TJ-550 Wi-Fi Thermostat

User Manual

vine
Smart, yet Simple.



User Manual

Electronic manual and installation video

1. This user manual only includes installation and simple setup instructions. For the more detailed operating instructions and user guide, scan the QR code.

2. Watch installation video by scanning the QR code.



Electronic manual

Installation Video

WE ARE HERE TO HELP, 24/7 !

WEBSITE： www.vineconnected.com

EMAIL： support@vineconnected.com

HOTLINE： 1-800-264-3457(09:00am~05:00pm MON~FRI PST)

Vine App Setup

1. To download the "Vine Thermosat" or "Smart life" app, scan the QR code or search "Vine Thermosat" or "Smart Life" in the Apple App Store or Google Play Store.

iOS/Android

App Download

Download on the APP Store

GET IT ON Google Play

2. Open the "Vine Thermostat" or "Smart Life" app. If you already have an account, tap Sign In. To create a new account, tap Sign Up.

Note: You must create your own Vine account to use third-party services and products. These will not work with a guest account. With a Vine account, you can also allow your family and friends to control your smart thermostat.

3. Tap + and select your smart thermostat.

4. Follow the in-app instructions to set up your smart thermostat.

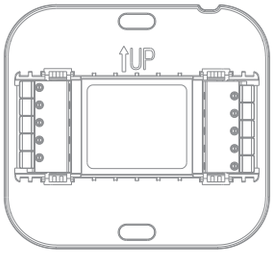
Note: You can change the name and icon at any time by going to the smart thermostat screen and tapping. You can use the Vine app to connect your smart thermostat to Amazon Alexa or Google Assistant.

Vine Thermostat - A smart Choice for Smart Life!

Items included in box:



Wi-Fi Thermostat



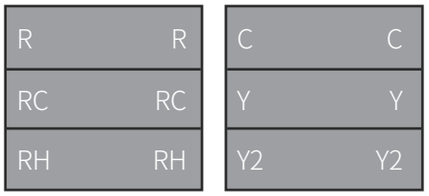
Wall Plate



Large Trim Plate



Screws Sets



Wiring labels

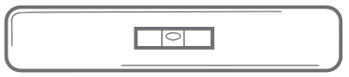


User Manual

You may also need these tools:



Phillips screwdriver



Level



Pencil



Home Wi-Fi Password

Compatibility

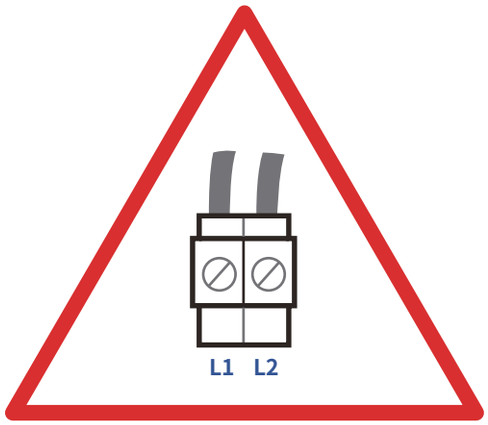
- ✔ Conventional (2H/2C)
- ✔ Heat Pump (4H/2C) include Auxiliary Heat or Emergency Heat
- ✔ Gas, Oil, Electric
- ✔ Dual Fuel Support

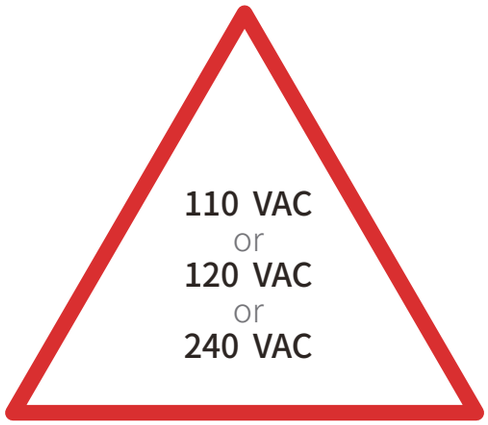
*** Require C-Wire to power the thermostat(24V-AC)**

