



Smart Wi-Fi Thermostat

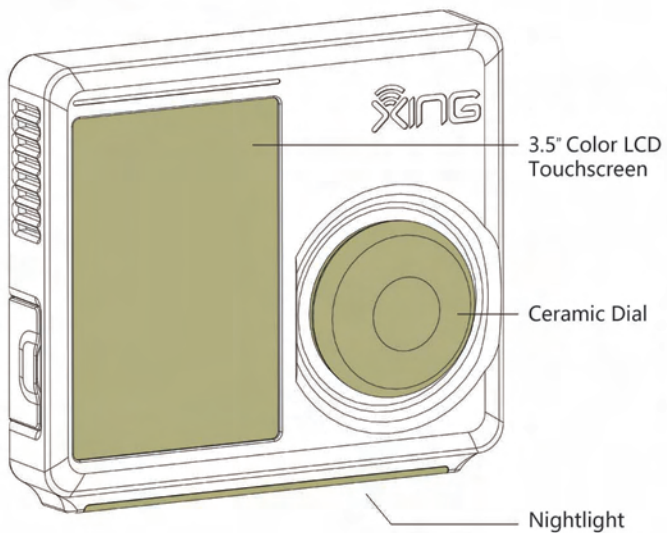
User Guide

www.vinesmarthome.com

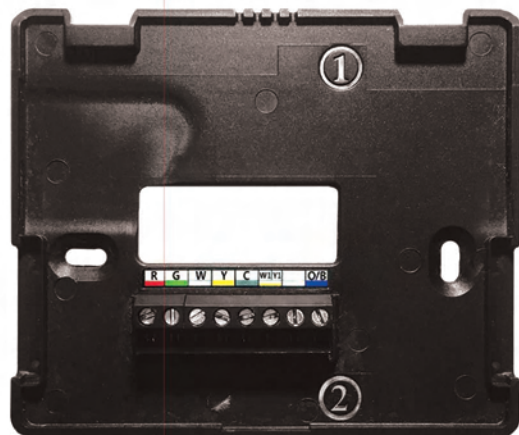
Model TJ-610

Include : WARRANTY STATEMENT

Diagrams



Refer to Installation Guide
for wiring instructions



Reset

Micro-SD
(for service)

Micro-USB
(for service)

System Lock



Turn off power to the heating/cooling system until installation is complete.

Setup & Initialization

1

Follow installation manual to install new thermostat

2

Set up Date/Time, Heating Type, Operation Mode

3

Set up Wi-Fi, download App, create user account

YouTube

www.vinesmarthome.com

YouTube: Vine Smart Home



System Menu

System Menu

- Weather Forecast
- Heating & Cooling ...
- Date & Time ...
- Preferences ...

AC Activation & System Codes

CODE

AI Account Info.	SI System Info.
IS Initialization	SL Sys. Locking
VC Verification	SM Sys. Message
SC Sensor Calib.	SU Sys. Update
EN English UI	SK Sys. Key

Some features listed may not be available to your account or to this device.

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Weather Forecast

Current Today 5-Days

2016.03.16 9:23pm Status

64° Wind

Low-High 59° - 68°

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System

Heating & Cooling

- Mode, Programs
- Fan Operation
- Easy Comfort
- Heat Setup

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System

Date & Time

- Update from Internet
- Date & Time
- Date Format

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System

Preferences

- Nightlight Setting
- Screen Brightness
- Temperature Scale
- Limits & Alerts

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Main Screen

Main Screen

- Easy Access Menu
- System Menu
- Date / Time: 08-18-2016 THU 1:26am
- Cloud Access Indicator
- Nightlight
- Wi-fi Status
- Current Temperature: 72°F
- Temperature Scale
- Current Settings: 08:00am - 05:00pm
- Mode-On Indicator
- Mode: Heat, Auto
- Fan Setting
- Humidity: 30%

Wi-Fi Setup



Step 1

On Main Screen, tap Wi-Fi for Wi-Fi setup



Step 2

Scan for a list of available Wi-Fi networks



Step 3

Enter password. If not required, leave it blank and click OK.

Abc@123Go

Only ASCII keys accepted

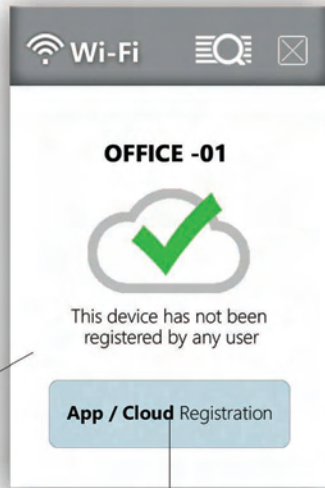
After successfully connecting to the internet, download the App "Xing Control" from the Apple App Store or Google Play onto your phone, then register this device to your account.



