

## Vine TJ610E

# Vine TJ-610E Wi-Fi Smart Home Thermostat User Manual

Model: TJ-610E

## 1. INTRODUCTION

Thank you for choosing the Vine TJ-610E Wi-Fi Smart Home Thermostat. This device offers advanced temperature control, programmable scheduling, and smart home integration for enhanced comfort and energy efficiency. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance.

## 2. COMPATIBILITY

The Vine TJ-610E thermostat is compatible with 90% of 24V AC HVAC systems, including:

- Conventional systems (2 Heat/2 Cool): Gas, Oil, Electric, Boiler.
- Heat Pump systems (2 stages Heat/Cool + 2 stages Auxiliary/Emergency).
- Heat-only or Cool-only systems.

### Important Compatibility Note:

- A common wire (C-wire) is required for all Vine thermostats.
- This thermostat does **NOT** work with electric baseboard heat (110VAC-240VAC).
- This thermostat does **NOT** work with millivolt systems.
- This thermostat does **NOT** support S terminals for indoor and outdoor sensors.



Image: Compatibility chart showing supported and unsupported HVAC system types.

## 3. SETUP AND INSTALLATION

Installation can typically be completed in 20 minutes or less. Follow these steps carefully.

### 3.1. What's in the Box

- Vine TJ-610E Wi-Fi Thermostat
- Thermostat Wall Plate
- User Manual
- Wire Labels
- Flathead Screwdriver
- Two Screws & Anchors

