



MRCOOL®

COMFORT MADE SIMPLE



SMART USB AC CONTROLLER™
CONTRÔLEUR USB INTELLIGENT
POUR CLIMATISEUR

CONTROL YOUR MINISPLIT FROM ANYWHERE
CONTRÔLEZ VOTRE SYSTÈME BI-BLOC DE N'IMPORTE OÙ



Step 1: Power off your AC and open the front panel of your air conditioner.



Step 2: Inside the front panel, you will find the USB housing as shown in the red border below.



INSTALLATION OF SMART USB AC CONTROLLER (CONT'D)

Step 3: Open the Smart USB AC Controller box and take out the Smart USB AC Controller.



Step 4: Using a screwdriver, pry or unscrew the USB housing from the panel (depending on your model), then detach the black USB port from its clip.



INSTALLATION OF SMART USB AC CONTROLLER (CONT'D)

Step 5: Insert the Smart USB AC Controller into the USB port. Reattach the port with the connected USB dongle into the clip, then snap the USB housing back into the underside of the front panel.



Step 6: Close the front panel of your MRCOOL air conditioner. You're done with the installation.



1A. PRIOR TO APP INSTALLATION

Your MRCOOL AC

- Make sure your Smart USB AC Controller is installed inside the front panel of your AC as described in the previous section.
- Make sure that your MRCOOL air conditioner is powered ON.

Your Smartphone

- Make sure that your smartphone's Wi-Fi is turned ON.
- Make sure that your smartphone has internet access.

Your Wi-Fi Router

- Make sure that you have a working internet connection on your Wi-Fi router.
- Make sure that there is no proxy server or authentication server configured on your internet connection.
- Make sure that there is no captive portal on your Wi-Fi router.

Important: Make sure that IP isolation or client isolation is turned OFF on your Wi-Fi router.

GETTING HELP

Wi-Fi Module & Smartphone App Support:



+1 (425) 529-5775



(9:00AM - 9:00PM EST, Mon-Fri)

Air Conditioner & All Other Support:



+1 (270) 366-0457



(7:30AM - 4:30PM CST, Mon-Fri)

2A. APP INSTALLATION - iOS / ANDROID

- Go to the App Store / Play Store.
- In 'search' section type 'MRCOOL SmarthVAC'.
- Once 'MRCOOL SmarthVAC' App is displayed, tap the 'GET' button.
- Open the App after installation is complete.



MRCOOL SmarthVAC App

2B. LOGIN / REGISTER - iOS / ANDROID

- You can either create a new user account or login as an existing user.
- As an existing user, enter username and password and tap the 'Sign In' button.
- If you are a new user, tap the 'Sign Up' button and fill in the information.



Login Screen

3A. REGISTRATION - iOS USERS

Registration process is meant to connect the Smart USB AC Controller to your home Wi-Fi network through the 'MRCOOL SmartHVAC' App.

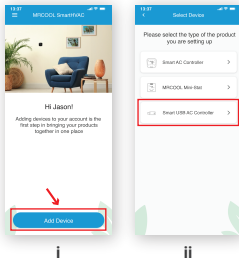
i. After successful login, you are at the home screen.

Tap the add device button as shown in the red box.

Note 1: For iOS 13.0 & above, location permission is required to complete the registration process.
You may disable it later.

Note 2: Please turn off LTE/mobile data on your phone during the registration process to ensure seamless registration.
You may enable it later.

Note 3: Local Network Access permission is a requirement for iOS 14.0 onwards to successfully register the device.
In case you haven't enabled it, please go to your iPhone Settings->MRCOOL SMART HVAC and enable it for device registration.



ii. Select 'Smart USB AC Controller' from the list of devices.

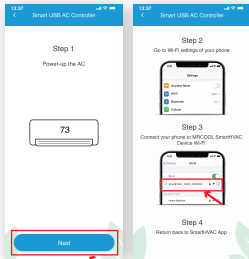
3A. REGISTRATION - iOS USERS

Step 1: Power-up the Air Conditioner and tap 'Next' on the MRCOOL SmartHVAC App.

Step 2: Go to the Wi-Fi settings of your phone.

Step 3: Connect your phone to the Smart USB AC Controller Wi-Fi (**SmartHVAC_xxxx_xxxxxx**).