XING CONTROL

XING CONNECTED CORP. (ZIBO)
WWW.XINGCONNECTED.COM

★★★★★ Star



Create a User Account, then click here to add the device to the account

Follow on-screen instructions on the App or webpage.

Troubleshooting Wi-Fi connection



Failed Wi-Fi connection may be caused by the following:



Does not support 5GHz Wi-Fi Connection.



Does not support Wi-Fi name with space or non-ASCII characters.



Changed password or additional authentication through a webpage.



The router is not connected to the internet or the signal from the router is too weak.

(1) If your device loses connection with your wireless network, it will automatically attempt to reconnect after five minutes. If that fails, it will make a new attempt every 15 minutes for the next 24 hours. Any manual operation of the thermostat will disable automatic connection attempts. (2) Energy Saving is available on certain models. The Wi-Fi function will enter a five-minute sleep mode when there is no manual operation. The system will wake up and reconnect to the internet every five minute interval.

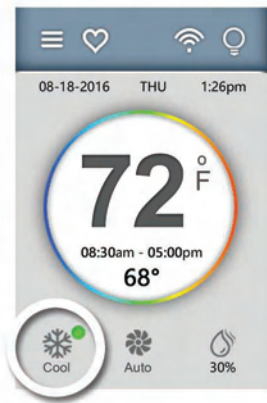
Programming

Enjoy an unlimited number of programs, each day of the week can be individually programmed, and can have up to 8-periods per day!

Programming can be accessed from the **System Menu** -> **Heating & Cooling**, or from **Mode Setup** on the main screen. Use the **App or Webpage** to change the name of a program, and to **add or delete** a program.

Step 1

On the main screen, tap the mode icon



Step 2

Next to Current Program, Tap [Edit]



Switch to run another program.

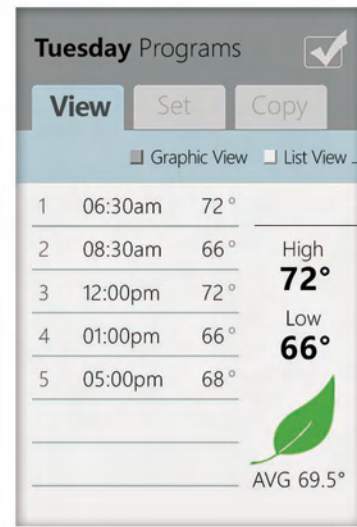
Step 3

Tap a day of the week, or days in a group.



Step 4A: View

View the program



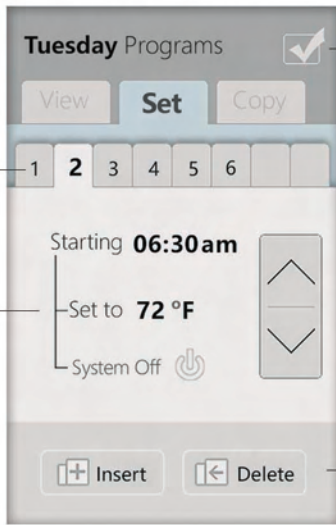
Select to alternate between Graphic and List Views
Switch View

List
Expanded view of daily setpoints

High/Low setpoints and average temperature for the day

Step 4B: Set

Set the periods and define the set points of the program



SAVE & EXIT

PERIODS

Divide a day into 2 to 8 periods as needed

SETTING

For each period, set the **Starting time**, the **Set-to** temperature, or set the period to **Off**

The settings end when the next period starts

INSERT

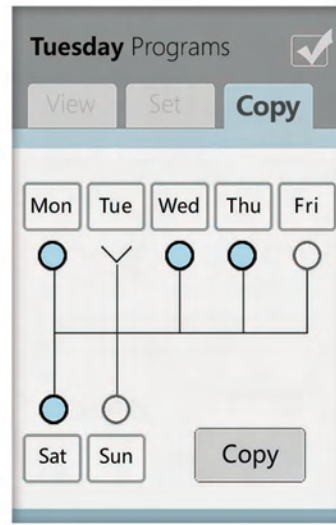
Insert a period before the current one; an hour of time will be given by default

DELETE

Delete the current period. The next period will splice together with the one deleted

Step 4C: Copy

Copy to other day(s)



Tap the day to select, tap again to deselect

Copy all the settings to one or more days of the week

Use the **App or Webpage** to change the name of a program, and to **add or delete** a program.