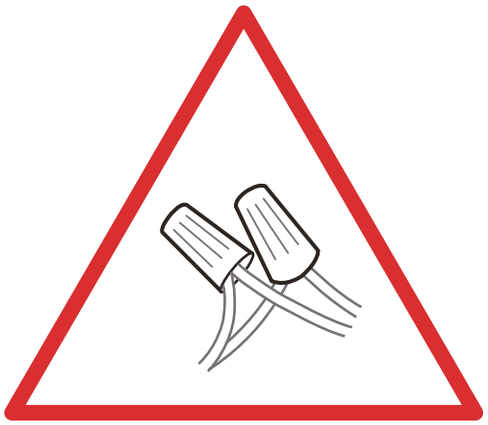
Incompatible wiring and voltage

Please check your old thermostat for compatibility to see if it:

- **Does not work with electric baseboard heat (110VAC~240V AC)**
- **Does not work with millivolt systems**
- **Does not support S terminals for indoor and outdoor sensors.**





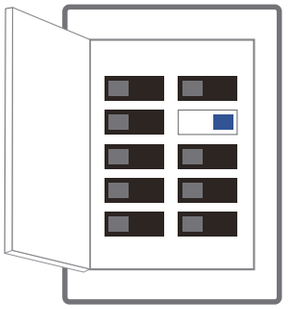


Note: If you are not sure, please contact a processional or call 1-800-264-3457

Installation

Step 1 Switch off the power

IMPORTANT as this protects you from blowing a fuse in your equipment. To make sure the power is off, change the temperature with your current thermostat and wait for at least 5 minutes to be sure that the system is OFF.



Breaker Box

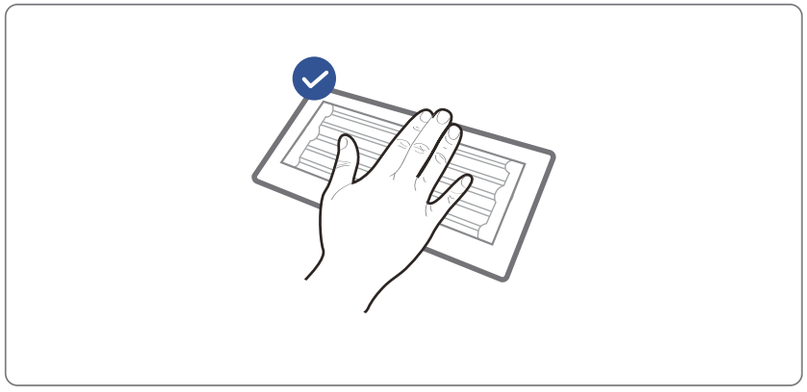
or

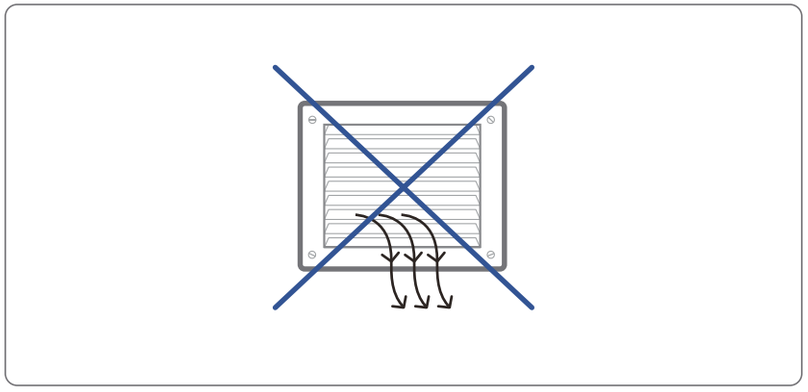


Switch

Step 2 Check that your system is off

Confirm your system is off by turning on your heat(during winter) or your AC(during summer). Wait a few minutes-you should not feel air coming from your vents.





