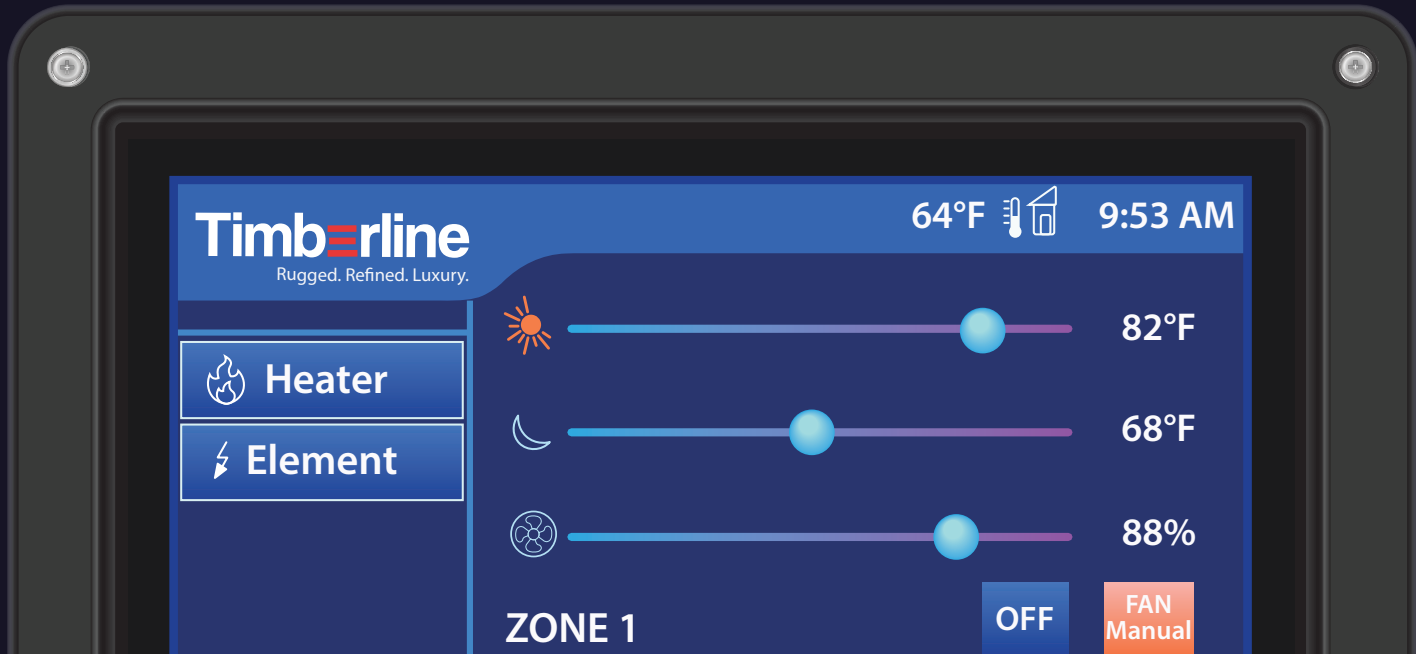


# Timberline 2.0

## TOUCH PANEL USER MANUAL

For use with the Timberline Heat and Hot Water System by Elwell



# Welcome

To your Timberline 2.0 Heat and Hot Water System.