Download App

www.vinesmarthome.com



XING CONTROL

XING CONNECTED CORP. (ZIBO)
WWW.XINGCONNECTED.COM



Add Device to Account using Verification Code

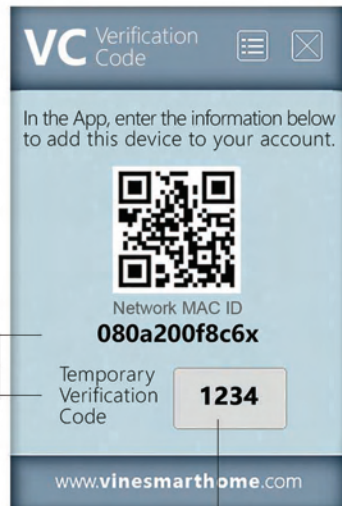
After you create your account in the App or Webpage, you need to add the device to your account in order to remotely access the device. Simply follow on screen instructions in App or Webpage to complete this task.

- 1) Have the device connected to the internet (see Wi-Fi instructions on the other side of this guide.)
- 2) You need to be physically next to the device.

On the Wi-Fi status screen, tap **App/Cloud Registration**,

Next, in the App or Webpage, enter the **MAC ID** and **Temp. Verification Code** displayed on the screen.

- The MAC ID is a unique network ID for this device. This helps to identify your device over the internet.
- The Temporary Verification Code (TVC) is a 4-digit code randomly generated each time you enter this screen or enter the code. It expires in 90 seconds, then a new one will be needed.
- A QR code including both the MAC ID and TVC is generated for your convenience.
- During technical support, the TVC also functions as the verification of "the user currently in possession of the device".



In the App, enter the information below to add this device to your account.



Network MAC ID
080a200f8c6x

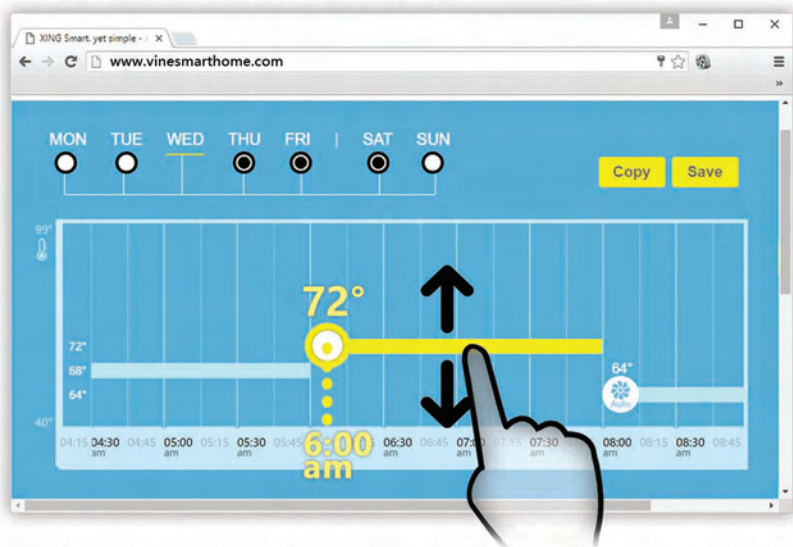
Temporary Verification Code

1234

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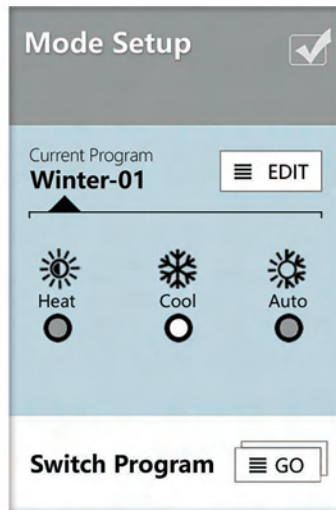
Tap to generate a new code

Program with App/Webpage



New Schedule Period: Tap a time column to mark the beginning of a new period, then drag the remaining section up and down to finalize the set points.

Delete a Period: Drag a section of the schedule you want to remove to merge it with the previous or next period.



Heating, Cooling, & Fan Operation

READINGS: The current temperature reading is the result of a comprehensive algorithm that averages the last five minutes of the surrounding environment. The device will take approx. 20 minutes to obtain the reading and reflect the actual room temperature after its initial start-up.

SCREEN TIMEOUT: There are several waiting periods whenever the system switches modes automatically or manually. Each waiting period (screen timeout) can be displayed up to 5 minutes with no action while the system awaits engagement.