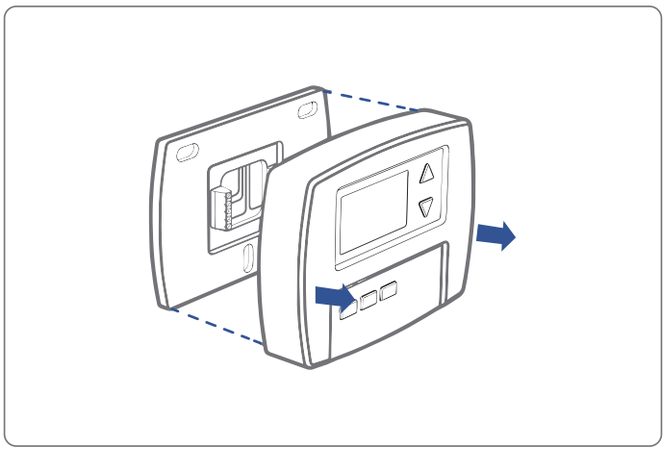
NOTE : If you have a digital thermostat that has a blank display, skip this step.

Step 3

Remove your old thermostat from the wall-plate

Most thermostats allow you to remove the main unit and provide access to a wall plate which holds the wiring terminals, you can take off the thermostat by grasping and gently pulling. Some thermostats may have screws, buttons, or clasps.

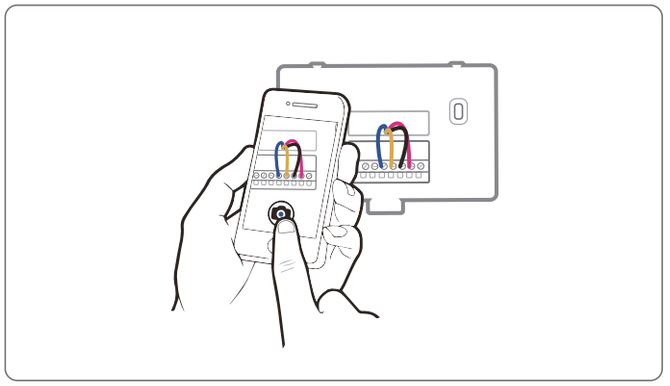
Note: Do not remove any wires from your thermostat at this time!



Step 4

Take a picture of the wiring

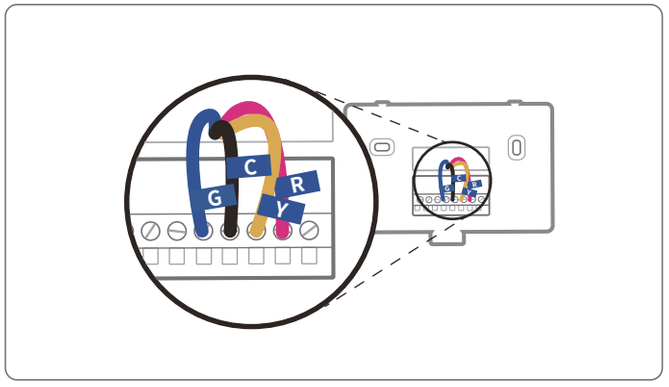
Take a picture of your existing wall plate’ s wiring and save it for reference. Make sure you can read the wire terminal labels.



Step 5

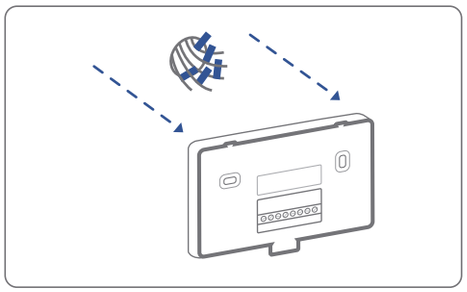
Label the wires

Label the old wall plate with our new thermostat labels from packing box.



