Vine TJ-919

Vine Wi-Fi Smart Home Thermostat TJ-919 User Manual

Model: TJ-919 | Brand: Vine

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vine Wi-Fi Smart Home Thermostat, model TJ-919. This programmable thermostat offers advanced features including Wi-Fi connectivity, smart home integration with Amazon Alexa and Google Assistant, and a user-friendly touchscreen interface. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your comfort and energy savings.

2. PRODUCT FEATURES

- **Wi-Fi Connectivity:** Control your thermostat remotely via the Vine Smart Control app or web portal.
- **7-Day & 8-Period Programmable:** Customize heating and cooling schedules for each day of the week with up to 8 distinct periods per day.
- **Touchscreen Interface:** Intuitive and responsive capacitive touchscreen for direct control.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Assistant for voice control.
- **Nightlight Feature:** Programmable nightlight for convenience and safety during nighttime.
- **Weather Forecast Display:** View local weather information directly on the thermostat screen.
- **Fan Circulation Control:** Manage fan operation independently for improved air circulation.
- **Temporary & Permanent Overrides:** Easily adjust temperature settings temporarily or permanently outside of programmed schedules.
- **Auto-Changeover Mode:** Automatically switches between heating and cooling to maintain desired temperature.

3. SETUP & INSTALLATION

3.1. Compatibility

Before installation, ensure your HVAC system is compatible with the Vine TJ-919 thermostat. This thermostat requires a C-wire for power. Refer to the compatibility chart below for details.

Vine COMPATIBILITY CHART (System Type)	INCOMPATIBILITY (System Type)
Conventional (require a C wire) - Gas/Oil/Propane Furnace - Air Conditioner - Electric Furnace - Boiler/Radiant	**Whole Home with** - Humidifiers / Dehumidifiers
Heat Only (require a C wire) - Gas/Oil/Propane Furnace - Electric Furnace - Boiler/Radiant	Communicating/Proprietary System
Cool Only (require a C wire) - Air Conditioner	Line Voltage / two wire system
Heat Pump with Auxiliary & Emergency Heat (require a C wire)	Millivolt
Heat Pump with Auxiliary & Emergency Heat (require a C wire)	Remote Sensor

Image: Vine Thermostat System Type Compatibility Chart. This chart details which HVAC systems are compatible (e.g., Conventional, Heat Only, Cool Only, Heat Pump, all requiring a C-wire) and which are incompatible (e.g., Whole Home with Humidifiers/Dehumidifiers, Communicating/Proprietary Systems, Line Voltage/Two-Wire Systems, Millivolt, Remote Sensor).

3.2. Wiring

Turn off power to your HVAC system at the circuit breaker before beginning. Carefully remove your old thermostat. Label existing wires before disconnecting them. Connect the wires to the corresponding terminals on the Vine TJ-919 thermostat. A C-wire (common wire) is essential for continuous power. If you do not have a C-wire, consult a professional HVAC technician.

3.3. Mounting

Mount the thermostat base plate to the wall using the provided screws. Ensure the wires are properly routed through the opening in the base plate. Snap the thermostat display onto the base plate.

3.4. Wi-Fi Connection

After powering on the thermostat, follow the on-screen prompts to connect to your home's 2.4GHz Wi-Fi network. Download the Vine Smart Control app from your smartphone's app store and follow the in-app instructions to register your device and complete the Wi-Fi setup. Ensure your Wi-Fi network is 2.4GHz, as 5GHz networks are not supported.

4. OPERATING INSTRUCTIONS

4.1. Main Screen Overview

The Vine TJ-919 features a clear touchscreen display. Below is an overview of the main screen elements:

Image: Vine Smart Thermostat TJ-919 main display with labeled components. Key elements include the Main Menu icon (top left), EZ Comfort (heart icon), Nightlight (light bulb icon), Operation Mode (Heat/Cool/Auto), Fan Status, Cloud Access Indicator (Wi-Fi icon), Wi-Fi Setup (bottom left), Humidity display, Current Room Temperature (large central number), Current Schedule (below temperature), and Adjustment Scroll Tower (right side).

- **Main Menu:** Access settings, programming, messages, and connection options.
- **EZ Comfort:** Quick access to comfort presets.
- **Nightlight:** Activates or deactivates the programmable nightlight.
- **Operation Mode:** Displays current mode (Heat, Cool, Auto, Off). Tap to change.
- **Fan Status:** Indicates fan operation (Auto, On, Circulate).
- **Cloud Access Indicator:** Shows Wi-Fi connection status.
- **Current Room Temperature:** Large display of the ambient temperature.
- **Current Schedule:** Shows the active programmed temperature and time.
- **Adjustment Scroll Tower:** Use to manually adjust the target temperature.