DEADBAND: The default setting for deadband (also called a neutral zone or an interval [band] where no action occurs [the system is 'dead' - i.e. the output is zero]) is $\pm 1.8^{\circ}\text{F}$ around the set points. When Auto is selected, the thermostat will operate within $\pm 3^{\circ}\text{F}$ around the set points. To adjust the boundaries, enter PM at the System Activation screen.

SYSTEM OFF: You can turn the system off and stop the current program from running; the system can also be set to OFF for any specific time period within a program. While the system is off, fan operation and programming are not available.

System Lock, Unlock

There are three ways to lock and unlock the thermostat:

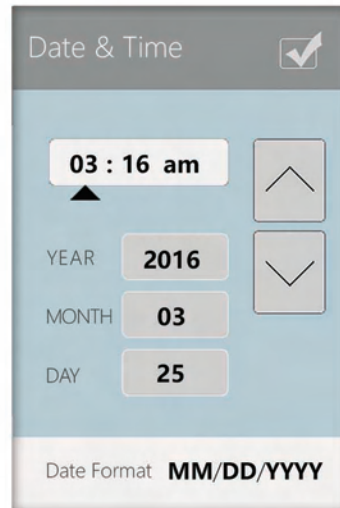
1. Push the rectangular button on the left side of the thermostat, or
2. Go to **System Menu=>Activation=>Sys. Locking**
Once the System Locking Screen appears, enter a 4-Digit Locking Code to lock the thermostat and enter the same code to unlock it.
3. The App or Web Portal may also be used to lock and unlock the thermostat. There is no need for a password in this scenario.

The password chosen is not saved or permanent, meaning a new 4-Digit Locking Code can be used any time the thermostat is locked.

To unlock the device without the locking code, simply take the thermostat off the wall plate, then mount it back.



System Lock



Weather & Location

Weather forecast is an internet enabled feature which requires a specific location for the device. The location is automatically determined when adding the device to the user account. You can also use App or Webpage to add location for the device.

Date, Time

Only the current date and time may be entered.

Date and Time can be set from the device, App, or can be automatically updated from the internet.

ON DEVICE: There is no restriction for any date and time you want to set as current. However, once the device is registered or linked to a user account, the date and time on the device will automatically update with the current time associated with the user account.

APP or WEBPAGE: Select your time zone; the date and time for the device as well as the user account will automatically update.

AUTO UPDATE FROM INTERNET: An option from the System Menu allows the device to synchronize the time with the user account.

Temperature Limits, Alert Messages

These are **NOT** safety features to rely on!

Abnormal Conditions Alert

Adjust the temperature limits at which an Abnormal Conditions Alert message will be sent to the message box of your account and to the device. Select **Never** to bypass this feature.

Auto Heating or Cooling

During a mild weather season, people may select to turn system off while out for an extensive period of time for vacationing. This feature automatically turn heating or cooling on when the room temperature reaches certain limit.

To adjust Auto Heating or Cooling setpoints, enter PM at System Activation screen.



System Message

System messages can be self-generated by the device or sent by the Smart Cloud Server over the internet. You can view the message on the device: **System Menu** -> **Activation** -> **Sys. Message**, or in the message center of your account in the App or Webpage. Some messages may require you to reply by selecting the options provided while others serve to inform you.

Temperature Limits

Abnormal Conditions Alert
Send alert message when room temperature is out of limits by:

Never

Turn system on automatically when the room temperature reaches these limits during the period the system is off:

Auto Heating: 50° Cooling: 90°

This is not a safety feature to rely on!

AC Activation & System Codes

CODE

AI Account Info.	SI System Info.
IS Initialization	SL Sys. Locking
VC Verification	SM Sys. Message
SC Sensor Calib.	SU Sys. Update
EN English UI	SK Sys. Key

Some features listed may not be available to your account or to this device.

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Activation, System Codes

Features listed may not be available to your device

Your Smart Wi-Fi Vine Thermostat comes with many advanced features; some are displayed here and are directly accessible on the device, some through the App or Webpage, while many others operate automatically within the device.

Tap the codes on the screen to access related features or functions.

Over time, you may encounter new feature activations or situations during technical support that may require you to gain access to locked features.

You may receive instructions by phone or e-mail from one of our support technicians.

INTERNET CONNECTION REQUIRED

Many advanced features require an internet connection and a user account to link the device.



The Vine Smart Wi-Fi Thermostat is a highly intuitive device prioritizing user accessibility. The information in this guide is for those interested in additional device specifications. Please visit our website for complete screen by screen instructions. The following are additional resources for your convenience:

Help Video: YouTube Channel

Search Term: Vine Smart Home

Email

support@vinesmarthome.com

Telephone

1-800-264-3457

[**www.vinesmarthome.com**](http://www.vinesmarthome.com)

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Pleasanton, CA

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