Mabru WiFi Module Installation Guide

Introduction: Thank you very much for purchasing the Mabru WiFi Module. Before proceeding with the installation, please read this manual completely.

Module: Mabru WiFi Module

Scope: This document covers the basic installation process of the Mabru WiFi Module.

Tools: Hand tools only. No specialized tools are required for installation.

Pub #: MBR251001MNLPDFP11

Support: If you need assistance, please feel free to contact us directly.

Call   +1 954-467-1770

Email   sales@mabrumarine.com

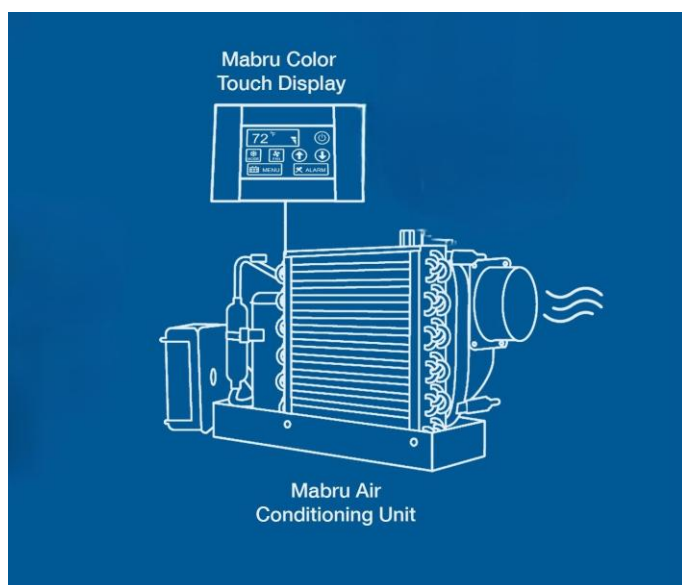Visit   **Mabru**
          1105 Old Griffin Road,
          Dania Beach, FL 33004
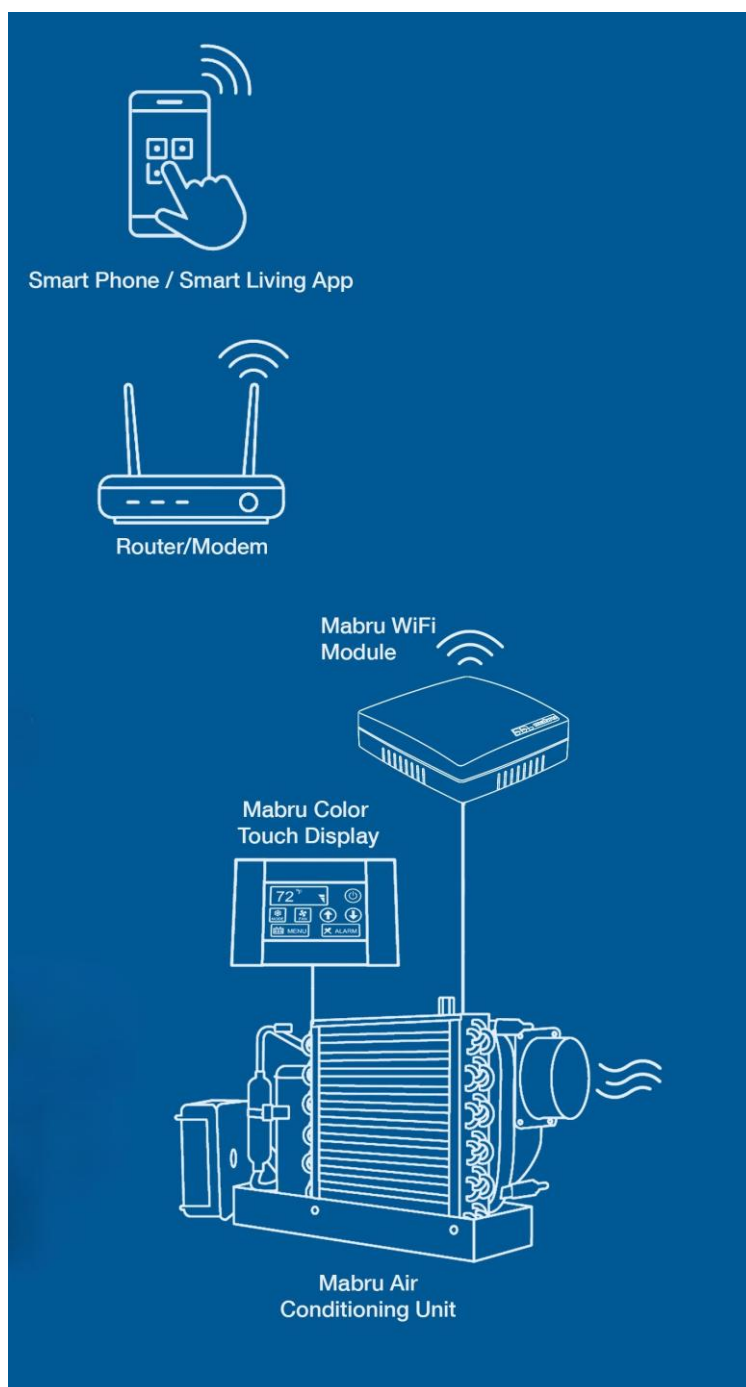   Open from 8:00AM to 4:30PM ET Monday – Friday