Step 6 Disconnect the wires and remove the old wall plate

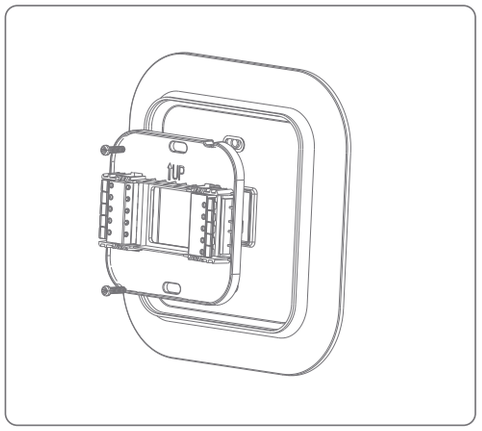
Disconnect the wires from the old thermostat one by one, you may need a screwdriver to release wires from terminals. Unscrew and take off the mounting plate of your old thermostat from the wall.

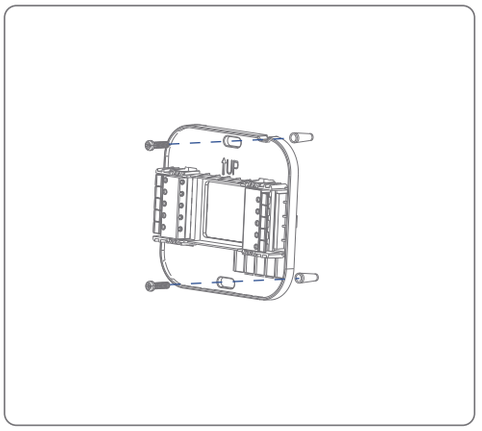


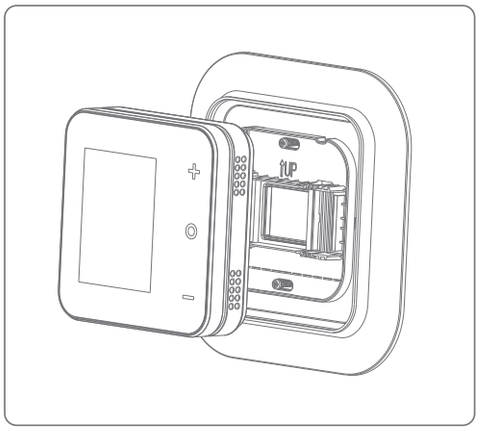
Note: Wrap the wires around a pen or pencil so they don’ t fall back.

Step 7 Mount the new wall plate

- You can choose to use the trim plate which comes along with your thermostat. The trim plate is useful if you want to hide marks or holes left on the wall of your old thermostat.
- If the trim plate is to be used, then align the mounting holes on the trim plate and wall plate and press them together
- Pull the wires trough the hole in the middle of the wall plate and attach the wall plate to the wall using the screws sets(screw& anchor) to mount the new wall plate. Be sure to check the alignment of your wall plate before and after the wall plate installation.



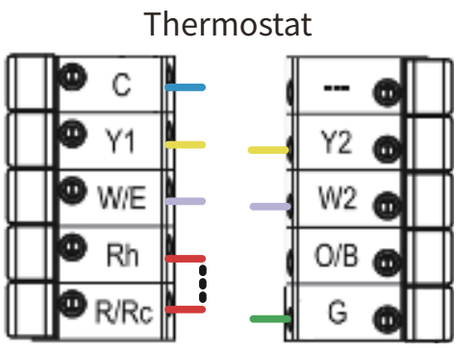




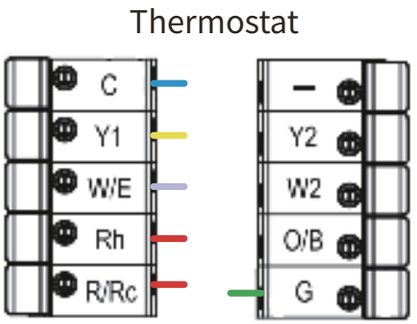
Use the picture you took before as reference to wire, the following chart is a wiring diagram for common systems, please make sure that a C -wire exists in our old thermostat system.