Step 4: Come back to the 'MRCOOL SmartHVAC' App.



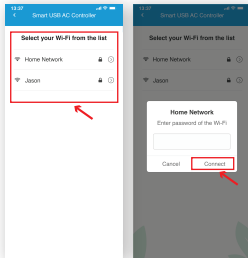
Step 1

Steps 2, 3, 4

3A. REGISTRATION - iOS USERS

Step 5: Your phone will show the list of available Wi-Fi networks.

Step 6: Select your preferred Wi-Fi network from the list, enter the password and tap the 'Connect' button.



Step 5

Step 6

Note: iOS users, please proceed directly to page 12 after performing step 6.

3B. REGISTRATION - ANDROID USERS

Registration process is meant to connect the Smart USB AC Controller to your home Wi-Fi network through the 'MRCOOL SmartHVAC' App.

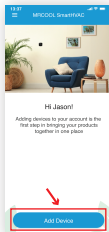
i. After successful login, you are at the home screen.

Tap the add device button as shown in the red box.

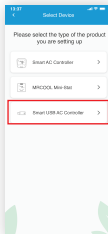
Note 1: For Android OS 8.1 & above, location permission is required to complete the registration process.
You may disable it later.

Note 2: Please turn off LTE/mobile data on your phone during the registration process to ensure seamless registration.
You may enable it later.

ii. Select 'Smart USB AC Controller' from the list of devices.



i



ii

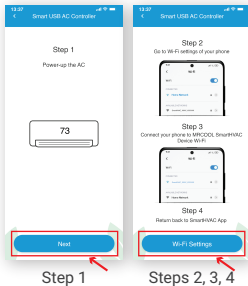
3B. REGISTRATION - ANDROID USERS

Step 1: Power-up the Air Conditioner and tap 'Next' on the MRCOOL SmartHVAC App.

Step 2: Tap the 'Wi-Fi Settings' button as highlighted in red.

Step 3: Connect your phone to the Smart USB AC Controller Wi-Fi (**SmartHVAC_xxxx_xxxxxx**).

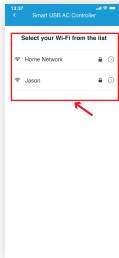
Step 4: Come back to the 'MRCOOL SmartHVAC' App.



3B. REGISTRATION - ANDROID USERS

Step 5: Your phone will show the list of available Wi-Fi networks.

Step 6: Select your preferred Wi-Fi network from the list, enter the password and tap the 'Connect' button.



Step 5



Step 6

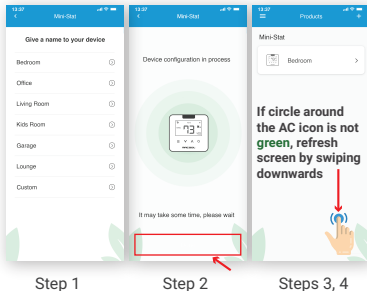
4. REGISTRATION - iOS / ANDROID

Step 1: Customize your device with a name of your choice (for example, Bedroom, Lounge, Office, etc.).

Step 2: Your device has been configured successfully. Tap on 'Done'.

Step 3: After successful configuration, your device will display on your home screen.

Step 4: If the circle around the AC icon is not green please refresh the home screen by swiping downwards (Pull-to-refresh).



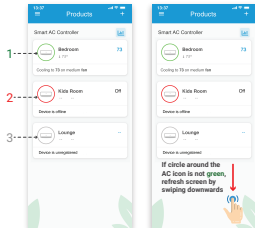
Registration process is complete. Enjoy the unlimited controls!

5. YOUR HOME SCREEN

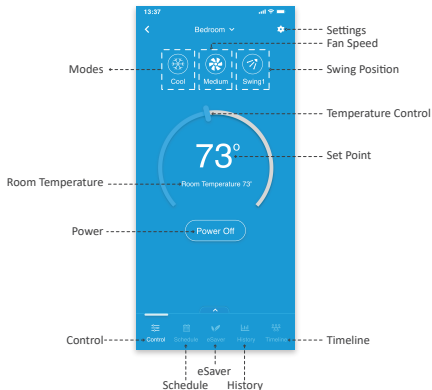
Your home screen shows the real time status of all your Smart HVAC Devices.
The 'Smart USB AC Controller' can show either of the 3 status, outlined in circles:

- 1 - Green** - Device is online. You're good to go!
- 2 - Red** - Device is offline (Try the following options).
 - Ensure your phone is connected to a working internet connection.
 - Refresh home screen by swiping downwards (Pull-to-refresh).
 - Ensure device is connected to a working internet connection (refer to the troubleshooting section at page 16).
- 3 - Grey** - Device is unregistered (try the following options).
 - Ensure your phone is connected to a working internet connection.
 - Refresh home screen by swiping downwards (Pull-to-refresh).