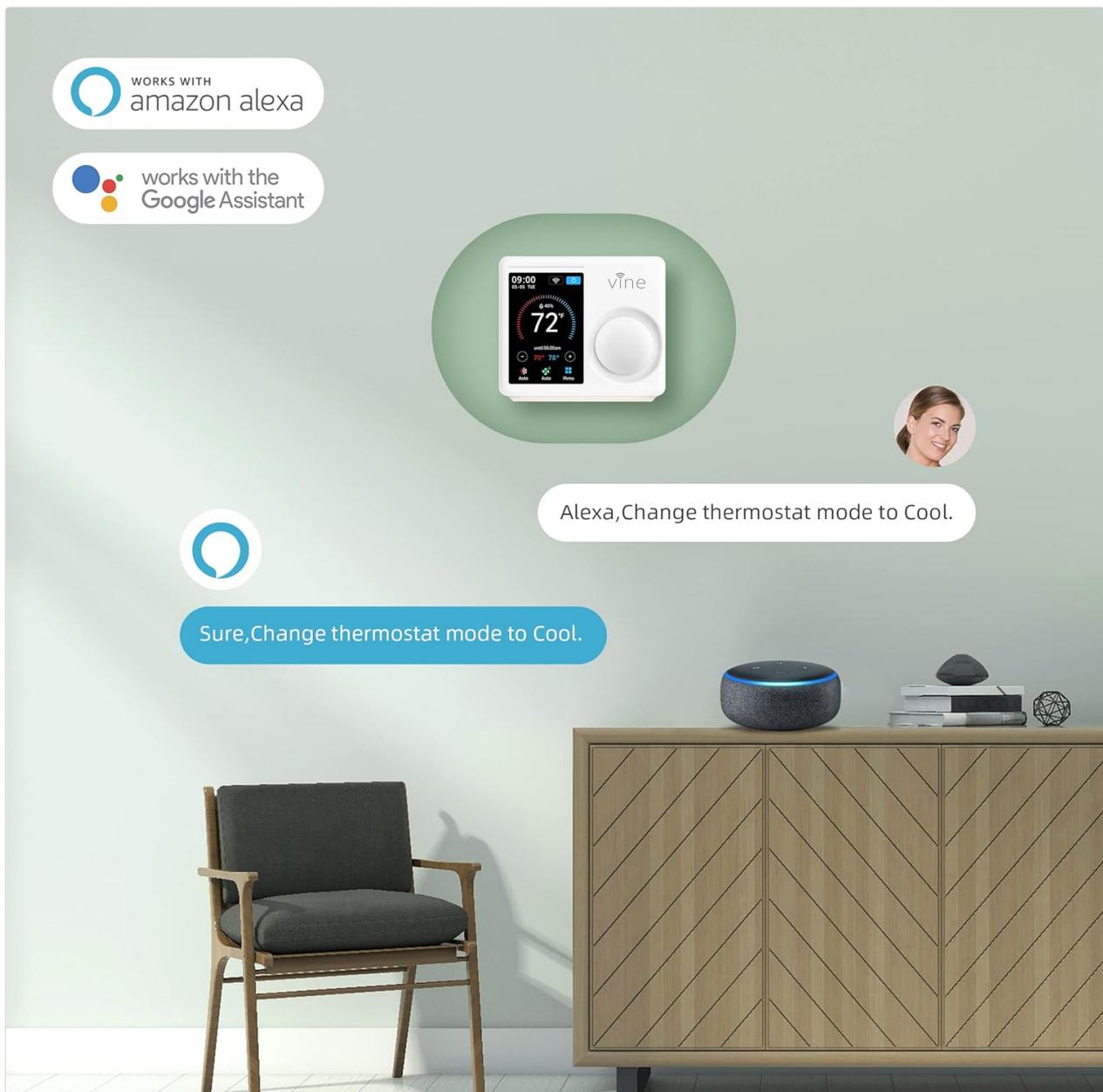


Image: Contents of the Vine TJ-610E Thermostat box, including the thermostat, wall plate, user manual, wire labels, screwdriver, screws, and anchors.

### 3.2. Installation Steps

1. **Turn Off Power:** Before beginning any installation, switch off the power to your HVAC system at the circuit breaker. Verify that the system is off by attempting to adjust the old thermostat.
2. **Remove Old Thermostat:** Carefully remove the old thermostat from its wall plate.
3. **Photograph Wiring:** Take a clear picture of the wiring connections on your old thermostat's wall plate for future reference. This will help ensure correct wiring for the new thermostat.

4. **Label Wires:** Use the provided wire labels to mark each wire according to its terminal on the old thermostat. Remove any jumper wires; your new thermostat has internal jumpers.
5. **Remove Old Wall Plate:** Unscrew and remove the old wall plate.
6. **Mount New Wall Plate:** Secure the Vine thermostat wall plate to the wall using the provided screws and anchors. Ensure it is level.
7. **Connect Wires:** Connect the labeled wires to the corresponding terminals on the new Vine wall plate. Refer to your photograph and the wire labels for accuracy.
8. **Attach Thermostat:** Align the Vine TJ-610E thermostat with the mounted wall plate and gently push until it clicks into place.
9. **Restore Power:** Turn the power back on at the circuit breaker.
10. **Initial Setup:** The thermostat will power on. Follow the on-screen prompts to connect to your Wi-Fi network and configure initial settings. Download the Vine Thermostat App or Smart Life App for remote control and advanced scheduling.

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Video: Official installation guide for the Vine TJ-610E thermostat, demonstrating unboxing, power-off procedures, old thermostat removal, wire labeling, new wall plate mounting, wiring connections, and attaching the new thermostat.

