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vine TJ-550

Vine Wi-Fi Smart Home Thermostat User Manual

Model: TJ-550

PRODUCT OVERVIEW

The Vine Wi-Fi Smart Home Thermostat (Model TJ-550) is a programmable thermostat designed to provide efficient and convenient control over your home's HVAC system. Featuring Wi-Fi connectivity, it allows for remote temperature management via a dedicated mobile application and voice assistants like Amazon Alexa and Google Assistant. Its intuitive interface and scheduling capabilities help optimize energy consumption and enhance home comfort.



Front view of the Vine Wi-Fi Smart Home Thermostat, displaying current indoor temperature and set points.

COMPATIBILITY

The Vine TJ-550 thermostat is compatible with 90% of HVAC systems, including:

- **Heating Systems:** Gas/Oil/Propane Furnace, Electric Furnace, Boiler/Radiant, Heat Pump with Auxiliary and Emergency Heat.
- **Cooling Systems:** Air Conditioner.

A C-Wire (Common Wire) is required for installation.

Incompatible Systems:

- Communicating/Proprietary Systems
- Line Voltage/Electric Baseboard Heater
- Millivolt systems
- Systems requiring a remote sensor or humidifiers/dehumidifiers directly controlled by the thermostat.

COMPATIBLE WITH 90% OF SYSTEMS

C-Wire Required



Heating System:

Gas/Oil/Propane Furnace / Electric Furnace/
Boiler/Radiant/Air Conditioner



Heat Pump:

Heat Pump with Auxiliary and
Emergency Heat



Cooling System:

Air Conditioner



Incompatible System

- Communicating/Proprietary System
- Millivolt
- Line Voltage/ Electric Baseboard Heater
- Remote Sensor/ Humidifiers / Dehumidifiers

Diagram illustrating the compatibility of the Vine TJ-550 thermostat with various heating and cooling systems, highlighting the C-wire requirement.

SETUP AND INSTALLATION

The Vine TJ-550 thermostat is designed for easy DIY installation, typically completed within 30 minutes. Follow these steps:

1. **Step 1:** Switch off power to your HVAC system at the circuit breaker. Carefully remove your old thermostat and label the wires using the provided stickers.
2. **Step 2:** Remove the old wall plate. Mount the new Vine thermostat wall plate securely to the wall.
3. **Step 3:** Connect the labeled wires to the corresponding terminals on the new wall plate. Ensure the C-wire is connected.
4. **Step 4:** Install the Vine thermostat unit onto the new wall plate. Restore power to your HVAC system.

App Setup:

1. **Step 1:** Download the "Vine Thermostat App" from the Google Play Store or iOS App Store. (Note: Do not download "Vine Smart Control" as it may not support this model).
2. **Step 2:** Create an account and sign in.
3. **Step 3:** Create a "Home" within the app and add your new Vine TJ-550 device.
4. **Step 4:** Connect your home Wi-Fi network and ensure Bluetooth is enabled on your device for initial setup.

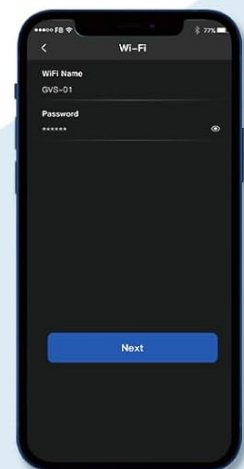
EASY DIY INSTALLATION

Step 1: Switch off power, remove old thermostat, label the wires;

Step 2: Remove the old wall plate, then mount the new one

Step 3: Connect the wires to the new wall plate

Step 4: Install the thermostat to the wall plate



Step 1: Download Vine App

Step 2: Create an account and sign in

Step 3: Create a home, add your device

Step 4: Connect your home wifi and turn on the bluetooth

Visual guide for the DIY installation process, from wiring to app connection.

OPERATING THE THERMOSTAT

Manual Control

The Vine TJ-550 features a 2.8-inch LCD screen and touch buttons for direct control. Use the '+' and '-' buttons to adjust the temperature. The 'O' button typically serves as a menu/mode selection button, and the 'back' button (often represented by a left arrow or similar icon) allows you to navigate back through menus.

Easy to use

2.8inch LCD screen + touch buttons for easily change temperature, make schedule, open nightlight and child lock, etc.



The Vine thermostat's user-friendly interface on a wall, demonstrating its ease of use.