Terminal	Conventional System	Heat Pump System
RC	Power for cooling, 24V	Power for cooling, 24V
RH	Power for heating, 24V	Power for heating, 24V
C	Common wire, 24V	Common wire, 24V
G	Fan	Fan
Y	1st Stage Cool	1st outdoor Stage Heat
Y2	2nd Stage Cool	2nd outdoor Stage Heat
W2	2nd Stage Heating	Auxiliary Hear activated at W2
W/E	1st Stage Heat	Emergency Heat activated at W1
O/B	------	Changeover (reversing valve) connection for heat pump

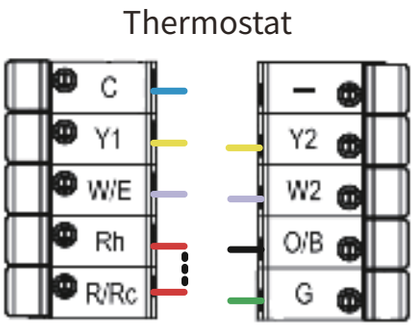
Conventional Heating and Cooling (Up to Two Stage each)



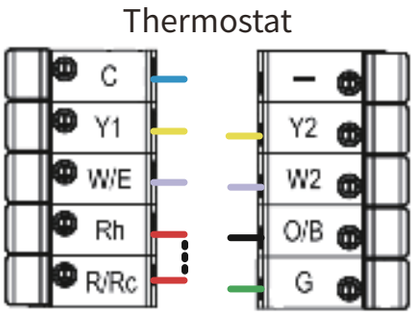
Combined Single Stage Heat and Single Stage Cool with C-Wire Furnace and Air Conditioner



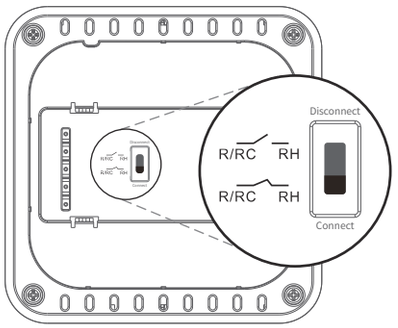
Single Stage Heat/Two Stage Heat Pump with Emergency Heat and Auxiliary Heat with C-Wire



Dual Fuel System-Combined Single/ Two Stage Heat Pump and Single/ Two Stage Furnace with C-wire



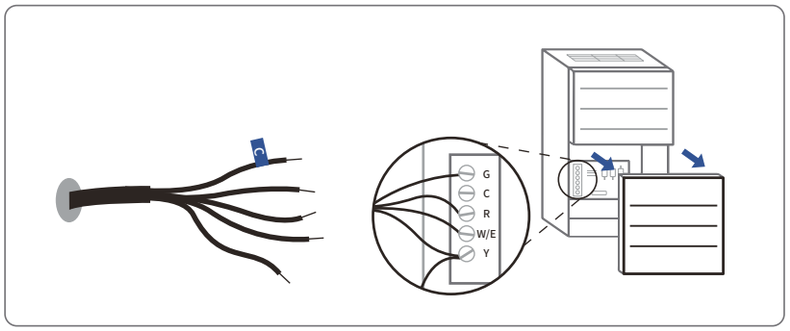
*The switch is used to connect R/RC with RH. If you have two power wires (R/RC and RH), please flip the switch to the disconnect side to disconnect R/RC with RH.

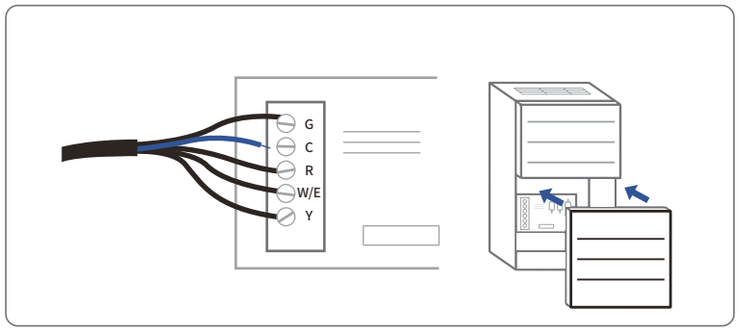


If C- wire does not exist in your system, check the instruction below:

Do you have a spare wire? Yes.