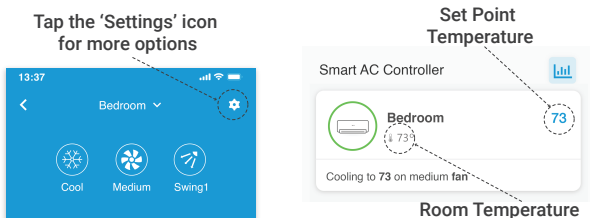
Note: In cases where the Smart USB AC Controller is not appearing online, please refer to the Troubleshooting section at page 16 of this manual.



6. ENJOY THE UNLIMITED FUNCTIONALITIES



6. ENJOY THE UNLIMITED FUNCTIONALITIES (CONT'D)



Smart USB AC Controller Works With Amazon Alexa & the Google Assistant

Note: User manual may be subject to change with time. For latest version, please visit: www.mrcool.com

TROUBLESHOOTING: CHANGING Wi-Fi NETWORK OF SMART USB AC CONTROLLER

Case 1: Smart USB AC Controller & mobile are on the same Wi-Fi network - Tap on the 'Settings' icon to enter device settings. Tap on the 'Device Wi-Fi' button, and then on 'Change Wi-Fi'. List of available networks will appear. Enter password of the selected network. New settings are now done.

Case 2: Smart USB AC Controller & mobile are on different Wi-Fi networks - Go to your mobile settings screen and connect your mobile with the same Wi-Fi network as the Smart USB AC Controller. The remaining process is same as given in case 1.

Note: In case your mobile couldn't connect to the same Wi-Fi network as Smart USB AC Controller, press LED button on your mini split remote control 7 times within one minute. Now follow the instruction as given in case 3.

Case 3: Smart USB AC Controller is in AP (Access Point) mode - Connect mobile with the Smart USB AC Controller Wi-Fi i.e. **SmarHVAC_xxxx_xxxxxx** in mobile Wi-Fi settings. Go back to the 'MRCOOL SmarHVAC' App. Simply tap on the 'Settings' icon to enter the device settings. Tap on the 'Device Wi-Fi' button, and then on 'Change Wi-Fi'. List of available Wi-Fi networks will appear. Enter password of the selected Wi-Fi network. Your new Wi-Fi settings are done.

LIMITED PRODUCT WARRANTY FOR END USERS

1. MRCCOOL warrants to the owner of the enclosed MRCCOOL Smart HVAC Controller that the MRCCOOL Smart HVAC Controller contained in this box ("Product") will be free from defects in materials and workmanship for a period of one (1) years from the date of delivery, following the original retail purchase (the "Warranty Period").

2. If the Product fails to conform to this Limited Warranty during the Warranty Period, MRCCOOL will, at its sole discretion, either repair or replace any defective Product or component.

3. Repair or replacement may be made with a new or refurbished product or components, at MRCCOOL's sole discretion.

4. If the Product or a component incorporated within it is no longer available, MRCCOOL may replace the Product with a similar product of similar function, at MRCCOOL's sole discretion.

This is your sole and exclusive remedy for breach of this Limited Warranty.

5. Any Product that has either been repaired or replaced under this Limited Warranty will be covered by the terms of this Limited Warranty for the longer of ninety (90) days from the date of delivery or the remaining Warranty Period. This Limited Warranty is non-transferable from the original purchaser to subsequent owners and the Warranty Period will not be extended in duration or expanded in coverage for any such transfer.

6. WARRANTY CONDITIONS; HOW TO GET SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY

Before being able to claim under this Limited Warranty, the owner of the Product must (a) notify MRCCOOL of the intention to claim by visiting our website during the Warranty Period and providing a description of the alleged failure, and (b) comply with MRCCOOL's return shipping instructions.