App Remote Control

Control your thermostat from anywhere using the Vine Thermostat app on your phone, tablet, or laptop. The app allows you to:

- Adjust temperature settings remotely.
- Create and manage 7-day, 8-period programmable schedules.
- Monitor indoor and outdoor temperature and humidity.
- Access energy usage data (if available and functional within the app).
- Enable features like nightlight mode and child lock.

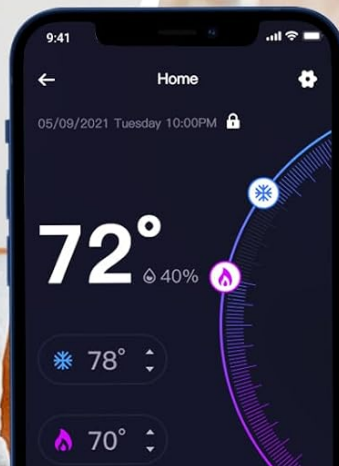
APP REMOTE CONTROL

Control from anywhere using your phone, tablet or laptop
Keep a comfortable temperature when you come home at anytime



 Smart Life App

 Vine Thermostat App



Screenshot of the Vine Thermostat app, illustrating remote control features and scheduling options.

Voice Control

The Vine TJ-550 is compatible with Amazon Alexa and Google Assistant. Once integrated, you can use voice commands to adjust your thermostat settings. For example, "Alexa, set thermostat to Cool" or "Hey Google, change the temperature to 72 degrees."

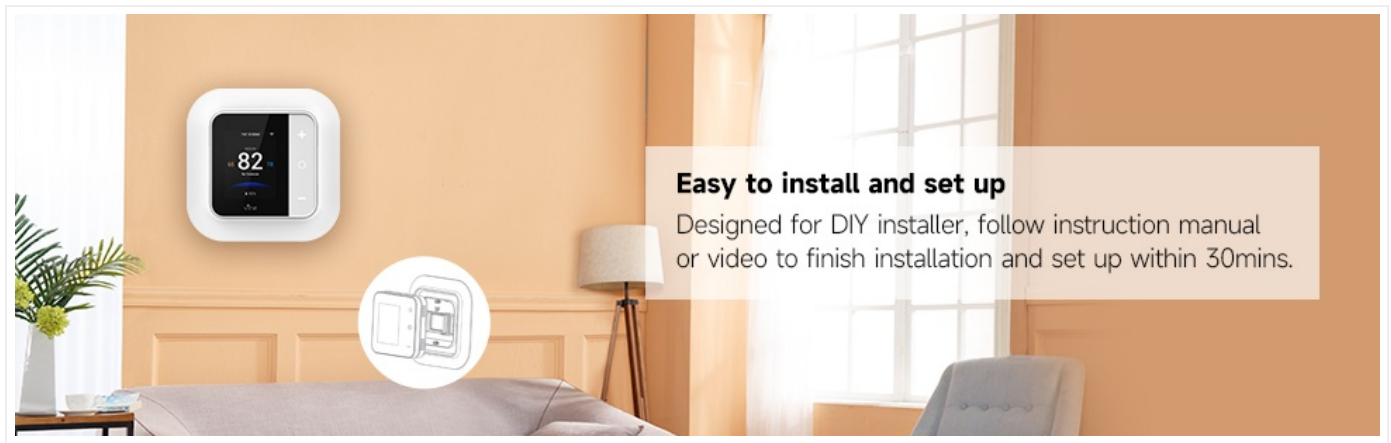
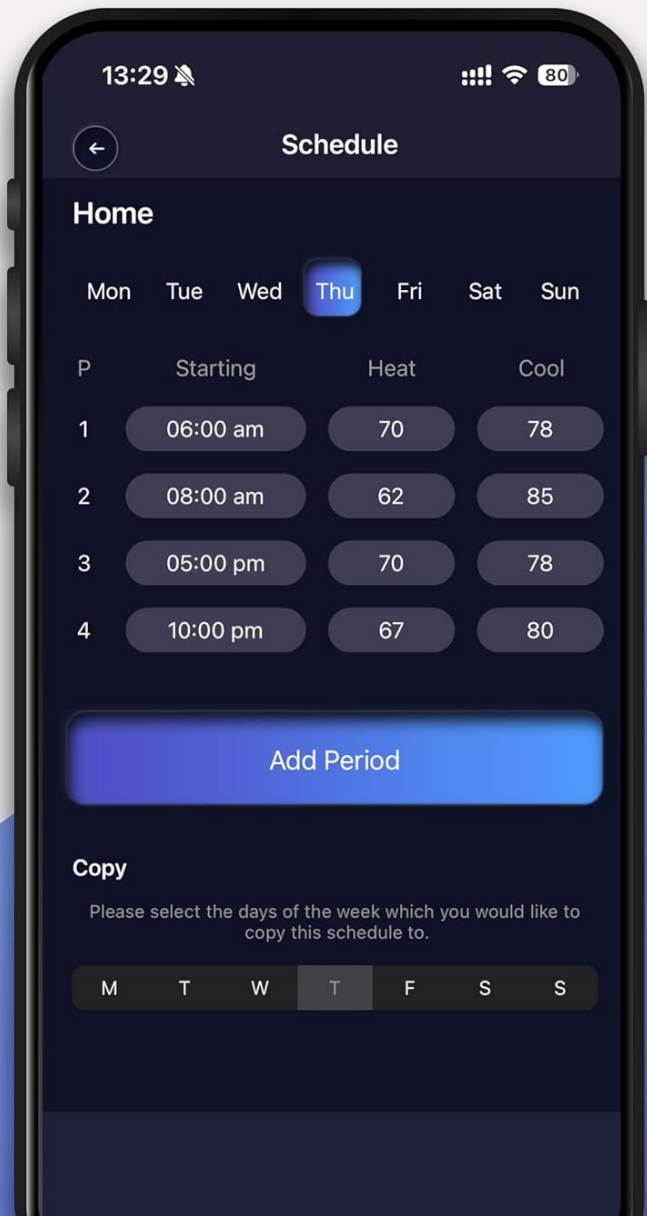