          For all other areas, visit our website to find your nearest dealership.

INSTALLATION CONSIDERATIONS

1. The Mabru WiFi Module requires the boat to have an existing WiFi LAN. If one is currently not available, contact Mabru support for information on best practices for installing a WiFi LAN.

2. The Mabru WiFi Module works on the 2.4 GHz band.

3. Every Mabru Unit requires a separate Mabru WiFi Module.

4. The Mabru WiFi Module works with SmartLife's *Smart Living app*.

5. The Mabru WiFi Module comes equipped with an attached 9-foot (3m) cable. No terminations are required.

6. The Mabru WiFi Module can be mounted on a wall or flat surface, and the closer to the Router/Modem, increases the signal strength.

Smart Phone / Smart Living App

Router/Modem

Mabru WiFi Module

Mabru Color Touch Display

Mabru Air Conditioning Unit

Mabru Color Touch Display

Mabru Air Conditioning Unit

BEFORE INSTALLATION SYSTEM VIEW

AFTER INSTALLATION SYSTEM VIEW

Step 1A: On the unit's display, Press the "Menu" button and Scroll all the way to the last page to reach "Param selection".

Step 1B: Press "Param selection" button. The display will automatically prompt for the password.

Step 1C: Enter Password Number "8699" and then Press "OK" button.

Step 1D: Scroll to the last page of the parameters

Step 1E: Press "Address" button and Enter "2" and then Press "OK" button

Congratulations! The unit's display address has been successfully changed to "2".
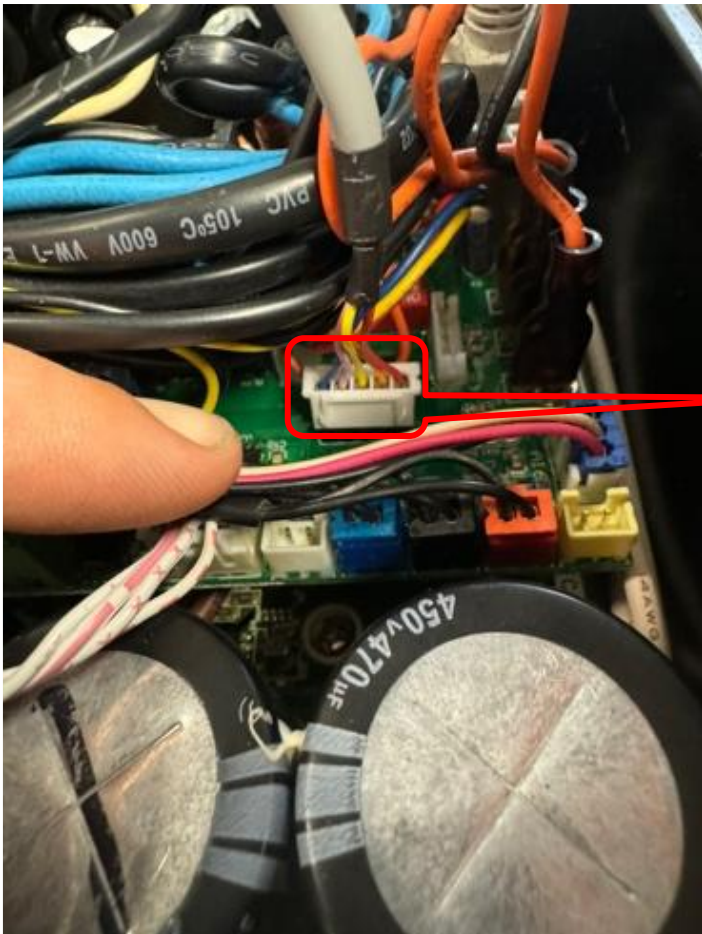

Step 2: FOR YOURS SAFETY please turn off the unit and verify that power is disconnected from the unit. Once the power is off, open the electrical box cover to gain access to the circuit board.