1 . Check for spare wire behind your wall plate of old thermostat, if you have a spare wire, connect it to the C terminal on the new wall plate.
2 . Remove cover from furnace or heating system, open the heating and cooling system to find the control board where you should find the same terminal labels as of the thermostat.
3 . Find the other end of the spare wire, locate the bundle of wire with the same labels as that of your thermostat.
4 . Connect the spare wire to the C-terminal,
5 . Close the cover to the furnace or heating system.

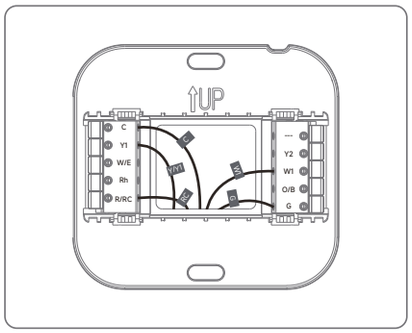




Step 8

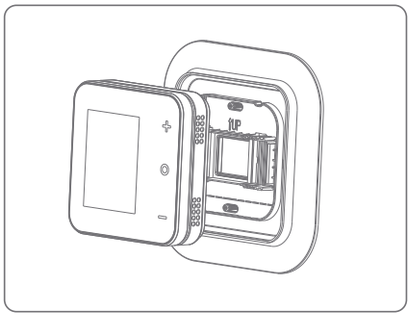
Connect the wires to the new wall plate

Insert your remaining wires into the side(not the front) of their corresponding terminal blocks. Pull wires to ensure wires are securely connected. When all wires are connected well, place excess part of the wires back to the wall.



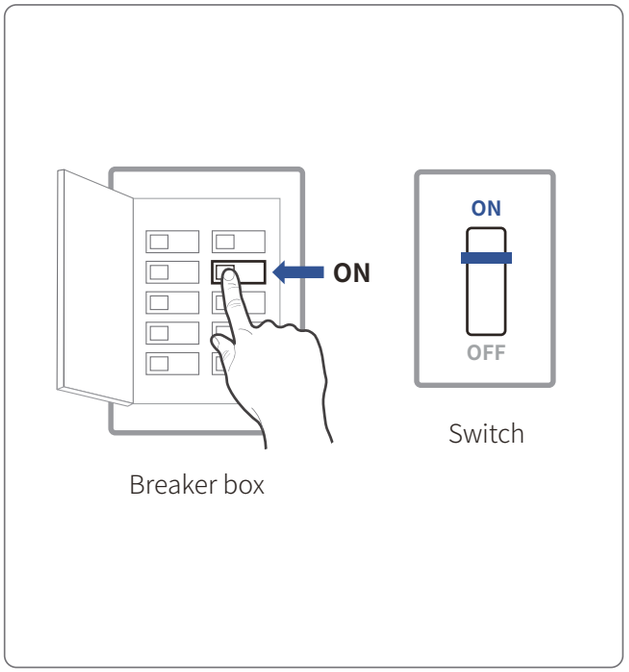
Step 9 Install the thermostat to the wall plate

First aim the four clips of the back plate of the thermostat, the gently push and fit the wiring pole to the terminals on the wall plate.



Step 10 Power on and enjoy

Turn on the switch that controls your heating and cooling system, the thermostat will be powered on and prompt you to start the setup. If you have any trouble installing the device or app, check the below information for help, simply visit our website for installation videos.



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HOTLINE : 1-800-264-3457(09:00am~05:00pm MON~FRI PST)

Congratulations, you did it!