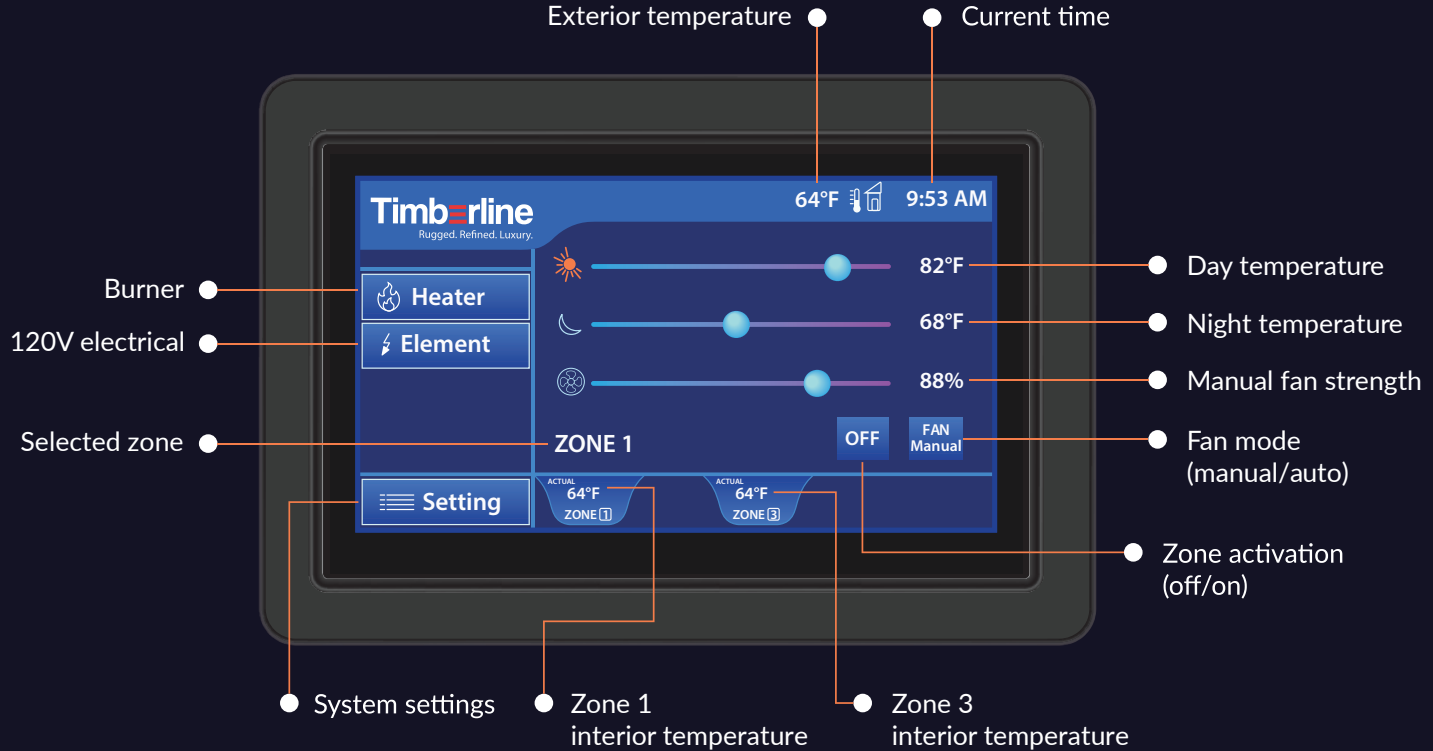
Follow along with this manual to learn how to set up and customize your heating system using your intuitive Timberline touch panel.

Visit: [timberlineheat.com](http://timberlineheat.com)

Email: [info@elwellcorp.com](mailto:info@elwellcorp.com)

Call: 360-608-0916

# Homescreen explained

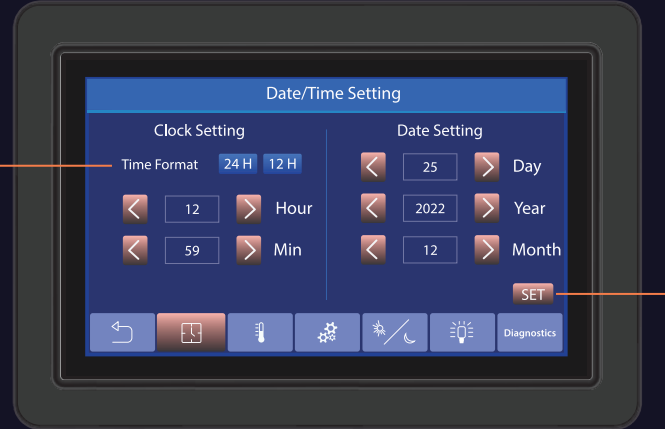


# Setting up your Time in settings

- 1 From the home screen, tap the **Setting** button to visit the system settings.