For VI or VFD Units go to **Step 3.1A**
For DC Units go to **Step 3.2A**

DANGER ELECTRIC SHOCK

Step 3.1A: On the unit's circuit board, locate a 5-pin header as shown in the image.
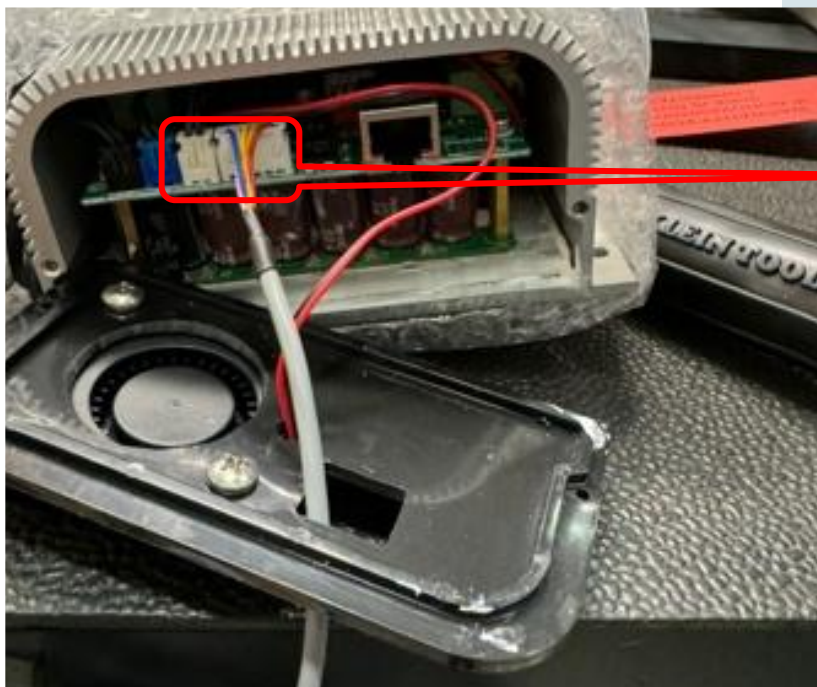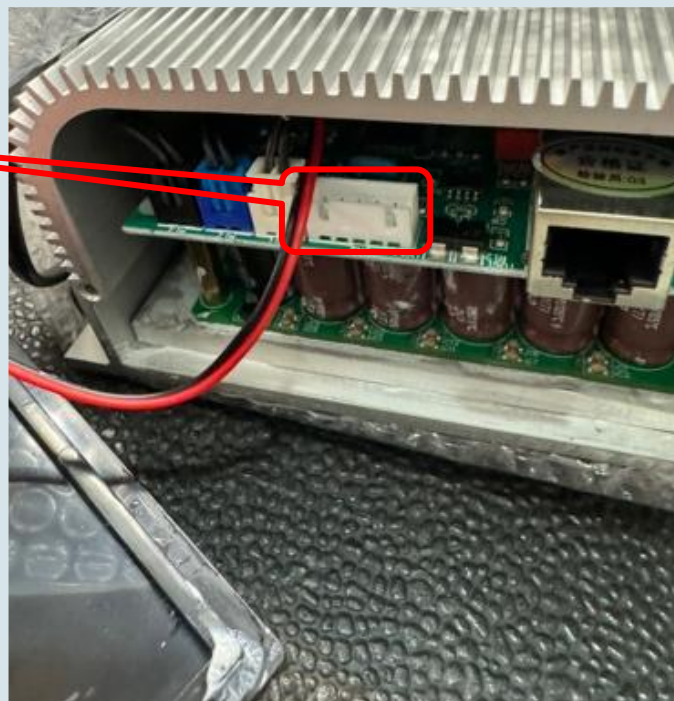

Step 3.1B: Pass the connector/cable for the WiFi Module through the grommet on the unit's electrical box and plug the connector into the header on the VI or VFD unit's circuit board as shown in the image.

