

USER MANUAL

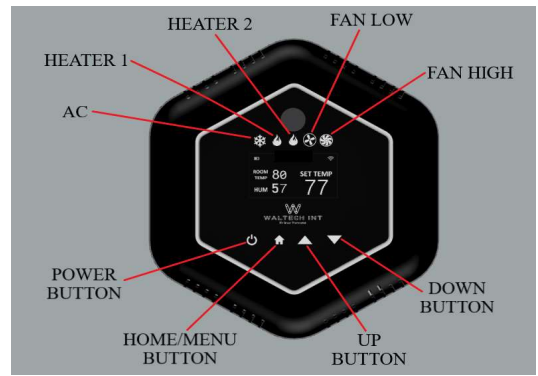
SMART RV THERMOSTAT

Please read this manual thoroughly before installation

*****Warning*****

**PREVENT EQUIPMENT DAMAGE AND/OR BLOWN FUSES
DISCONNECT POWER BEFORE INSTALLATION**

THERMOSTAT APPEARANCE



THERMOSTAT OPERATION

1) → Power ON/OFF

- Press “start” button for 5 seconds to switch on/off thermostat.

2) → Menu/Home Button

- Press “home” button for 3 seconds to access the menu.
- Then press home button each time to navigate to each menu screen. There are 10 menu screens (excluding home screen).

NOTE: Device will return to home screen if there is no activity for 1 minute in the menu screen.

3) = Selection Key





- Each menu screen has its own settings options.
- Press to navigate to different options within that screen, or to advance to next screen.

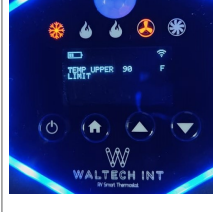


MANUAL PROGRAMMING FEATURE

Manual setting options are available by navigating to each menu screen and by selecting the available settings to operate the thermostat as desired. Some settings can be changed in the app.

Screens of the menu are listed below:

Screen Number	Menu Screens	Options Available
<p>1st screen</p>	FAN SPEED	LOW/HIGH
<p>2nd screen</p>	FAN MODE	ON/AUTO
<p>3rd screen</p>	COOLING	ON/OFF

 <p>4th screen</p>	<p>HEATING</p>	<p>ON/OFF</p>
 <p>5th screen</p>	<p>WI-FI/CELLULAR</p>	<p>WI-FI, CELLULAR & AUTO</p>
 <p>6th screen</p>	<p>HEAT 1</p>	<p>HEAT PUMP/ FURNACE</p>
 <p>7th screen</p>	<p>HEAT 2</p>	<p>HEAT PUMP/ FURNACE</p>








 <p>8th screen</p>	<p>TEMP UPPER LIMIT</p>	<p>≤ 90</p> <p>Adjusting this parameter sets a high limit that the user will not be able to exceed during operation.</p>
 <p>9th screen</p>	<p>TEMP LOWER LIMIT</p>	<p>≥ 40</p> <p>Adjusting this parameter sets a low limit that the user will not be able to exceed during operation.</p>
 <p>10th screen</p>	<p>ACCESS POINT ON</p>	<p>ON/OFF</p> <p>Allows Wi-Fi configuration. After setup this screen should be set to off for operation.</p>

Wi-Fi CONFIGURATION

How to pair your WalTech Smart RV Thermostat to your available Wi-Fi. (example: campground Wi-Fi or home Wi-Fi)

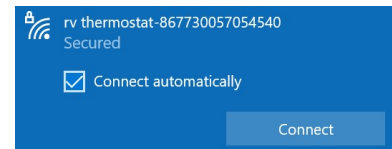
Please note that manual options must be used initially to pair Wi-Fi to the thermostat. NOTE: Needs to be reconfigured any time a different Wi-Fi is wanted.

Manually select internet option as Wi-Fi by navigating to screen 5. Follow steps below:

- Press  3 seconds to access the Menu.
- Go to the 5th screen (Wi-Fi/cellular) by pressing  repeatedly.
- Select Wi-Fi using  or .
- Now move to the 10th screen by pressing  repeatedly.
- Turn ON access point using  or .
- Hotspot symbol appears on top right side of the display.

When you switch on the access point your WalTech Smart RV Thermostat will become a hotspot and will start appearing on your list of available Wi-Fi.

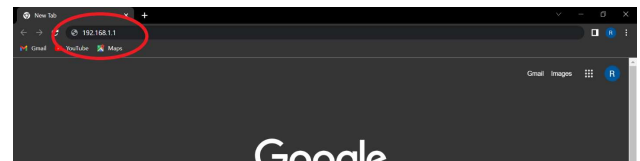
- Go to your Windows, Android or iPhone device and disconnect from your existing Wi-Fi connectivity.
- Select “rv thermostat-IMEI” from the list of available Wi-Fi as shown and click on connect. If you are asked if you want to stay connected to the internet, select yes. You may need to turn off auto reconnect on your device settings for your device connected Wi-Fi for these steps as well.



- Enter the Password “12345678”.

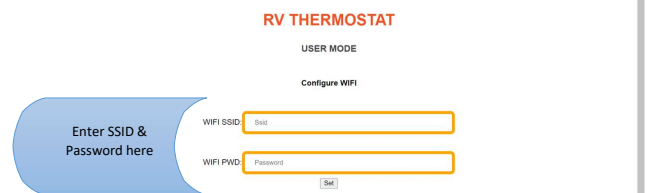
Now you have connected your Smart Thermostat and your phone with hotspot Wi-Fi.


