

TJ-126 Wi-Fi Thermostat

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

EMAIL: support@vineconnected.com

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

App Setup

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

iOS/Android

App Download



2. Open the "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 "Smart Life" account to use third-party services and products. These will not work with a guest account. With a "Smart Life" 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.

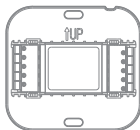
Note: You can change the name and icon at any time by going to the smart thermostat screen and tapping. You can use the "Smart Life" app to connect your smart thermostat to "Amazon Alexa" or "Google Assistant".

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

Items included in box:



Wi-Fi Thermostat



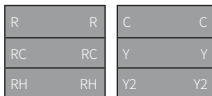
Wall Plate



Large Trim Plate



Screws Sets



Wiring labels



User Manual

You may also need these tools:



Phillips screwdriver



Level



Pencil



Home Wi-Fi Password

Compatibility

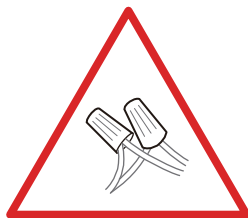
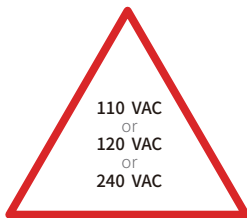
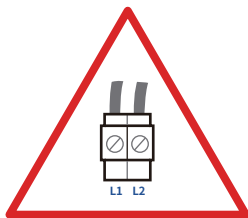
- ✓ Conventional (2H/2C)
- ✓ Heat Pump (3H/2C) include Auxiliary Heat or Emergency Heat
- ✓ Gas, Oil, Electric
- ✓ Dual Fuel Support

* 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.**



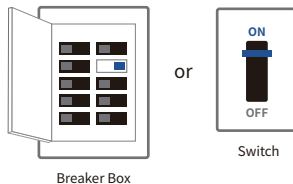
Note: If you are not sure, please contact a professional or call 1-800-264-3457.

Installation

Step 1 Switch off the power

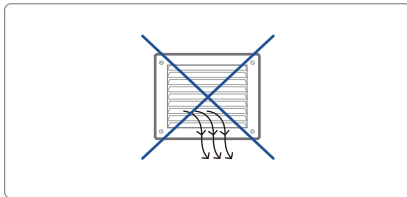
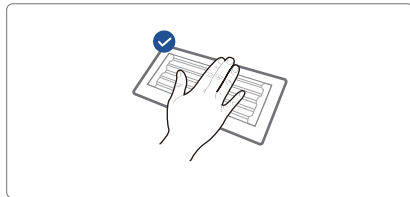
⚠️ Electrical shock can cause injury or death.

IMPORTANT: To ensure the power is off, adjust the temperature on your current thermostat and wait at least 5 minutes to confirm the system has shut down. This step also helps prevent blown fuses in your equipment.



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.

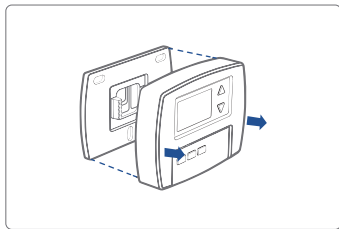


NOTE: If you have a digital thermostat that has a blank display, skip this step.

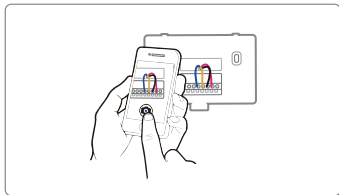
Step 3**Remove your old thermostat from the wall-plate**

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.

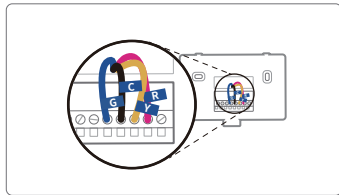
Note: Do not remove any wires from your thermostat at this time!

**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.

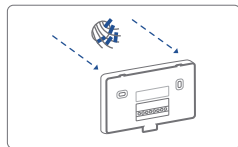


Step 6

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.



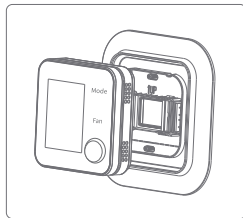
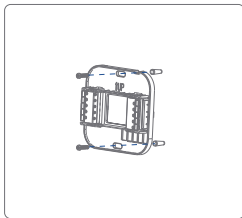
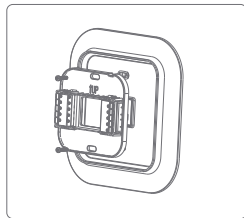
Step 7

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.



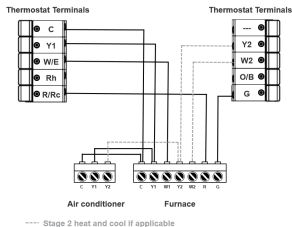
Use the picture you took before as reference to wire, the following chart is a wiring diagram for common systems, please make sure that a C -wire exists in our old thermostat system.