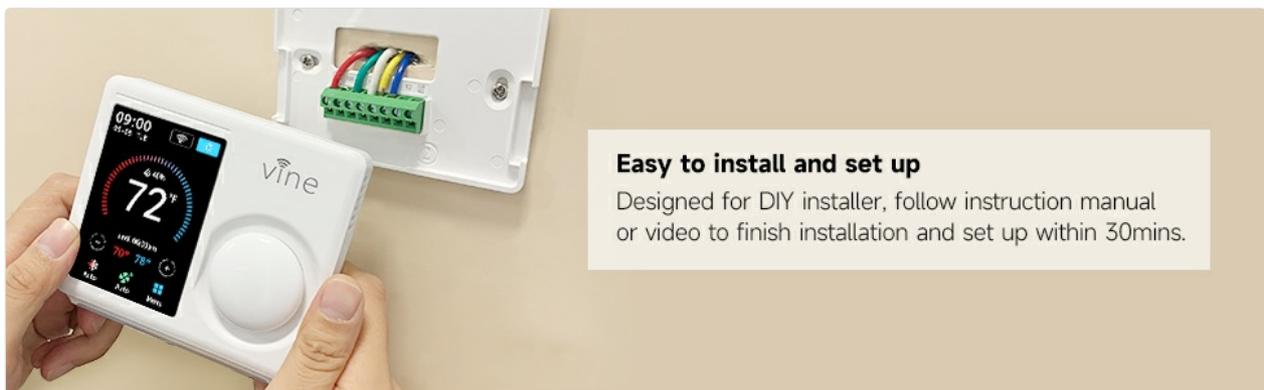


Image: Visual representation of the Vine thermostat installation process, highlighting its ease of setup for DIY installers.

## 4. OPERATING INSTRUCTIONS

### 4.1. Touchscreen Interface

The Vine TJ-610E features a 3.5-inch LCD touchscreen for direct control. You can easily change temperature, create schedules, activate the nightlight, and enable child lock directly from the device.

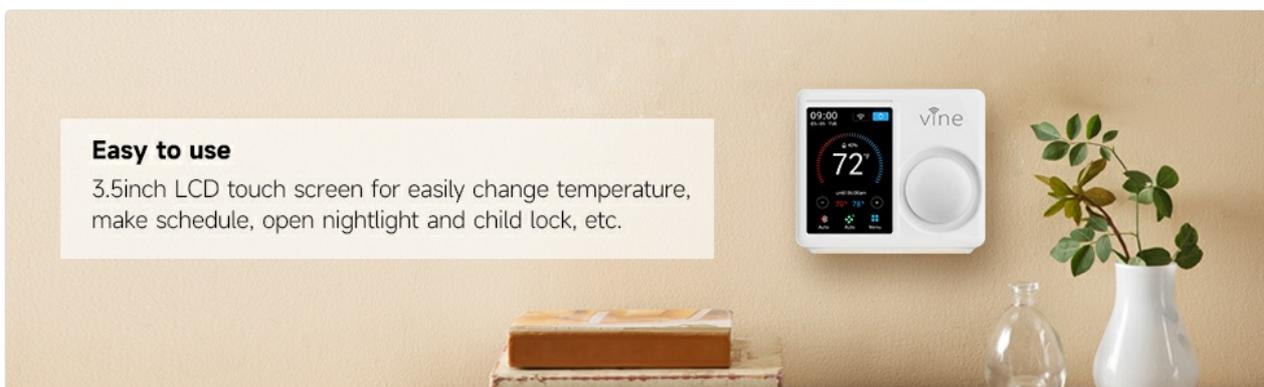


Image: Close-up of the Vine thermostat's 3.5-inch LCD touchscreen, demonstrating its user-friendly interface for temperature adjustments and settings.

## 4.2. Remote and Voice Control

Control and monitor your thermostat from anywhere using the Vine Thermostat App or Smart Life App on your smartphone or tablet. The device is also compatible with Amazon Alexa and Google Home for convenient hands-free voice control.