Illustration of the thermostat's compatibility with Amazon Alexa and Google Assistant for voice control.

ENERGY SAVING FEATURES

The programmable scheduling feature allows you to set different temperatures for various times of the day and days of the week, helping to save energy when you are away or asleep. By optimizing your heating and cooling cycles, you can potentially save up to 21% on HVAC energy costs. The thermostat is Energy Star certified, indicating its energy efficiency.

Save
About
21%
on HVAC
Energy



The app's scheduling interface, demonstrating how to program temperature settings for energy efficiency.

MAINTENANCE

The Vine TJ-550 thermostat requires minimal maintenance. Keep the screen and buttons clean using a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure the area around the thermostat is clear of obstructions to allow for accurate temperature readings.

Regularly check your HVAC system's air filters and perform routine maintenance as recommended by your HVAC professional to ensure optimal performance and energy efficiency, which complements the thermostat's function.

TROUBLESHOOTING

Common Issues and Solutions

- **Thermostat not powering on:** Ensure the C-wire is properly connected and power is restored at the circuit breaker.
- **Wi-Fi connection issues:**

- Verify your home Wi-Fi network is 2.4GHz. The thermostat does not support 5GHz networks.
- Ensure the thermostat is within range of your Wi-Fi router.
- Restart your router and the thermostat.
- Confirm you are using the correct "Vine Thermostat App" and not "Vine Smart Control".

- **Temperature readings are inaccurate:**

- Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources (e.g., lamps, appliances) that could affect its internal sensor.
- Some thermostats may require calibration. Refer to the app settings or advanced thermostat settings for temperature offset adjustments if available.

- **Difficulty navigating menus on the thermostat:** The menu system uses the 'O' button to confirm selections and the '-' button to go back. If you find yourself stuck in a menu, repeatedly press the '-' button to return to the main screen.

SPECIFICATIONS

Feature	Detail
Brand	Vine
Model Name	TJ-550
Product Dimensions	0.98"D x 3.54"W x 3.54"H
Controller Type	Amazon Alexa, Android, Google Assistant, Tuya App, iOS
Special Feature	Programmable
Color	White
Specific Uses For Product	Control HVAC system at home
Temperature Control Type	Remote control
Connectivity Technology	Wi-Fi
Included Components	AC 24V powered
Power Source	Hardwired
Item Weight	0.63 Pounds (10.1 ounces)
Voltage	24 Volts
Material	Plastic
Shape	Rectangular
Display Type	Digital, Manual
Finish Type	Glossy
Screen Size	3.5 Inches
Control Type	Touch

Control Method	App, Remote, Voice
Connectivity Protocol	Wi-Fi
Mounting Type	Wall Mount
Style	Compact
Backlight	Yes
Specification Met	Energy Star
Manufacturer	Vine Connected Corp.
Date First Available	May 10, 2022

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Vine product website or contact Vine customer service directly. Contact details are typically found on the product packaging or the manufacturer's website.

You can also visit the [Vine Store on Amazon](#) for more product information and support resources.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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