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

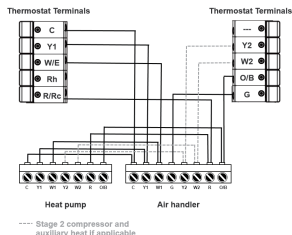
Wiring diagrams

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

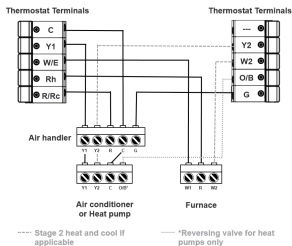
Conventional heating and cooling (up to 2 stages each)



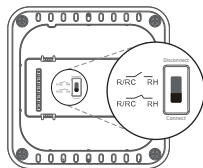
Heat pump (air or geothermal) with auxiliary heat



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



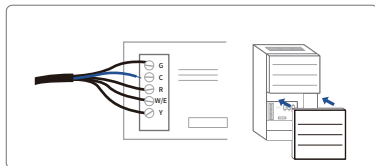
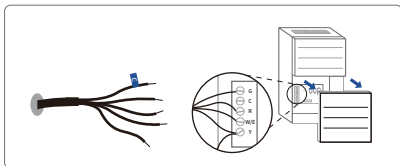
***The switch is used to connect R/RC with RH.**
If you have two power wires (R/RC and RH),
please flip the switch to the disconnect side
to disconnect R/RC with RH.



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

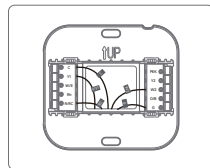
Do you have a spare wire? Yes.

- 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.



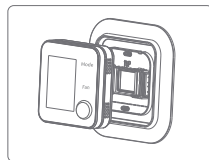
Step 8 **Connect the wires to the new wall plate**

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.



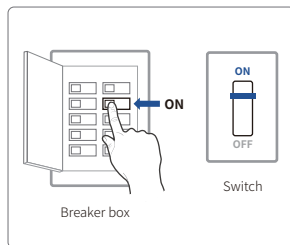
Step 9 **Install the thermostat to the wall plate**

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](#)

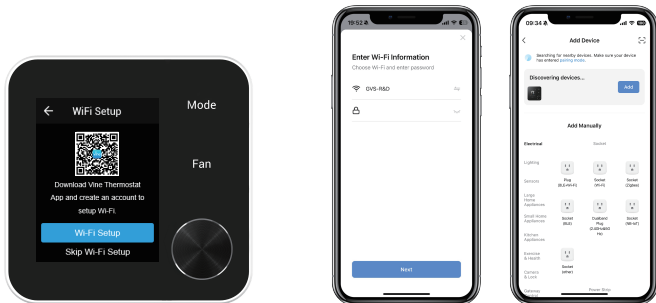
After creating an account, signing in to the Smart Life App, the App will ask you to "Create My Home" or "Join a Home", if you are owner of the thermostat, select "Create my Home". Enter a home name and address to enable weather forecast, timezone and more information on this device, then select "Save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



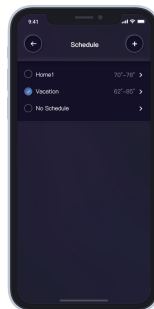
Note: If you skip this step during the first time connection, you will be required to connect Wi-Fi by steps: Menu-> Wi-Fi Connect->Wi-Fi Setup and follow the instruction on screen to finish the Wi-Fi connection.

APP Main Screen



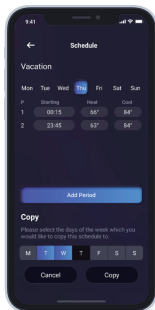
Program/Adjust a schedule

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".



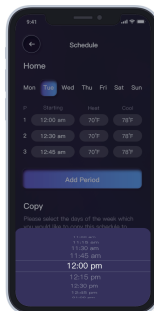
Add a New Period

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



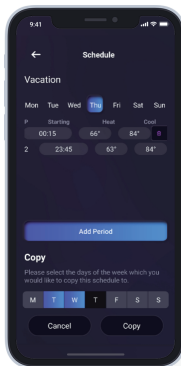
Edit an existing period

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



Delete an existing period

Swipe left the existing period and select "Delete".

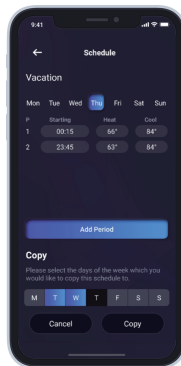


Copy a schedule

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".

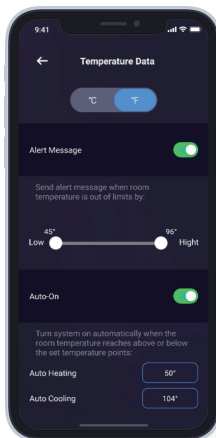
Save schedule

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.



Additional Features

Except from the above basic settings, MegaLight 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 "Smart Life", then select and tap "Enable to Use" to enable the skill.
 - 3 Enter your "Smart Life" account credentials to link the Alexa.

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. Install and register the thermostat as instructed in page 1~16.
2. Download "Google Home" app and set up 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 "Smart Life".
 - 3 Tap open "Smart Life" and select country, then enter app account/password and tap "Link Now" to link your account to Google.
 - 4 Enter "Smart Life" 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 MegaLight 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

FCC WARNING

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.

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

NOTE: 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.