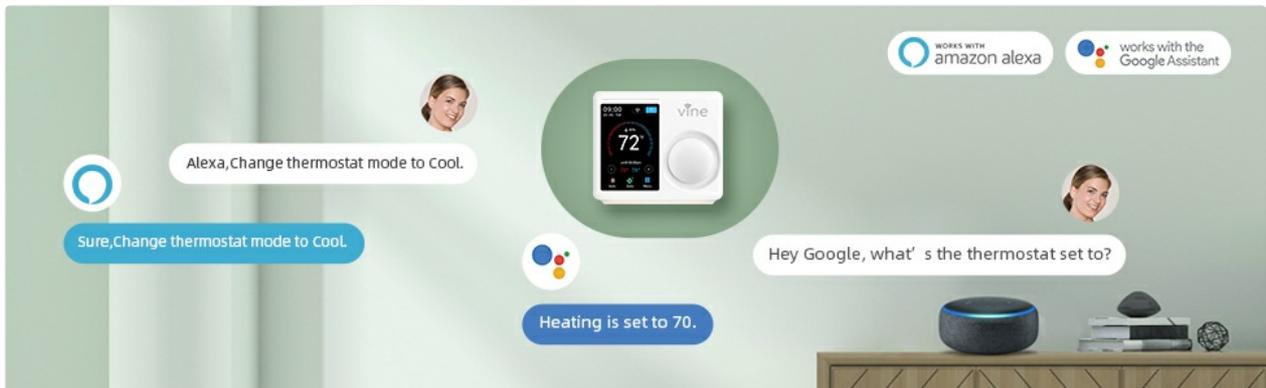


Image: Illustration of the Vine thermostat responding to voice commands from Amazon Alexa and Google Assistant, demonstrating smart home integration.

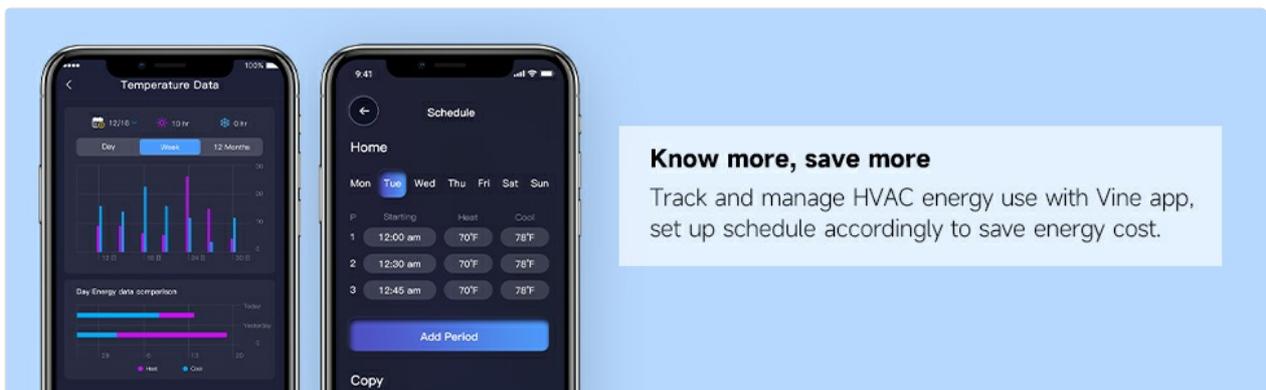


Image: A smartphone displaying the Vine app interface, showing remote control capabilities for adjusting thermostat settings from anywhere.

## 4.3. Programmable Scheduling

Create energy-efficient schedules using the thermostat's interface or the Vine App. The thermostat supports 7-day and 8-period programming, allowing you to customize temperature settings throughout the day and week to optimize comfort and save energy.

