

# TJ126X

## User Manual



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](http://www.vineconnected.com)

**EMAIL:** [support@vineconnected.com](mailto:support@vineconnected.com)

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

## Vine App Setup

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

iOS/Android

App Download



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.

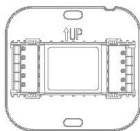
**Note:** You can change the name and icon at any time by going to the smart thermostat screen and tapping. You can use the Vine app to connect your smart thermostat to Amazon Alexa or Google Assistant.

## TJ-126 Thermostat - A smart Choice for Smart Life!

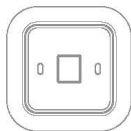
### Items included in box:



Wi-Fi Thermostat



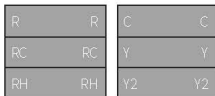
Wall Plate



Large Trim Plate



Screws Sets



Wiring labels



User Manual

### You may also need these tools:



Phillips screwdriver



Level



Pencil



Home Wi-Fi Password

## Compatibility

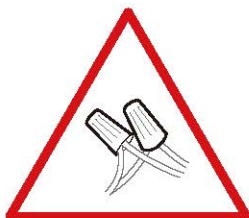
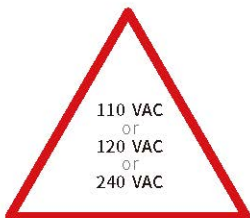
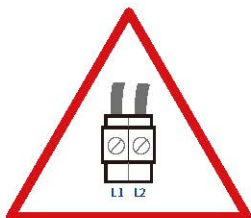
- ✓ Conventional (2H/2C)
- ✓ Heat Pump (3H/2C) include Auxiliary Heat or Emergency Heat
- ✓ Gas, Oil, Electric
- ✓ Dual Fuel Support

\* 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 professional or call 1-800-264-3457.

## Installation

### Step 1 Switch off the power



To make sure the power is off. The electrical shock can cause injury and death.

**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

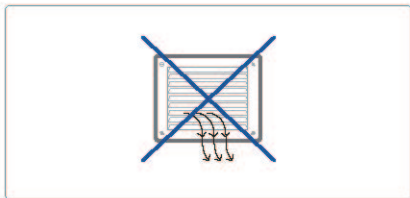
or



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.

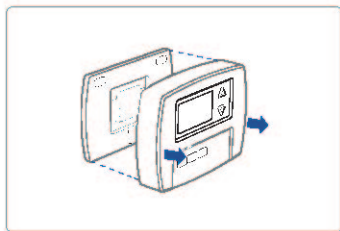


**NOTE:** If you have a digital thermostat that has a blank display, skip this step.

**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**

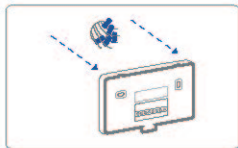
Label the old wall plate with our new thermostat labels from packing box.



**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 the wires from terminals. Unscrew and take off the mounting plate of your old thermostat from the wall.

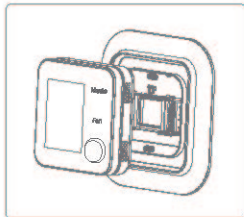
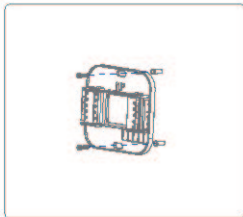
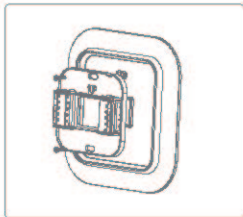
**Note:** Wrap the wires around a pen or pencil so they don't fall back.

**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 through 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.



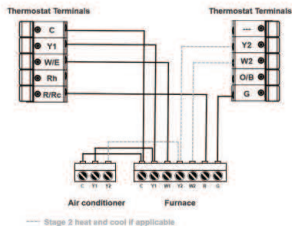
Use the picture you took before as reference to wire, the following chart is a wiring diagram for common systems, please make sure that a C -wire exists in our old thermostat system.

| 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 Heat         | Auxiliary Heat activated at W2                        |
| W/E      |  | 1st Stage Heat         | Auxiliary Heat activated at W1                        |
| O/B      |  | -----                  | Changeover (reversing valve) connection for heat pump |

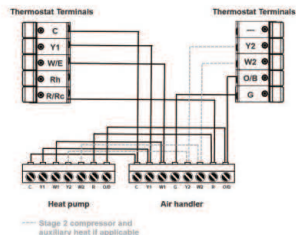
## Wiring diagrams

The following pages provide wiring diagrams for common HVAC equipment configurations.

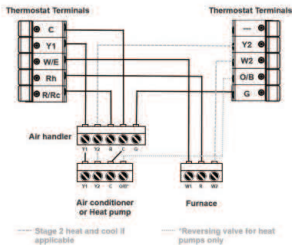
Conventional heating  
and cooling (up to 2  
stages each)



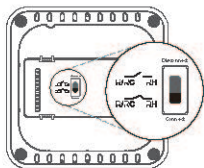
Heat pump (air or  
geothermal) with  
auxiliary heat



Furnace or radiant  
system with air handler  
and conventional  
cooling or heat pump



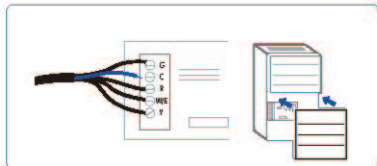
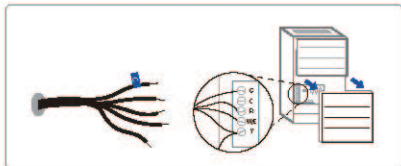
**\*The switch is used to connect R/RC with RH.**  
**If you have two power wires (R/RC and RH),**  
**please flip the switch to the disconnect side**  
**to disconnect R/RC with RH.**



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

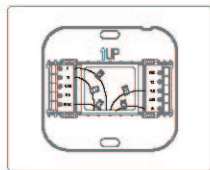
**Do you have a spare wire? Yes.**

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.