Pro Tip: This connector is NOT keyed so make sure the RED wire is closest to the edge of the board. "RED to the EDGE."

If the connector is mis-installed this condition will not damage the Unit or the WiFi Module, but when you turn the Unit on the WiFi Module's LED will NOT light. If this is the case, reverse the orientation of the connector.

Step 3.2A: On the unit's circuit board, locate a 5-pin header as shown in the image.

Step 3.2B: Pass the connector/cable for the WiFi Module through the grommet on the unit's electrical box and plug the connector into the header on the DC unit's circuit board as shown in the image.

Pro Tip: This connector is keyed so it should only fit in the proper direction.

Step 4A: Using your smart phone, download the SmartLife Smart Living app. Your smart phone has a built-in app store, like the Google Play Store for Android or the Apple App Store for iPhones.

Pro Tip: Scan the QR code which takes you directly to the SmartLife official website.
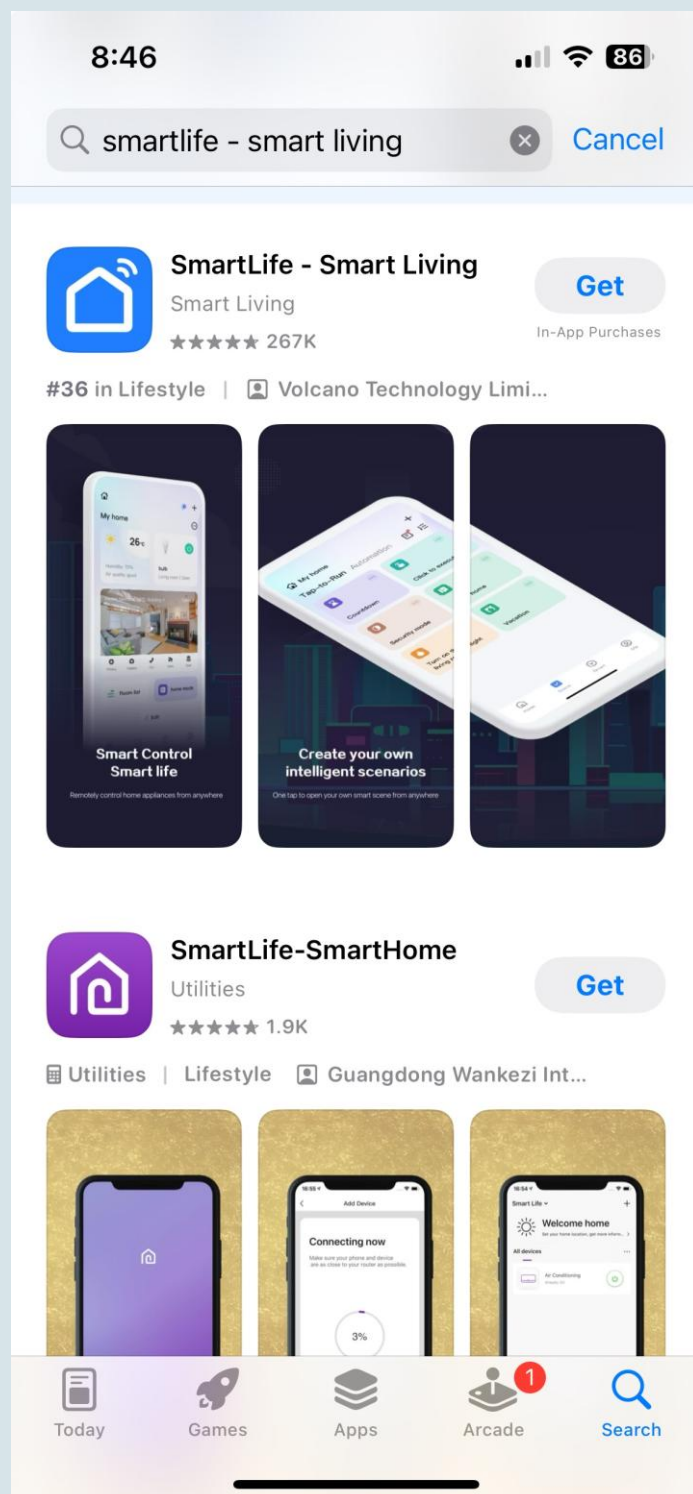
Step 4B: Open the Smart Living app on your smart phone, create an account if you do not already have one, and grant all necessary permissions.

