto. Click the "Mode" button and choose the mode you would like to use.



- **Cool** and **Heat** modes allow you to set the temperature on your device.
- **Dehumidification** and **Fan** mode will auto adjust the temperature based on the built in Settings. You will not be able to adjust the temperature manually.
- In **Auto** mode, the machine will choose cool, dehumidification or fan only mode according to the difference in temperature between the setpoint and the room temperature.

3. For Wind Speed of the Fan, click the "Wind Speed" button and choose the speed you want: Strong, High, Mid-High, Medium Speed, Mid-Low, Low Speed, Mute and Auto.



4. You can adjust the settings of the Precision Air Flow and select the controls based on 'Up-Down Flow Control' and / or 'Left-Right Flow Control'.

Precision Air Flow

Up-Down Flow Control


Up-Down Flow


Up Flow


Down Flow


Top Fix


Upper Fix


Middle Fix


Above Down Fix


Bottom Fix

Precision Air Flow

Left-Right Flow Control


Left-Right Flow


Left Flow


Middle Flow


Right Flow


Left Fix

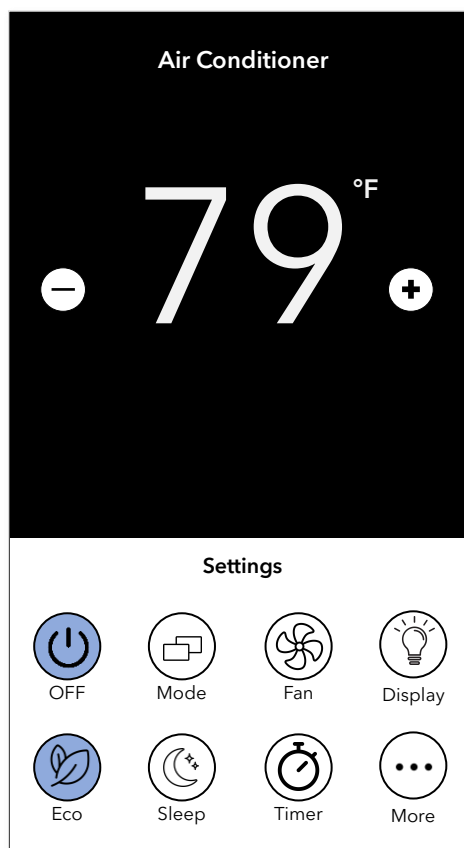

A Bit Left Fix


Right Fix


Left Fix

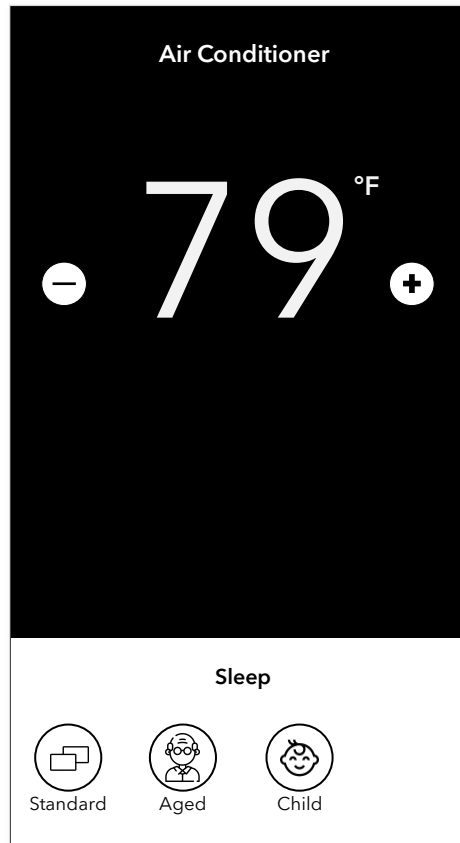

A Bit Left Fix

5. You can also choose to turn ON/OFF the Eco mode by clicking the "ECO" button.



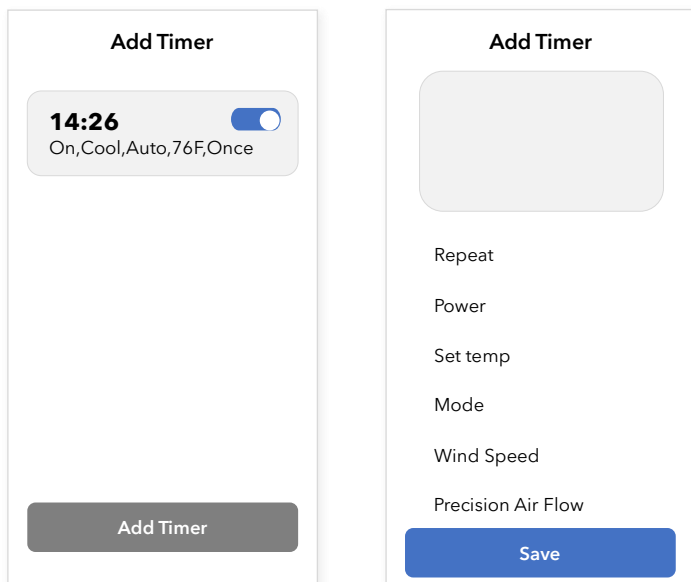
Note: The ECO function stands for energy economy. Set points will be limited and the FAN will turn OFF after reaching the set temperature and the FAN will not turn ON until the room temperature exceeds the set temperature by 1 or 2 degrees.

