vine TJ550

Vine Thermostat TJ550 User Manual

Smart Thermostat for Home with Touchscreen Color Display

1. Introduction

Thank you for choosing the Vine TJ550 Smart WiFi Thermostat. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and energy efficiency. The Vine TJ550 is designed to provide comfortable and intelligent climate control for your home, compatible with various HVAC systems and controllable via app or voice commands.



Front view of the Vine TJ550 Smart Thermostat, showcasing its touchscreen color display and side buttons.

2. Safety Information

Please read all safety information before installing or operating the thermostat. Failure to follow these instructions could result in property damage, injury, or death.

- Always turn off power to your HVAC system at the circuit breaker before installation or maintenance.
- The Vine TJ550 thermostat requires a common wire (C-Wire) for power. Ensure your system has a C-Wire or install one if necessary.
- Do not install the thermostat in direct sunlight, near heat sources, or in areas with poor air circulation.
- Ensure all wiring connections are secure to prevent electrical hazards.

3. What's in the Box

Verify that all components are present in the package:

- 1 x Wi-Fi Thermostat
- 1 x Wall Mounting Plate
- 1 x Large Trim Plate
- 1 x User Manual
- 1 x Wiring Labels
- 2 x Screw Sets



Image showing the Vine TJ550 thermostat, mounting plate, trim plate, wiring labels, user manual, and screw sets included in the box.

4. Setup and Installation

The Vine TJ550 thermostat is designed for quick and easy installation, typically within 20 minutes. A C-Wire is required for proper operation.

Installation Steps:

1. **Switch off power:** Locate your circuit breaker box or HVAC system switch and turn off the power to your heating and cooling system.
2. **Remove old thermostat:** Carefully remove your old thermostat from the wall. Label the wires as you disconnect them using the provided wiring labels.
3. **Remove old wall plate and mount new one:**Detach the old wall plate and then securely mount the new Vine thermostat wall plate to the wall.
4. **Connect the wires:** Connect the labeled wires to the corresponding terminals on the new wall plate. Ensure all connections are firm and wires are fully seated.
5. **Install new thermostat:** Attach the Vine TJ550 thermostat unit to the new wall plate. Restore power to your HVAC system.



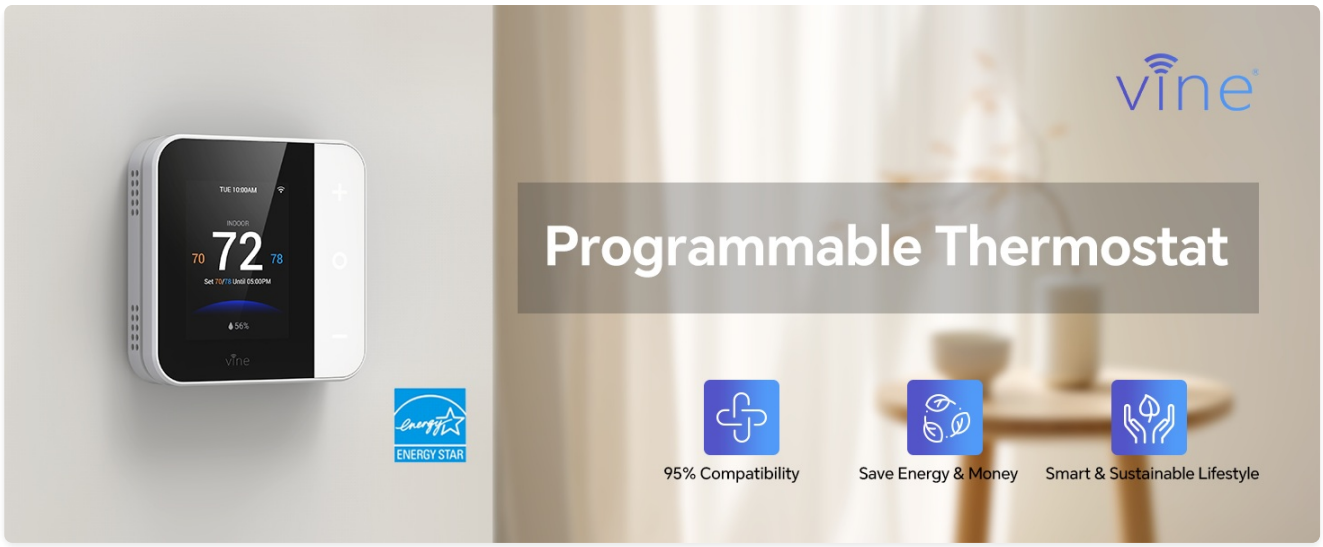
Visual guide illustrating the five steps for installing the Vine TJ550 Smart Thermostat, from turning off power to mounting the new unit.