Pro Tip: The WiFi Module only works on the 2.4 GHz band so please make sure that your router transmit on the 2.4 GHz band. Dual-band routers transmit on both 2.4 GHz and 5 GHz bands simultaneously.

Step 4C: When the Smart Living app is connecting to your WiFi network, the Smart Living app will ask for your WiFi network password. Enter the network password. This only occurs once unless the network password is changed.
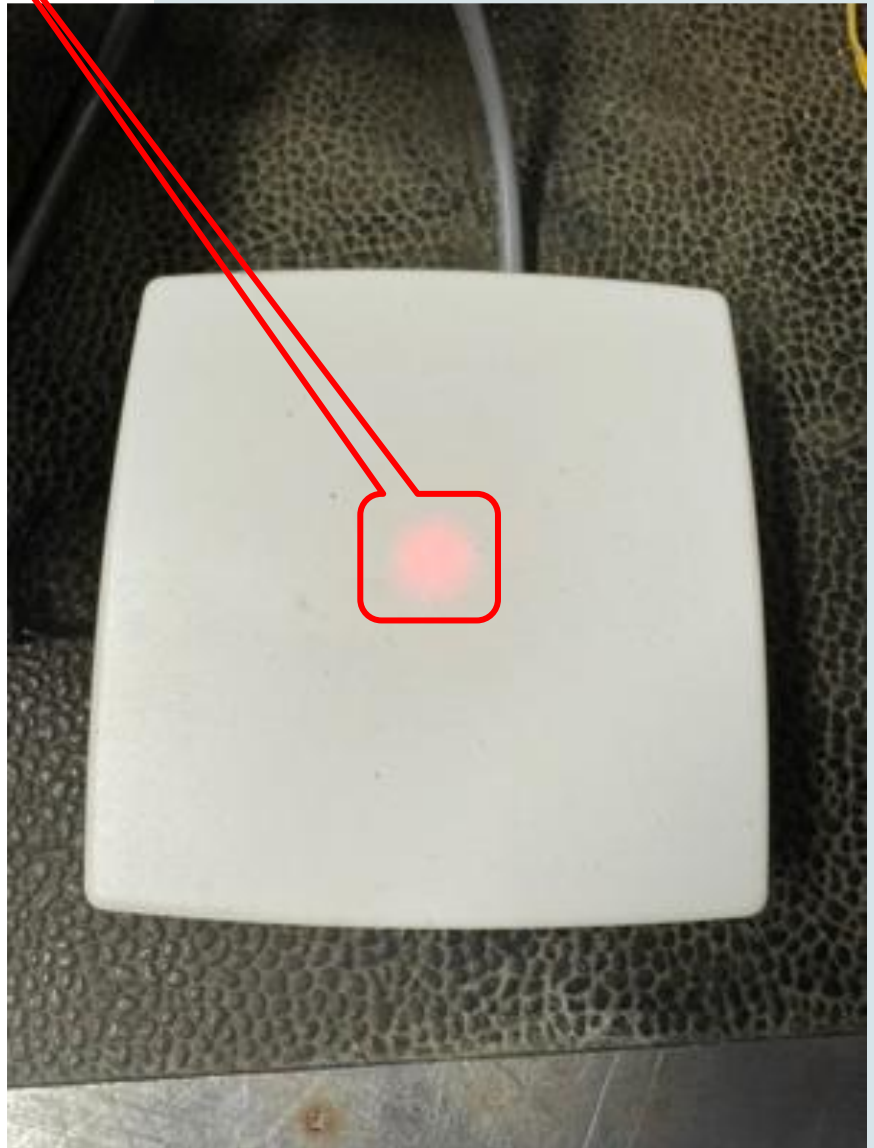
Official Website Version

Credit: Apple Store

Step 5: Power on the unit and verify that the indicator light can be seen flashing RED on the top cover of the module.