- Login to 192.168.1.1 in your web browser (use Google Chrome).



- Enter your Wi-Fi Router’s SSID (Wi-Fi user name) and Password in respective boxes & Click Set.

*Note - this is your campground/home Wi-Fi and password where you are.



- Now turn OFF access point from the device menu (Screen 10).
- Wi-Fi symbol then appears on the top right side of the display.
- Configuration is complete, press  to return to operation screen.

WORKING PRINCIPLE

Current Room Temp (Fahrenheit)	Set Temp (Fahrenheit)	Expected Observation
82	80	<ul style="list-style-type: none"> • AC will be turned ON as room temp is greater than set temp. • FAN LOW or FAN HIGH will be turned ON according to FAN SPEED & FAN MODE set by the user. • AC will be turned OFF once room temperature reaches 80F.
78	80	<ul style="list-style-type: none"> • HEATER 1 will be turned ON. • FAN LOW or FAN HIGH will be turned ON according to FAN SPEED & FAN MODE set by the user. • FAN turn ON also depends on whether the heater is a furnace or heat pump.

		<ul style="list-style-type: none"> • HEATER 1 will be turned OFF once temperature reaches 80F.
76	80	<ul style="list-style-type: none"> • HEATER 1 & HEATER 2 will be ON. • FAN LOW or FAN HIGH will be turned ON according to FAN SPEED & FAN MODE set by the user. • FAN turn ON also depends on whether the heater is a furnace or heat pump. • HEATER 2 will be turned OFF once temperature reaches 78F. • HEATER 1 will be turned OFF once temperature reaches 80F.
80	80	<ul style="list-style-type: none"> • AC OFF • HEATER 1 & HEATER 2 OFF • FAN LOW or FAN HIGH will be turned ON according to FAN SPEED & FAN MODE set by the user.

❖ Connectivity & Communication Logics:

Different connectivity and communication methods are available in the 5th screen of the menu.



- Wi-Fi↔
Only search for Wi-Fi & will connect if available. **Note:** Wi-Fi will only connect to a network that is set up with a username and password. Needs to be reset any time Wi-Fi is changed.
- Cellular ↔
Only search for cellular and will connect if the network is available. Note: This will only work if you have an active subscription with WalTech.
- Auto↔
It will first search for Wi-Fi connectivity and will look to Connect Wi-Fi for 6 minutes. If it is unable to detect Wi-Fi it will start searching for Cellular service for the next 6 minutes. Once it is connected to Cellular it will stay in cellular service until reset to auto in settings.

❖ Fan Mode Setting

The user must understand that most furnaces have their own fan and are controlled by the furnace and not the thermostat. Further, most AC's and heat pumps have their own fans, and they are controlled by the fan function setting of the thermostat. Therefore, it is important to know what type of equipment you have and how the thermostat fan setting mode impacts operation of the fan in each piece of equipment.



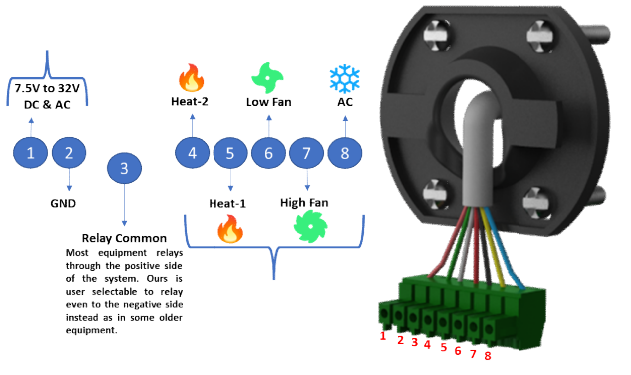
- FAN MODE can either be set as ON or AUTO.
- FAN MODE can be set as AUTO, if the user only needs to switch the fan ON along with AC or Heat pump. Based on setting the FAN SPEED can be adjusted to HIGH or LOW.
- FAN MODE can be set as ON, if the user needs to run the FAN full time. In this case, whether the furnace is running or not, the AC FAN will continue working.

WIRING DIAGRAM

Colors shown on wires are not necessarily correct for your installation. You will always have to verify your wire colors and their function for installation on this thermostat.

Term 3 will always require a jumper, 1-3 or 2-3. Depending on if you need to relay (+) (most common) or (-).

For 1 heat systems use heat 1, for 1 fan systems use either fan terminal.



IMPORTANT !!!!

You will need the information below for installation and Wi-Fi configuration.

Write down your unique I.D. # from back of thermostat here:

Colors	Function
1
2
3
4
5
6
7
8

Write down your existing wire colors and functions here

Designed in USA
Assembled in India

FC WalTech Smart RV Thermostat
Model: Smart RV Thermostat WJFLTE
Contains FCC ID: 2AC1713372, XN10V19181693M3

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. *Federal Register CFR 47, Part 15, subpart B-2017, Class B*

Canada
Contains IC: 21098-ESPWR00M32, 102244-20170180296
ICES-003, Issue 7 (2016) Information Technology Equipment (Including Digital Apparatus).
Class B, Canada (252-912-10) / NMS-103 (B)



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Your satisfaction as an early adopter of this innovation is extremely important to us!
Please share your feedback and this innovation with your RV community and friends!!
Your support for start-up businesses is critical and appreciated!!
Please reach out to contact@waltechint.com with questions, support, or feedback.

CHEERS!!!
Dan & Rocky

INSERT SIM

- Push to lock and push to exit type connector. Sim contacts to back. Corner notch upper left.