Say hi to your new thermostat ! To complete , follow the instruction on your thermostat screen.



Device Main Screen



Device Initial Setup

For a quick and easy way to begin using your new smart thermostat, the device will automatically direct you to the Initialization Setup process once it’ s turned on for the first time.

1 Heat Type

Select your home’ s HVAC type from the options available:

Gas /Oil /Furnace , Electric , Heat Pump, Dual Fuel or no Heating , select according to your heating system.



Below is a list of possible examples which may help you to select correctly:

NOTE : If you are not sure of which one to select, contact 1-800-264-3457

If you have a furnace or boiler installed:

1. Select Gas/ Oil and touch “O” button to next step;
2. Then select appliance or thermostat depending on your personal preferences for fan control, after use “+” or “—” to select “Next” at the bottom and tap “O” to continue.

If you have a electric system:

1. Select Electric and touch “O” to next step;
2. Select “Next” at the bottom and tap “O” to continue.

If you have a heat pump:

1. Select Heat Pump and touch “O” to next step;
2. Specify what the Heat Pump runs when the O/B Reversing Valve is engaged: On Cool runs cooling when O/B engages;
3. Select “Next” at the bottom and tap “O” to continue.

If you have a dual fuel system:

1. Select Dual Fuel and tap “O” to next step;
2. Then follow the on-screen instructions to configure the fossil fuel heating appliance settings;
3. Select “Next” at the bottom to continue to configure the heat pump heating appliance settings.

If you have a no heating appliance:

1. Select No Heating and tap “O” to next step;
2. Select “Next” at the bottom and tap “O” to continue.

2 Create your Home

After creating an account, signing in to the Vine App, the App will ask you to “Create My Home” or “Join a Home”, if you are owner of the thermostat, select “Create my Home”.
Enter a home name and address to enable weather forecast, timezone and more information on this device, then select “Save Home” and tap O to continue.

3 Add device

A reliable Wi-Fi connection is required in order to access smart features such as remote access, weather forecast and more. Please follow on-screen instructions to complete the Wi-Fi setup.

If you have your Vine thermostat installed by a professional or if a Vine Thermostat is installed by yourself while it' s not yet connected to Wi-Fi, choose "Yes, it is installed", the App then will start right away to connect your thermostat to Wi-Fi.

a. Select "Wi-Fi Setup" and follow instruction to start Wi-Fi connection.
b. After signing into your account, tap "+" icon on the screen to add new device, which under this case the TJ-550.
c. Follow the the step-by-step instruction in the Vine app. The Wi-Fi connection process will be slightly different dependent to your phone' s operation system(iOS/Android).
d. Congratulation! Now you can enjoy to control your thermostat by App.







Note: If you skip this step during the first time connection, you will be required to connect Wi-Fi by steps: Menu-> Wi-Fi Connect->Wi-Fi Setup and follow the instruction on screen to finish the Wi-Fi connection.

APP Main Screen



Additional Features

Except from the above basic settings, Vine Smart Wi-Fi Thermostat also provides possibility to connect to the Alexa and Google Assistant, hence helps you to control your room temperature by voice control. Follow our instructions below to get connected with Alexa/Google:

How to connect to Alexa?

1 . Download and register the thermostat as instructed in page 1~22.
2 . Download Amazon Alexa App and set up your Alexa-enabled device.
3 . Tap "Menu" button on the upper left corner of Alexa app main screen.
4 . IMPORTANT Step- link the Skill.

1. Tap "Skills" in Alexa app menu.
2. Type and search "Vine Thermostat",then select and tap "enable" to enable the skill
3. Enter Vine Thermostat App login account to Alexa Skill.

Now you can control your thermostat over Amazon Alexa.

5 . Common commands:
Common commands for Alexa to control Vine Thermostat:

Alexa, turn (Device Name) on.
Alexa, turn (Device Name) off.
Alexa, Change (Device Name) mode to Coo/Heat/Auto.
Alexa, Increase (Device Name) by __ degrees.
Alexa, Decrease (Device Name) by __ degrees.
Alexa, Set (Device Name) to __ degrees.
Alexa, what is the (Device Name) set to?
Alexa, what is the temperature of the (Device Name)?