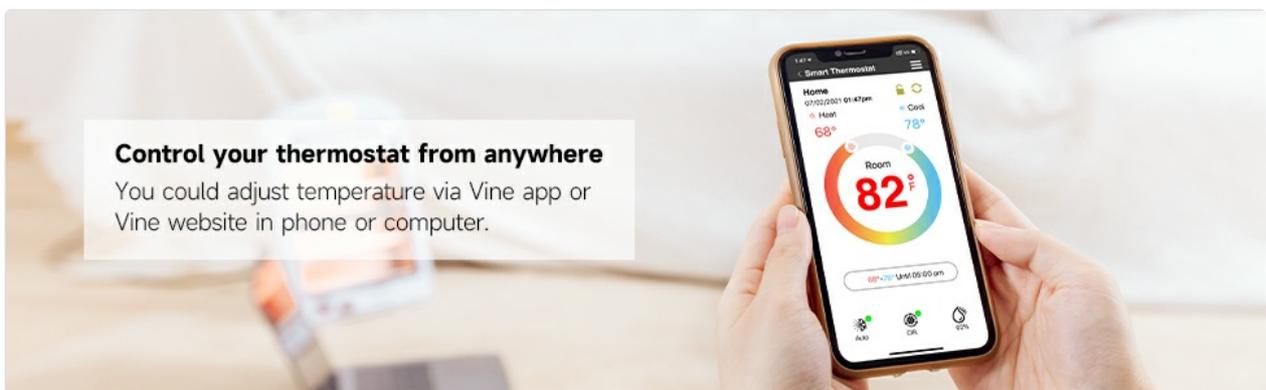


Image: Screenshot of the Vine app displaying temperature data and scheduling options, illustrating how users can track energy use and set programs.

## 4.4. Nightlight Feature

The thermostat includes a soft nightlight feature that aids readability in low-light conditions. This nightlight can be scheduled for specific hours of operation and its brightness levels can be adjusted.

## 5. MAINTENANCE

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### 5.1. Air Filter Replacement Reminder

The Vine TJ-610E thermostat is equipped with an Air Filter Replacement Reminder feature. This reminder helps ensure your HVAC system operates efficiently by prompting you to change your air filter at appropriate intervals. Consult your HVAC system's manual for recommended filter replacement schedules.

## 6. TROUBLESHOOTING

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If you encounter issues with your Vine TJ-610E thermostat, consider the following common solutions:

- **Wi-Fi Disconnection:** If the thermostat frequently disconnects from Wi-Fi, ensure your router is within adequate range and there are no significant obstructions. Restarting your router and the thermostat may resolve the issue.
- **Incorrect Temperature Readings/System Malfunction:** Verify that the C-wire is correctly installed and all wiring connections are secure. Ensure the thermostat is compatible with your specific HVAC system type (refer to Section 2: Compatibility). If the system is not heating or cooling as expected, check your circuit breaker and ensure power is restored.
- **Screen Blank or Unresponsive:** If the screen is blank or unresponsive, check the power supply to the thermostat. Ensure the circuit breaker is on. If the issue persists, try detaching and reattaching the thermostat to its wall plate to ensure a proper connection.
- **Scheduling Issues:** If your programmed schedule is not functioning correctly, double-check the settings within the Vine App or directly on the thermostat. Ensure the date and time are set accurately.

For further assistance, refer to the support section of the Vine Thermostat App or contact customer support.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Vine
Model Number	TJ610E
Product Dimensions	0.67"D x 4.13"W x 3.94"H
Controller Type	Alexa, Google Assistant
Special Features	Extreme temperature Alert, Weather forecasting, Air Filter Replacement Reminder
Color	White
Specific Uses	Air Conditioner, Furnace, Heat Pump
Temperature Control Type	Heating, Cooling

Connectivity Technology	Wi-Fi
Included Components	Screwdriver, Wiring labels, Screws
Power Source	24 Volts (C-wire required)
Material	Plastic
Display Type	LCD Touchscreen
Screen Size	3.5 Inches
Control Method	Remote, Dial Control
Smart Home Compatibility	Smart Home Compatible
Item Weight	11.3 ounces
UPC	755580850421

## 8. WARRANTY INFORMATION

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Specific warranty details are typically provided with your product packaging or on the manufacturer's official website. Please refer to these resources for the most accurate and up-to-date warranty information.

## 9. SUPPORT

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For technical support, troubleshooting assistance, or any questions regarding your Vine TJ-610E thermostat, please refer to the support section within the Vine Thermostat App or the Smart Life App. You may also visit the official Vine website for additional resources and contact information.