Home screen



First screen of system settings

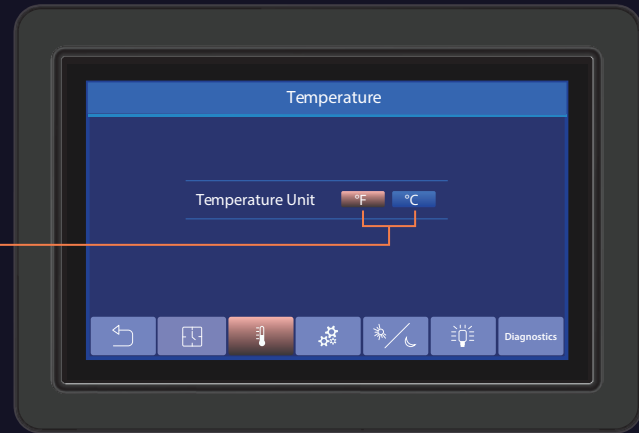
- 2 On the Date/Time Setting screen, select the Time Format of 24H or 12H. This changes how the time is displayed on the home screen.
- 3 Set your current time and date by pushing the orange buttons. Tap the **SET** to finalize.

Ensure your clock is set correctly. Day and Night temperatures on the home screen run based on the system clock.

# Setting up your Temperature

Second screen of system settings

- Tap one of the temperature unit buttons to choose whether your temperature displays as Fahrenheit or Celsius.



Second screen of system settings

# Using Storage Mode

Third screen of system settings

The storage mode feature keeps your van from freezing if temperatures get too low inside the van while your vehicle is parked and you are out adventuring for the day.

When the **Storage Mode** button is activated, the Timberline system will utilize the heater and electric to maintain the temperature inside your van. Heater and Electric will be “locked” in the on selection until Storage Mode is turned off.

## CAUTION

Do not use the storage mode feature while your vehicle is parked inside a building as the heater will produce fumes.



- Tap the **Storage Mode** button to activate storage mode.

# Setting your System Settings

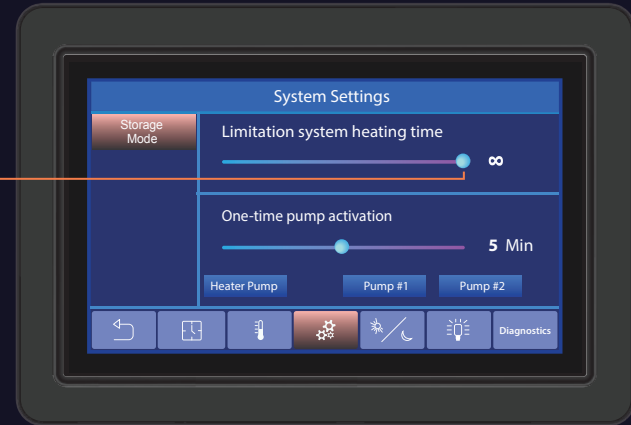
Third screen of system settings

## Limitation system heating time

Limitation system heating time allows you to choose a length of time the system will be activated; from one hour to infinity. This function can be used when you plan to leave your vehicle for some time and want to limit the heater operation.

## One-time pump activation

One-time pump activation is used by technicians when replacing or installing parts within the plumbing loops of the Timberline system. As a system owner you don't set anything for this part of the system.



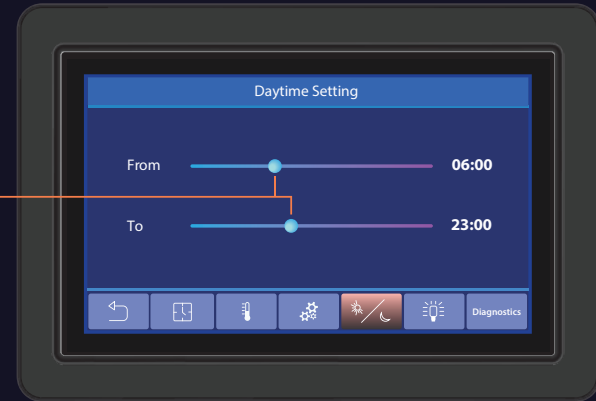
- Drag the slider from 1 Hour to infinity to choose how long you want your system to run.

# Setting your Daytime hours

Fourth screen of system settings

On the home screen you select the temperatures you want your heater to run during the day and night.

Use the Daytime Setting screen to set the hours you want your system recognize as day time. The system will automatically run your set day time temperature during those hours, and night time temperature during the other hours.