7. WHAT THIS LIMITED WARRANTY DOES NOT COVER

This warranty does not cover the following (collectively "Ineligible Products"): Products marked as "sample" or sold "AS IS"; or Products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the User's Guide or other instructions provided by MRCCOOL; (c) abuse or misuse of the Product; (d) breakdowns, fluctuations, or interruptions in electric power or the telecommunications network; or (e) Acts of God, including lightning, flood, tornado, earthquake, or hurricane. This warranty does not cover consumable parts, unless damage is due to defects in materials or workmanship of the Product, or software (even if packaged or sold with the product). Unauthorized use of the Product or software can impair the Product's performance and may invalidate this Limited Warranty.

8. DISCLAIMER OF WARRANTIES

EXCEPT AS STATED ABOVE IN THIS LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, MRCCOOL DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, MRCCOOL ALSO LIMITS THE DURATION OF ANY IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.

9. LIMITATION OF DAMAGES

IN ADDITION TO THE ABOVE WARRANTY DISCLAIMERS, IN NO EVENT WILL MRCCOOL BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES FOR LOST DATA OR LOST PROFITS, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR THE PRODUCT, AND MRCCOOL'S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR THE PRODUCT WILL NOT EXCEED THE ORIGINAL PRICE OF THE PRODUCT.

LIMITED PRODUCT WARRANTY FOR END USERS (CONT'D)

10. LIMITATION OF LIABILITY

MRCOOL ONLINE SERVICES ("SERVICES") PROVIDE YOU INFORMATION ("PRODUCT INFORMATION") REGARDING YOUR MRCOOL'S PRODUCTS OR OTHER PERIPHERALS CONNECTED TO YOUR PRODUCTS ("PRODUCT PERIPHERALS"). THE TYPE OF PRODUCT PERIPHERALS THAT MAY BE CONNECTED TO YOUR PRODUCT MAY CHANGE FROM TIME TO TIME WITHOUT LIMITING THE GENERALITY OF THE DISCLAIMERS ABOVE. ALL PRODUCT INFORMATION IS PROVIDED FOR YOUR CONVENIENCE, "AS IS", AND "AS AVAILABLE". MRCOOL DOES NOT REPRESENT, WARRANT, OR GUARANTEE THAT PRODUCT INFORMATION WILL BE AVAILABLE, ACCURATE, OR RELIABLE OR THAT PRODUCT INFORMATION OR USE OF THE SERVICES OR PRODUCT WILL PROVIDE SAFETY IN YOUR HOME. YOU USE ALL PRODUCT INFORMATION, THE SERVICES, AND THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR, AND MRCOOL DISCLAIMS ANY ASSOCIATED DAMAGES, INCLUDING TO YOUR WIRING, FIXTURES, ELECTRICITY, HOME, PRODUCT, PRODUCT PERIPHERALS, COMPUTER, MOBILE DEVICE, AND ALL OTHER ITEMS AND PETS IN YOUR HOME, RESULTING FROM YOUR USE OF THE PRODUCT INFORMATION, SERVICES, OR PRODUCT. PRODUCT INFORMATION PROVIDED IS NOT INTENDED AS A SUBSTITUTE FOR DIRECT MEANS OF OBTAINING THE INFORMATION. IN ADDITION TO THE ABOVE, IN NO EVENT WILL MRCOOL BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, ACCIDENTAL, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES ARISING DUE TO THE USAGE OF PRODUCT OR PRODUCT PERIPHERALS.

11. VARIATIONS THAT MIGHT APPLY TO THIS LIMITED WARRANTY

Some jurisdictions do not allow limitations on how long an implied warranty lasts or exclusions/limitations on incidental or consequential damages, so some of the limitations set out above may not apply to you.

Supplier
MRCOOL
48 Remington Way, Hickory, KY 42051
www.mrcool.com



Technical Specifications
Smart USB AC Controller for
Air-Conditioners & Heat Pumps
Model: BI-03
Operating Voltage: 5V DC
Radio: 2.4 Ghz Wireless Module
Wireless Module: IEEE 802.11 b/g/n
Processor: ARM 32bit
Placement: Inside the Air Conditioner



Contains FCC ID: 2ADUIESP-12-F
This device is compatible with part 15 of the FCC Rules.
Operation is subjected 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.

For any queries, visit: www.mrcool.com