5. Compatibility

The Vine TJ550 thermostat offers wide compatibility with 90% of conventional and heat pump HVAC systems. It supports:

- Conventional systems (2H/2C)
- Heat Pump systems (4H/2C)
- Natural gas, electric, hot water, 24 Volts gas fireplaces, and oil heat sources.
- Dual fuel systems.

Important: All system types require a common wire (C-Wire).



A detailed compatibility table showing supported HVAC system types, C-wire requirements, and wiring terminals. For more information, visit the Vine Support Page.

6. Operating Instructions

6.1. Remote Control via App

Control and monitor your Vine TJ550 thermostat from anywhere using the Vine Thermostat App or the Smart Life App. This allows you to adjust settings, view current conditions, and configure schedules remotely.

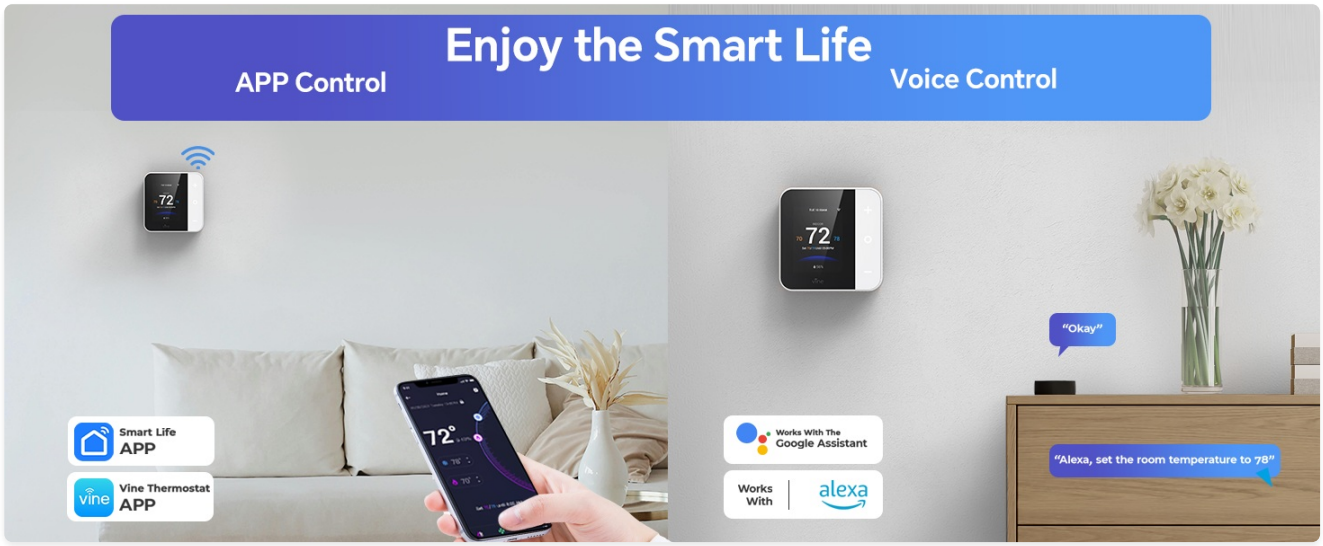
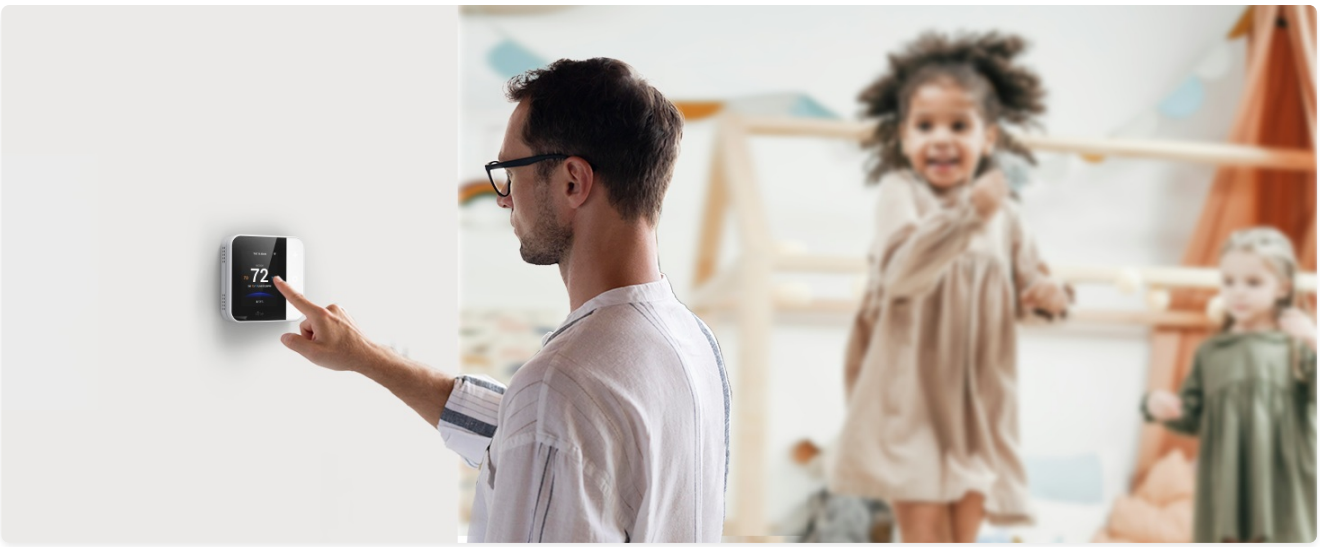