6. For Sleep mode, click the "Sleep" button and choose the sleep option you want: Standard, The Aged, Child.



Note: The SLEEP function will raise the internal setpoint by a few degrees during the following 10 hours. The 'Standard', 'Aged' or 'Child' choices change the algorithm slightly.

7. To set the Timer function: Click the "Timer" button. The App will enter the timer setting screen.



The Timer screen will display times that were previously scheduled. You can press the timer option to edit the timer or create a new timer by clicking the "Add Timer" button.

Click "ON" or "OFF" button to set Timer ON or Timer OFF. You can set the: Hour, Minute, Power, Operate Set Temperature, Operate Mode, Operate Wind Speed, Precision Air Flow. You can also set a weekly timer. After you're finished setting the timer, click the button to Save.

Dry Mode - temperature is preset at & cannot be changed up or down.

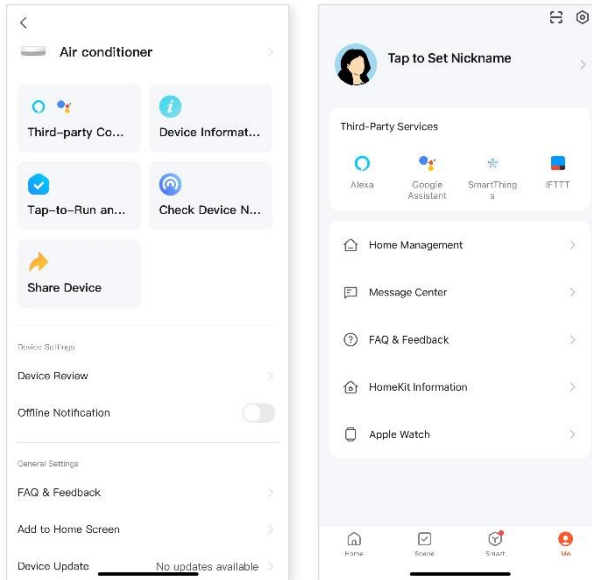
Heat Mode - temperature settings can be adjusted as desired.

Fan Mode - temperature is preset and cannot be adjusted up or down.

Auto Mode - starting temperature is preset but can be adjusted up or down.

Cool Mode - temperature settings can be adjusted as desired.

8. More Options - From the upper, right-hand corner, you can view or change the following options: Device Info, Modify Device Name, Device Sharing, Feedback, Check for Updates, Remove the Device or Restore Defaults.



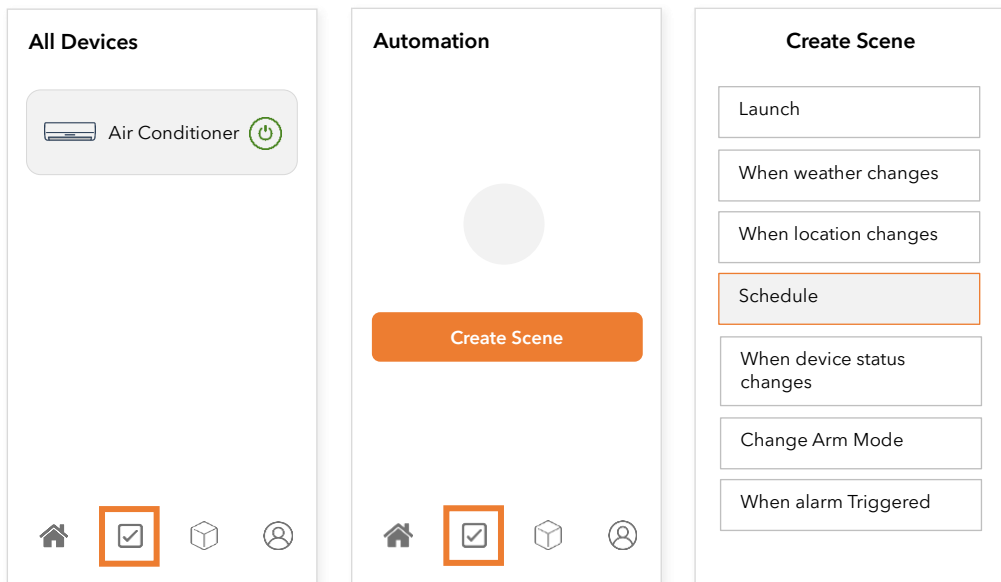
9. Manage the information in your profile. It includes:
- Account information: Name, pic, time-zone
 - Home Management: Display user's device sharing information
 - Message Center: Displays all messages that the system sent to the user
 - FAQ & Feedback: Advanced app features and troubleshooting information and where users could submit feedback online regarding the app
 - Watch: Connect the app to control via your smart watch

Note: The first registered mobile device is the main control and other devices can only be shared through the primary device via Home Management. Shared accounts need to be set up for the same country.