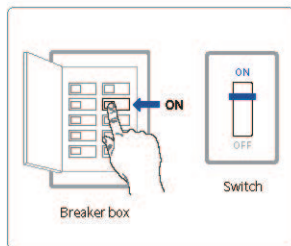
### Step 9 Install the thermostat to the wall plate

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.



## 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 Vine Customer Service.

### **If you have a furnace or boiler installed:**

1. Select Gas/ Oil and press the knob to proceed to the next step.
2. Then select appliance or thermostat depending on your personal preferences for fan control. Rotate the knob clockwise or anticlockwise to select the bottom "Next" option, then lightly press the button to confirm and continue.

### **If you have an electric system:**

1. Select Electric and press the knob to proceed to the next step.
2. Select "Next" at the bottom and press the knob to continue.

**If you have a [heat pump](#):**

1. Select Heat Pump and press the knob to proceed to the 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 press the knob to continue.

**If you have a [dual fuel system](#):**

1. Select Dual Fuel and press the knob to continue.
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 press the knob to continue.
2. Select "Next" at the bottom and press the knob to continue.

## **2** Create your Home

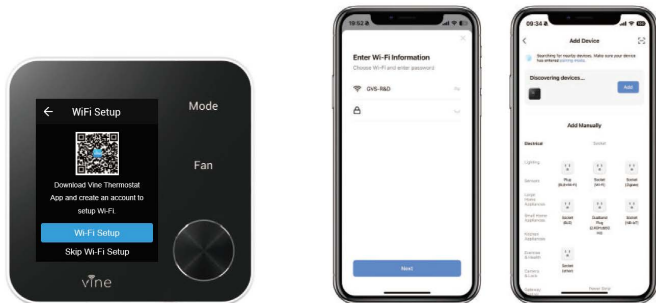
After creating an account, signing in to the Smart Life App, the App will ask you to "Create My Home" or "Join a Home", if you are owner of the thermostat, select "Create my Home", Enter a home name and address to enable weather forecast, timezone and more information on this device, then select "Save Home" and press the knob 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 your Vine thermostat was professionally installed, or if the thermostat was installed by yourself and is not yet connected to Wi-Fi, follow the steps below and your app will immediately begin connecting the thermostat to Wi-Fi.

- Select "Wi-Fi Setup" and follow instruction to start Wi-Fi connection.
- After signing into your account, tap "+" icon on the screen to add new device, which under this case the TJ-126.
- Follow the step-by-step instruction in the Vine thermostat and Smart Life app. The Wi-Fi connection process will be slightly different dependent to your phone's operation system(iOS/Android).
- Congratulations! 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



## Delete an existing period

Swipe left the existing period and select "Delete".



## Copy a schedule

To copy a schedule to other days of the week, tap and select the days you want to copy at the bottom of the screen, then tap "Copy".

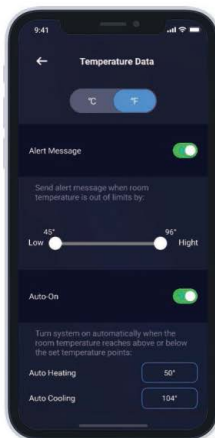
## Save schedule

Use the arrow on the upper left corner to save and return to the schedule list.



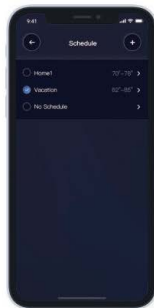
## Device Settings

Follow the on-screen instructions to view and modify the thermostat settings for the night-light, brightness and schedule, date & time, temperature units, safety functions regarding your thermostat.



## Program/Adjust a schedule

1. To modify an existing schedule, select one from the list and edit.
2. To delete an existing schedule, swipe left the schedule and select "Delete".



### Add a New Period

Tap "Add Period" button and select and set starting time, heating setpoint and cooling setpoint.



### Edit an existing period

Tap on the starting, heating or cooling value of the existing period to edit as you desire.



## 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 1~16.
2. Download Amazon Alexa App and set up your Alexa-enabled device.
3. Tap "More" button on the bottom right 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 Use" to enable the skill.
  - 3 Enter Smart Life App login account to Alexa Skill.

Now you can control your thermostat over Amazon Alexa.

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

Alexa, turn (Device Name) on.  
Alexa, turn (Device Name) off.  
Alexa, Change (Device Name) mode to Cool/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 1~16.
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 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.

## Limited Warranty

Please visit <https://www.vineconnected.com/> for more information and 1 year warranty of your device. This limited warranty gives you specific rights.

### FCC Statement

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

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient un émetteur (S)/ récepteur (S) exempté (S) de licence qui est conforme  
Avec l'innovation, la Science  
Et les RSS exemptées de permis de développement économique Canada.  
Le fonctionnement est  
Sous réserve de ce qui suit  
Deux conditions:  
(1) ce dispositif ne peut pas causer d'interférence.  
(2) ce dispositif doit accepter toute interférence, y compris l'interférence qui peut  
Provoquer un fonctionnement indésirable de l'appareil.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.  
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.