Illustration of the Vine TJ550 thermostat being controlled remotely via a smartphone app, highlighting the convenience of managing your home's temperature from anywhere.

6.2. Voice Control

The Vine TJ550 is compatible with Amazon Alexa and Google Home, enabling hands-free voice control for your thermostat. Simply use voice commands to adjust temperature or change modes.



Depiction of voice control functionality, showing how users can interact with the thermostat using Amazon Alexa or Google Assistant.

6.3. Adjusting Settings via Thermostat

The following video demonstrates how to change the thermostat system, fan mode, and set the temperature directly on the device.

Official Vine video demonstrating how to change the thermostat system, fan mode, and set the temperature on the TJ550 thermostat.

- **How to Change the Thermostat System:** (Refer to video timestamp 0:00 - 0:10) Tap the 'o' button to access the Menu page. Use the '+' or '-' buttons to select 'Thermostat System' (Mode icon), then tap 'o' to confirm. Use '+' or '-' to cycle through Off, Cool, Heat, Auto modes. Tap 'o' to return.
- **How to Change the Fan Mode:** (Refer to video timestamp 0:10 - 0:20) Tap the 'o' button to access the Menu page. Use the '+' or '-' buttons to find the Fan icon. Tap 'o' to confirm. Use '+' or '-' to select Fan modes like On, Auto, Circulation. Tap 'o' to return.
- **How to Set The Temperature:** (Refer to video timestamp 0:20 - 0:31) On the main screen, tap the '+' or '-' button to adjust the target temperature. Tap the 'o' button to switch between adjusting the heating or cooling setpoint.

6.4. Advanced Functions

- **7-Day/8-Period Programmable Schedules:** Set customized heating and cooling schedules for each day of the week with up to 8 periods per day to match your lifestyle and save energy.
- **Auto Home/Away Mode with Geofencing:** The thermostat can automatically adjust the room's temperature based on your presence, ensuring comfort when you arrive and saving energy when you're away.



A user utilizing the Auto Home/Away feature with geofencing technology on their smartphone, showing how

the thermostat adjusts based on location.

- **Child Lock Functionality:** Prevent unintended changes to settings by activating the child lock feature, securing the touchscreen from curious hands.



A child attempting to adjust the thermostat, illustrating the child lock feature that prevents accidental changes.