Create Scene (Schedule)

You can save time and effort by automating routine tasks with 'Create Scene' option to help manage your device with available SET conditions.

1. On the main menu at the bottom, press on "**Scene**" and click on **Create Scene**.
2. Select '**Schedule**' on the Create Scene page. Next, choose the execution time and the days you would like to repeat this schedule and press '**Next**' on the top right corner of the page.



3. The **'If'** condition shows the condition that needs to be met for the scene to run.
4. Under the **'Then'** option, select the **"+"** symbol and click on **'Control Single Device'** and choose the Air Conditioner you would like to control and press **'Next'**.
5. Choose the functions that need to be applied to this rule setting, save, and press on **'Next'**.
6. **Save** the Scene and enter a **'Scene Name'** for easy identification.
7. Your scene should now be saved, upon meeting the SET conditions, your device will be automatically assigned to the function settings that have been chosen.

Create Scene

If

Then 

Precondition

More Settings

Save

Create Scene

Change Arm Mode

Control Single Device

Select smart scenes

Send notification

Delay the action

Select Function

Power

Set Temp

Mode

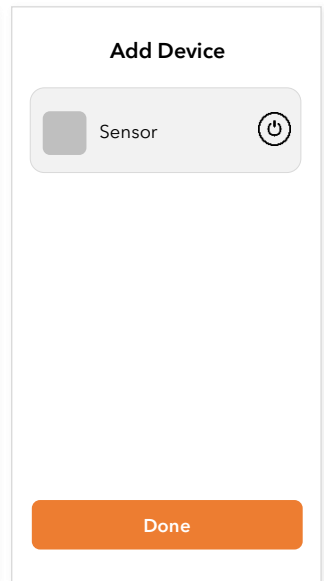
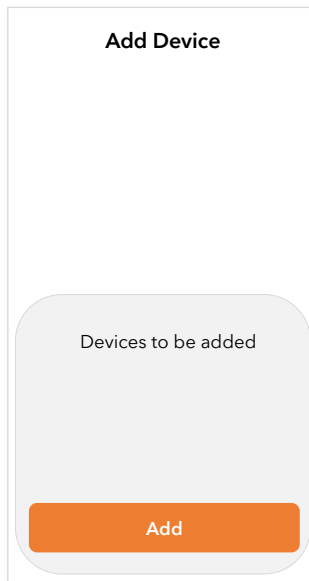
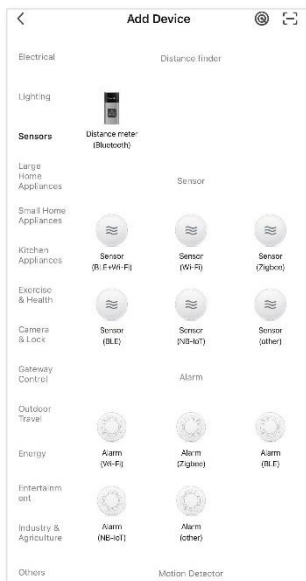
Wind Speed

Sleep

Note: There are multiple scene options that can be set to work with your mini split air conditioner. The scene included here is to provide an example of how to access and set up a scene for your ac unit.

Add a Sensor

1. On the main menu at the top right-hand corner, press on “+” and click on **Add Device**.
2. Choose the type of product you are connecting to. In this case you will click on **Sensors** and choose **Sensor (BLE+Wi-Fi)**.
3. On the ‘Reset the device’ screen on the App, make sure the option on the Top Right Corner of your phone is set to Wi-Fi Mode and then press the “Confirm the Indicator is blinking’ button.
4. The sensor does not have a pairing process and should show up on the Tuya App under Devices to be added. Click on **Add** and wait till the device has been added and press **Done**.



Troubleshooting

Having trouble completing installation? Don't worry, it's usually an easy fix.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Tuya Smart App loses connectivity to AC during setup	Wireless router may be too far from AC	Relocate wireless router closer to AC.
	Network error	Restart wireless router, AC, and restart mobile device with Tuya Smart App installed.
Tuya Smart App cannot find AC	Network error	Restart wireless router, AC, and restart mobile device with Tuya Smart App installed.
	App & AC are not on the same 2.4GHz channel	Confirm your device is connected to the 2.4GHz channel.
	Router blocking Tuya Smart App	Verify App is not being blocked by router firewall.
Failed to connect using CF mode	Unknown connectivity or network error	Follow the instructions to Reset the AC Unit and follow the step-by-step instructions.
Unable to find a Wireless Network	App may need permission to Location Services	Give Tuya Smart App permission to Location in phone settings.

Technical Support

For additional assistance you can reach our technical support team

Email: support@classic-america.com

Contact: 1-800-349-4360

Website: www.classic-america.com

To access all recent updates, visit the website link www.classic-america.com and get access to FAQ's, Error Codes and More Information about your AC unit.

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