



HVACIQ

Quick Start Installation Instructions

STEP 1 - PREPARATION

Prepare your workspace by locating the HVAC disconnect switch and/or breaker and switching them to OFF (**Figure 1**). Next, identify your HVAC thermostat wiring and where you will mount the controller. Use the DIN Rail mounting method to mount to any secure surface where you have access to the wiring, such as in a cabinet or on the unit itself. Use the Wall Plate method to mount to a junction box in the wall where you have access to the wiring. Follow the instructions below for your preferred mounting method before connecting the wiring to the controller.

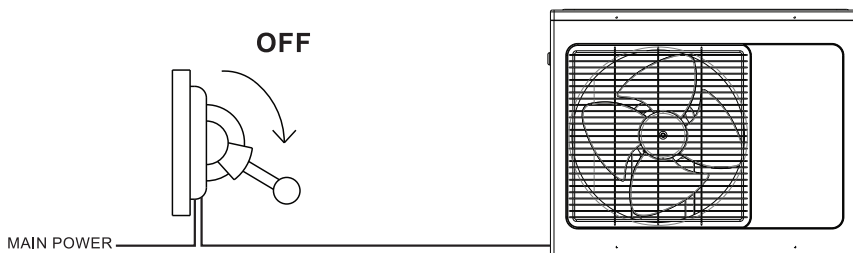


Figure 1

DIN MOUNT

Locate an area on a solid surface, such as in a cabinet, or on the HVAC chassis or plenum, that is in proximity to the thermostat wiring. Mount the DIN rail horizontally, using 2 screws (**Figure 2**). Choose an area where the screws will not come in contact with anything behind the surface. Attach the DIN clip to the back of the controller using the (2) black screws (**Figure 3**). Proceed to **STEP 2 - WIRING**.

WALL PLATE MOUNT

Use the Wall Mount Plate (**Figure 4**) to attach to a junction box in the wall. Feed the wiring through the cutout. Be sure to orient the plate as shown, with the large keyhole openings on top and the wiring cutout on the right side. Install the (4) silver screws into the threaded inserts on the back of the controller (**Figure 5**).

Proceed to **STEP 2 - WIRING**.

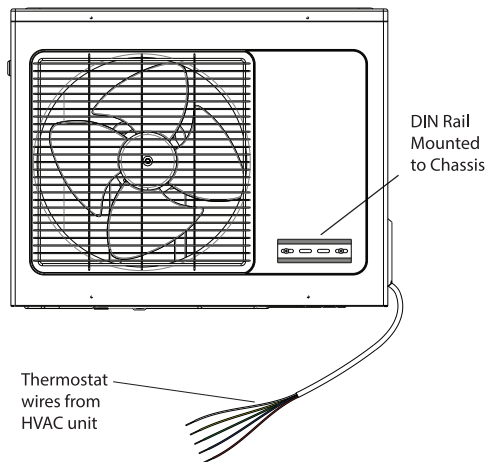


Figure 2

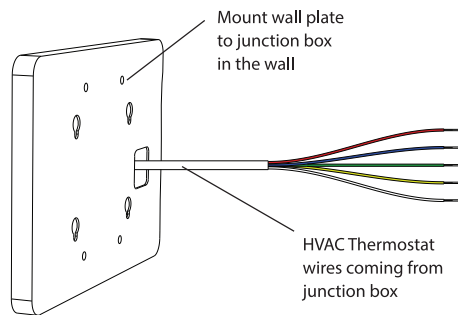


Figure 4

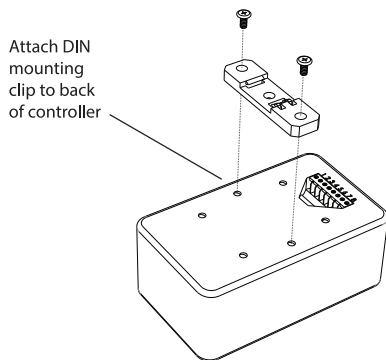


Figure 3

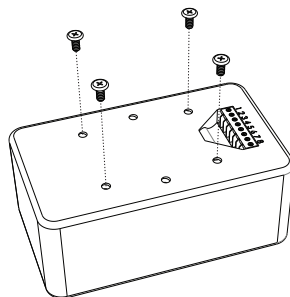


Figure 5

STEP 2 - WIRING

Locate and identify the HVAC thermostat wiring. For cooling only, there will be 4-wires to connect to the controller. If there is also heating, there will be 5-wires. The wire colors may vary, depending on the installer, so it is important to verify the function of each wire before making your connections, in order to avoid damaging the controller and/or the equipment. If you are uncertain, consult with your HVAC installer. Strip 4" of jacketing from the cable, and then strip 1/4" of insulation from each conductor, being careful not to nick or damage any of the wires or insulation (**Figure 6**).

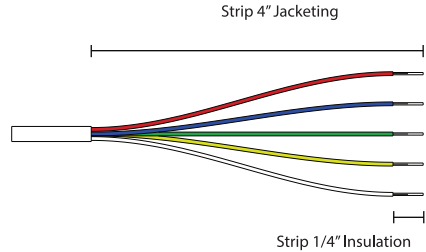


Figure 6

THERMOSTAT WIRING:	CONTROLLER:
24VAC (usually Red)	Terminal 1
Common (Usually Blue)	Terminal 2
Fan/Blower (Usually Green)	Terminal 3
Compressor (Usually Yellow)	Terminal 4
Heat (Usually White)	Terminal 5

Table 1

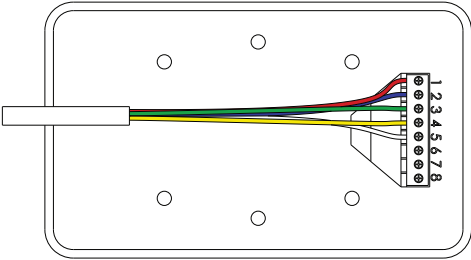


Figure 7

Use the screwdriver to open the screws for terminals 1-5 completely. Starting with Terminal 1, carefully connect each conductor of the thermostat wiring, one wire at a time, according to **Table 1**. Make sure the end of each wire is securely inserted all the way into the barrel of the terminal block before tightening each screw securely (**Figure 7**).