- **Power-Off Memory Function:** Settings and data are retained even during unexpected power outages, eliminating the need for re-configuration.
- **Temperature Alerts & Filter Change Reminders:** Receive notifications for temperature deviations and timely reminders to change your HVAC system's air filter.
- **Automatic Time/Date Synchronization:** The thermostat automatically synchronizes time and date for accurate scheduling.
- **Energy Saving:** The programmable features and smart modes help reduce HVAC expenses. The Vine TJ550 is ENERGY STAR certified.



An image highlighting the energy-saving capabilities of the Vine TJ550 thermostat, featuring the ENERGY STAR logo and benefits like programmable schedules and child lock.

7. Maintenance

To ensure the longevity and optimal performance of your Vine TJ550 thermostat, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the touchscreen and exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Filter Replacement:** Pay attention to the filter change reminders on your thermostat. Regularly replacing your HVAC system's air filter improves air quality and system efficiency.
- **Software Updates:** Ensure your thermostat's firmware is up to date through the Vine Thermostat App to

benefit from the latest features and improvements.

8. Troubleshooting

If you encounter issues with your Vine TJ550 thermostat, refer to the following common problems and solutions:

- **HVAC System Not Turning On (Heating/Cooling):**
  - Ensure power to your HVAC system is on at the circuit breaker.
  - Verify all wire connections at the thermostat and HVAC unit are secure. Pull gently on each wire to confirm it's firmly in place.
  - Check if the furnace/air handler door compartments are securely closed, as some systems have safety switches.
  - If possible, reinstall your original thermostat to confirm the HVAC system itself is functioning correctly. If the original thermostat works, the issue may be with the Vine unit or its installation.
- **Inaccurate Temperature Readings:**
  - Ensure the thermostat is not installed in direct sunlight, near heat-emitting appliances, or in a drafty area, which can affect sensor accuracy.
  - Allow some time for the thermostat to calibrate after initial setup or significant temperature changes.
- **Wi-Fi Connectivity Issues:**
  - Ensure your Wi-Fi network is active and the signal strength is adequate at the thermostat's location.
  - Restart your Wi-Fi router.
  - Unplug the thermostat from its wall plate and re-attach it to perform a soft reset.
  - Confirm you are using the correct Vine Thermostat App or Smart Life App and that the thermostat is not locked by another app.
- **Schedule Not Working as Expected:**
  - Review your programmed schedule in the app to ensure all periods and setpoints are correctly configured.
  - Check if the thermostat is in 'Hold' mode, which overrides the schedule.

For persistent issues, please contact Vine customer support.

9. Specifications

Feature	Specification
Brand	vine
Product Dimensions	0.98"D x 3.54"W x 3.54"H
Controller Type	Amazon Alexa, Android, Google Assistant, iOS
Special Feature	Auto-Away Mode, Date Display, Geofence Technology, Lockable, Programmable

Feature	Specification
Color	White
Specific Uses For Product	Air Conditioner, Furnace, Heat Pump
Temperature Control Type	digital
Connectivity Technology	Wi-Fi
Included Components	1 Large Trim Plate, 1 Wall Mounting Plate, 1 Wi-Fi Thermostat, 1 Wiring Labels, 1 User Manual, 2 Screws Sets
Power Source	Corded Electric
Item Weight	8.8 ounces
Voltage	24 Volts
Shape	Square
Display Type	LCD
Screen Size	2.8 Inches
Control Type	Touchpad Control/App Control/Voice Control
Control Method	App, Touch, Voice
Connectivity Protocol	Wi-Fi
Mounting Type	Wall Mount
Style	Modern
Backlight	Yes
Manufacturer	Vine
Item model number	TJ550
Date First Available	September 20, 2023

10. Warranty Information

The Vine TJ550 Smart WiFi Thermostat comes with a manufacturer's warranty. Please refer to the product packaging or contact Vine customer support for specific warranty terms and conditions.

11. Support

For further assistance, please utilize the following resources:

- **User Manual (PDF):** A downloadable PDF version of the user manual is availablehere.
- **Vine Brand Store:** Explore more products and information from Vine at their official Amazon store:Vine Smart Home Store.
- **Online Guides and Videos:** Additional step-by-step guides and videos are available on the Vine website to assist with installation and usage.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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