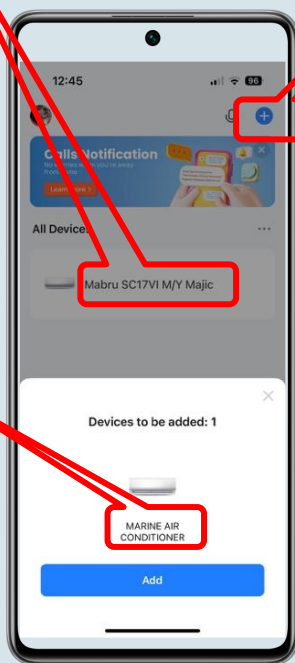**Pro Tip:** Mount the WiFi Module so the LED can be easily seen.
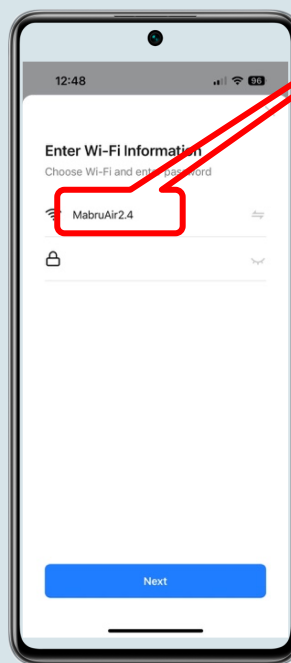
Unique Fixed Factory Name

Press "+" to look for new devices
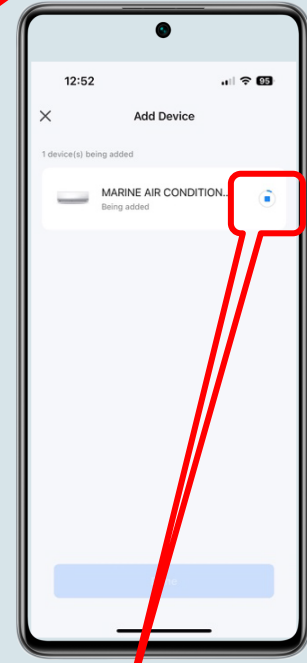
WiFi Network Name

Configurable Display Name

Credit: Smart Life

Credit: Smart Life

Credit: Smart Life

Step 6A: When the Smart Living app is opened and connected to the WiFi network it will automatically search for compatible devices and list them for the user. Press the "Add" button.
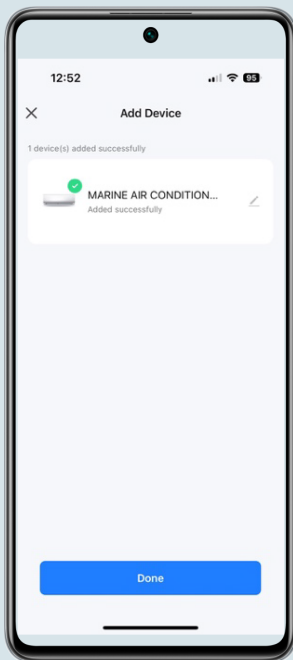
Pro Tip: Add one Unit at a time.

Step 6B: The Smart Living app will display the Mabru WiFi Module's request for the WiFi password. Enter the WiFi information and then Press the "Next" button to add the Mabru WiFi Module to the the list of devices automatically recognized by the Smart Living app.

Step 6C: The Smart Living app will then install the WiFi Module information. Wait for the installation to complete.
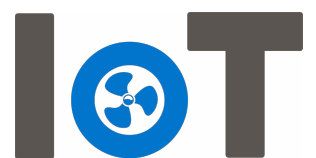
Credit: Smart Life

Step 6D: When the installation is complete Press the "Done" button.

Step 6E: The Mabru Unit can now via the WiFi Module be control and configured remotely!

Collect: Mabru Unit Display Name

Configure: The Mabru Unit Display Name

Collect: Current Temperature from the Mabru Unit via the WiFi Module and

Configure: Temperature Setting remotely!

Configure: The Heat/Cool of the Mabru Unit via the WiFi Module

Configure: The fan speed of the Mabru Unit via the WiFi Module

Control: The Mabru Unit (ON/OFF/AUTO) via the WiFi Module

Configure: The Mabru Unit parameter settings via the WiFi Module

MARINE AIR CONDITIONER 2

12:54

73°F
Temp Current F 97°F

FAN SPEED
AUTO

ON/OFF   Cold   FAN SPEED   Setting