4.2. Adjusting Temperature

To adjust the target temperature, use the Adjustment Scroll Tower on the right side of the screen. The new setting will be active until the next programmed period or until manually changed again.

4.3. Changing Modes

Tap the 'Operation Mode' icon on the main screen to cycle through available modes: Heat, Cool, Auto, and Off. In 'Auto' mode, the thermostat will automatically switch between heating and cooling to maintain your desired temperature range.

4.4. Nightlight Feature

The nightlight feature can be programmed to turn on or off at specific times. Access this setting through the Main Menu under 'Settings' or by tapping the light bulb icon on the main screen. This provides subtle illumination for convenience during the night.

5. PROGRAMMING SCHEDULES

The Vine TJ-919 thermostat allows for 7-day programming with up to 8 programmable periods per day. This enables you to customize your heating and cooling settings to match your daily routine and optimize energy usage.
To set up or modify schedules, navigate to 'Programming' in the Main Menu. You can also manage your schedules conveniently through the Vine Smart Control mobile app or the web portal. The app and web portal offer a more visual and flexible way to create and adjust your daily temperature profiles.

6. SMART HOME INTEGRATION

Your Vine TJ-919 thermostat is designed to integrate seamlessly with popular smart home platforms, offering enhanced control and convenience.

6.1. Amazon Alexa & Google Assistant

Once connected to Wi-Fi, you can link your thermostat to Amazon Alexa or Google Assistant. This allows you to control your thermostat using voice commands, such as "Alexa, set the thermostat to 72 degrees" or "Hey Google, what's the temperature in the living room?"

Image: Vine Smart Thermostat TJ-919 with smartphone app and Amazon Echo Dot. This image illustrates the thermostat's capability to be controlled via a mobile application and integrated with voice assistants like Alexa.

Refer to the Vine Smart Control app for specific instructions on linking your thermostat with Alexa or Google Assistant.

7. MAINTENANCE

The Vine TJ-919 thermostat requires minimal maintenance. Keep the screen clean by gently wiping it with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Ensure the vents on the thermostat are not obstructed to allow for accurate temperature readings.

8. TROUBLESHOOTING

If you encounter issues with your Vine TJ-919 thermostat, try the following troubleshooting steps:

- **No Power/Blank Screen:** Check the circuit breaker for your HVAC system. Ensure the C-wire is correctly connected and providing power.
- **Wi-Fi Connectivity Issues:** Verify your home Wi-Fi network is 2.4GHz. Restart your Wi-Fi router and the thermostat. Ensure the thermostat is within range of your router.
- **Programming Difficulties:** Use the Vine Smart Control app or web portal for easier schedule management. If programs are lost after a power outage, reconnect to Wi-Fi and re-enter settings as they are stored online.

- **Inaccurate Temperature Readings:** Ensure the thermostat's vents are clear of dust and obstructions. Avoid placing the thermostat near heat sources or in direct sunlight.
- **System Not Responding (Heating/Cooling):** Check that the thermostat is in the correct operation mode (Heat, Cool, Auto). Verify that your HVAC system is powered on and functioning correctly.

For further assistance, please contact Vine customer support.

9. Specifications

Feature	Specification
Brand	Vine
Model Number	TJ-919
Controller Type	Amazon Alexa, Google Assistant
Special Feature	Programmable
Color	White
Connectivity Technology	Wi-Fi (2.4GHz only)
Power Source	24 Volts (C-wire required)
Display Type	LCD
Screen Size	3.5 Inches
Control Method	App, Touchpad Control
Mounting Type	Wall Mount
Item Weight	10.4 ounces (0.65 Pounds)
Product Dimensions	8 x 5 x 1.1 inches

10. Official Product Video

Watch this official video for a comprehensive overview of the Vine Smart Thermostat's features and functionality.

Your browser does not support the video tag.

Video: Vine Smart Thermostat Overview. This video provides an overview of the Vine Smart Thermostat, demonstrating its touchscreen interface, programming capabilities, and remote control features via the Vine Smart Control app and web portal. It highlights features such as the nightlight, weather forecast, 8 programmable periods, fan circulation control, and temporary/permanent overrides.

11. Warranty & Support

For warranty information or technical support, please refer to the documentation included with your product packaging or visit the official Vine website. You can also contact Vine customer service directly for assistance with any issues or questions regarding your TJ-919 thermostat.