Try out some of the commands and enjoy!

How to connect to Google Assistant?

1 . Download and register the thermostat as instructed in page 1~22.
2 . Download Google Home app and setup your Google-enabled device.
3 . Tap "+" button in the middle of the Google Home app screen.
4 . IMPORTANT Step-link the Action.

1. Tap the sidebar menu on the upper left corner of the main page of Google Home, select Home Control" .
2. Tap the "+" button on the lower right corner and search for "Vine Thermostat" .
3. Tap open "Vine Thermostat" and select country, then enter app account/password and tap "Link Now" to link your Vine account to Google.
4. Enter Vine Thermostat login account to Google Skill.

Now you can control your thermostat over Google Home.

Control your smart device with Google Home
Common commands for Google Home to control Vine Thermostat:

Hey Google, what' s the __ temperature?
Hey Google, make it warmer (or cooler)
Ok Google, set the temperature to __ degrees
Ok Google, raise (or lower) the temperature __ degrees
"Ok Google, what is the current temperature in the Bedroom?
"Hey Google, what' s the Living Room set to?
"Ok Google, what' s the temperature of my thermostat?
"Ok Google, turn on heat mode in the Bedroom"
"Hey Google, change to automatic mode in the Living Room"
"Ok Google, turn on cool mode in the Bedroom"

NOTE : Google Home currently supports only English Commands.

works with the Google Assistant

Limited Warranty

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2. TOTAL SATISFACTION RETURN POLICY

If you are the original purchaser of the Product and you are not satisfied with this Product for any reason, you may return it in its original condition within thirty days of the original purchase and receive a full refund.

3. WARRANTY TERMS; HOW TO RECEIVE SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY

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This Limited Warranty does not cover the following (collectively "Ineligible Products"): (i) Products marked as "sample" or "Not for Sale", or sold "AS IS"; (ii) 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 VINE CONNECTED; (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 but not limited to lightning, flood, tornado, earthquake, or hurricane; or (iii) any non-VINE CONNECTED branded hardware products, even if packaged or sold with VINE CONNECTED hardware. This Limited Warranty does not cover consumable parts, including batteries, unless damage is due to defects in materials or workmanship of the Product, or software (even if packaged or sold with the product). VINE CONNECTED recommends that you use only authorized service providers for maintenance or repair. Unauthorized use of the Product or software can impair the Product' s performance and may invalidate this Limited Warranty.

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IN ADDITION TO THE ABOVE WARRANTY DISCLAIMERS, IN NO EVENT WILL VINE CONNECTED 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 VINE CONNECTED' TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR THE PRODUCT WILL NOT EXCEED THE AMOUNT ACTUALLY PAID FOR THE PRODUCT BY THE ORIGINAL PURCHASER.

7. LIMITATION OF LIABILITY

THE VINE CONNECTED ONLINE SERVICES ("SERVICES") PROVIDE YOU INFORMATION ("PRODUCT INFORMATION") REGARDING YOUR VINE 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". VINE CONNECTED 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 VINE CONNECTED DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR 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 BY THE SERVICES IS NOT INTENDED AS A SUBSTITUTE FOR DIRECT MEANS OF OBTAINING THE INFORMATION. FOR EXAMPLE, A NOTIFICATION PROVIDED THROUGH THE SERVICE IS NOT INTENDED AS A SUBSTITUTE FOR AUDIBLE AND VISIBLE INDICATIONS IN THE HOME AND ON THE PRODUCT, NOR FOR A THIRD-PARTY MONITORING SERVICE THAT MONITORS ALARM STATE.

8. YOUR RIGHTS AND THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states, provinces or jurisdictions. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction and you may wish to contact a relevant consumer advisory service. Please visit our website for the complete disclosure of this statement



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