STEP 3 - FINAL MOUNTING

After wiring is securely attached, mount the controller in its permanent location. For DIN mounting, hook the top of the DIN clip on the back of the controller to the top edge of the DIN rail and pull down while pushing in (**Figure 8**). Release when the controller attaches to the rail (**Figure 9**). For wall mounting, align the heads of the 4 screws with the large keyholes in the wall plate, insert them into the holes, and slide downward to lock into place.

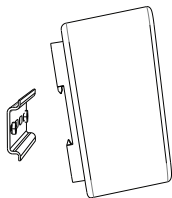


Figure 8

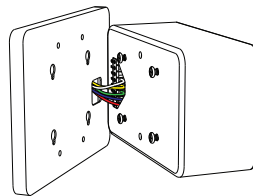


Figure 10

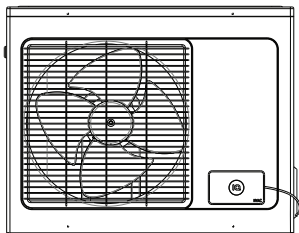


Figure 9

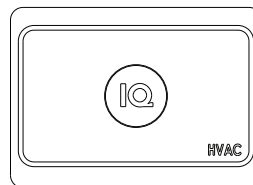


Figure 11

STEP 4 - POWER ON

Restore the power to the HVAC unit (**Figure 12**) and verify that the controller's center light is green (solid or blinking).

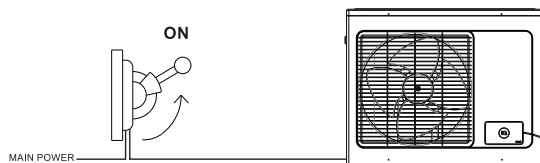


Figure 12

STEP 3 - CONNECTING TO WIFI NETWORK

After installing your Unifi network components and access points, login to your router and create a new 2.4Ghz wireless network (**Figure 13**) with the following name (SSID) and password:

SSID: setup

PW: gcsetup1234

Note: You can change the network name after initial device connection by going to 'WiFi' in the Room Menu.

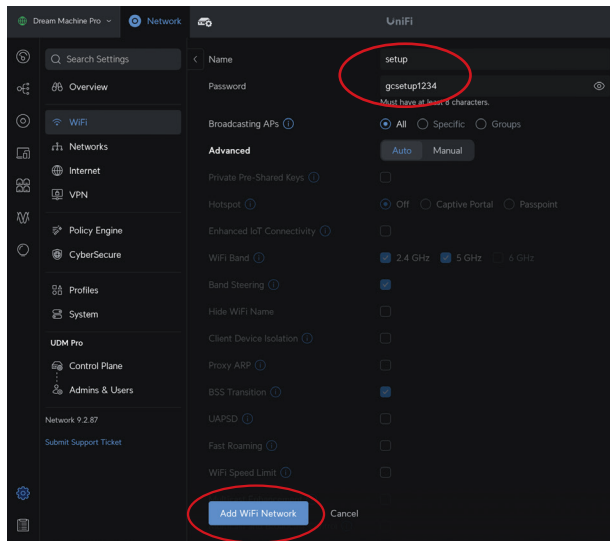


Figure 13

Once the new WiFi network is created, the HVAC-IQ Controller will automatically join it when in range. You will know the controller is paired to your network when the green light on the controller becomes solid green and stops blinking.

STEP 4 - ADD CONTROLLER TO YOUR ACCOUNT

Add the controller to your account by logging into the ClimateIQ App, and navigating to the room that you wish to add the device to. Open the menu in the upper right, and click 'Add new Device' (Figure 14). Click the QR icon (Figure 15) to quickly add the controller to your account by using your phone's camera (Figure 16), or follow the prompts to manually enter the controller's MAC Address and PIN number to add the device to your account.

Once the controller is added to your account, you can change its settings by accessing it through the room.

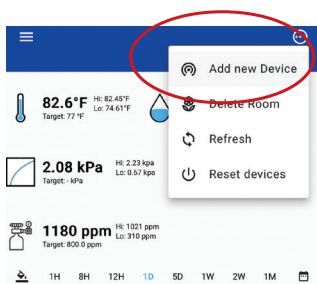


Figure 14



Figure 15

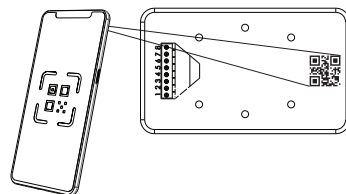


Figure 16

ClimateIQ HVAC-IQ - Quick Start Instructions

The ClimateIQ HVAC-IQ Controller is an IoT device that connects to your HVAC system in place of a thermostat and converts it to digital control, opening up an entire new host of features and climate control options. The ClimateIQ HVAC-IQ Controller requires a ClimateIQ Sensor.



Scan the QR Code for Instructions

In the box:



HVAC
Controller



Wall Mount
Plate



DIN
Clip



DIN
Rail



Screws



Reversible
Screwdriver

Download the App



www.climateiq.app

CLIMATEIQ