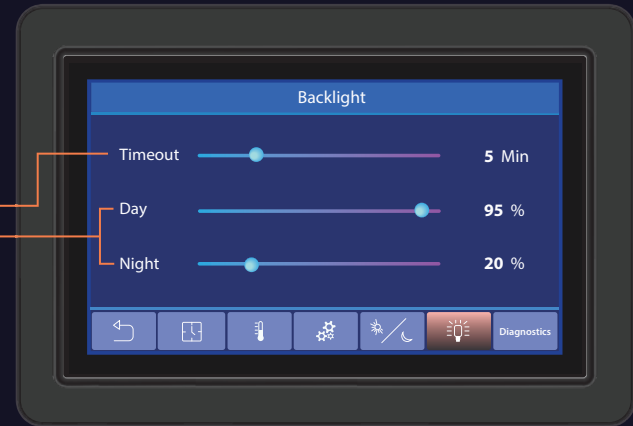
● Drag the sliders to choose from when to when you want the system to run your day time temperatures.



# Setting up your Backlight

Fifth screen of system settings

- Drag the Timeout slider to choose how long the touch pad screen will stay on before going to sleep.
- Drag the Day and Night sliders to choose the brightness of your touch pad screen during day and night hours.



# Diagnostics overview

Sixth screen of system settings

Diagnostics gives you a snapshot of how your system is running.

**Ambient Temperature:**

Current temperature of air outside the vehicle

**Tank Temperature:**

Temperature of coolant inside the Timberline Tank

**Flow Sensor Temperature:**

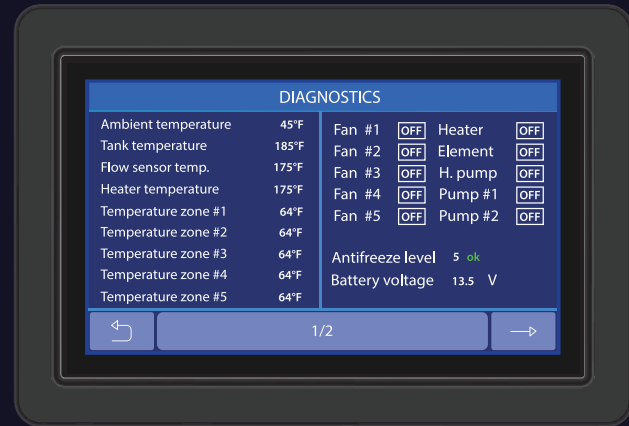
Temperature of domestic water into the Timberline Tank

**Heater Temperature:**

Temperature of coolant inside Timberline Heater

**Temp Zone 1,2,3,4,5 :**

Air temperature within the zone



**Fan 1,2,3,4,5 :**

Indicates if fan is ON/OFF

**Heater:**

Indicates if Heater is activated and running.

**Element:**

Indicates if 110V element is activated

**Heater Pump, Pump 1, Pump 2:**

Indicates if Pump is activated

# Diagnostics overview contd.

Seventh screen of system settings

## Total System Hours:

Shows number of hours the entire system has been run

## Heater Hours:

Shows number of hours the Heater has been run

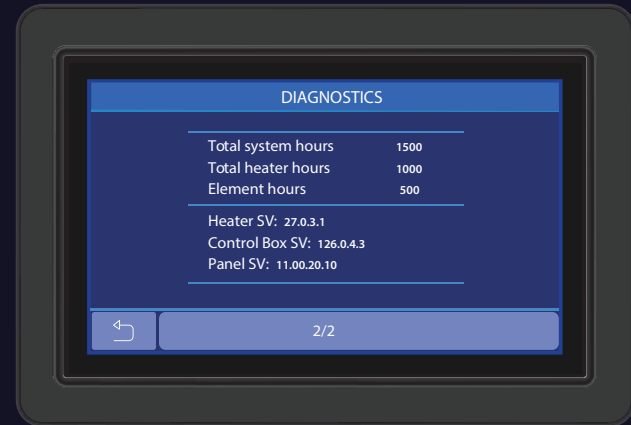
## Element:

Shows number of hours the electric has been run

Heater SV:  
Heater Version

Panel SV:  
Panel Version

Control Box SV:  
Control Box Version



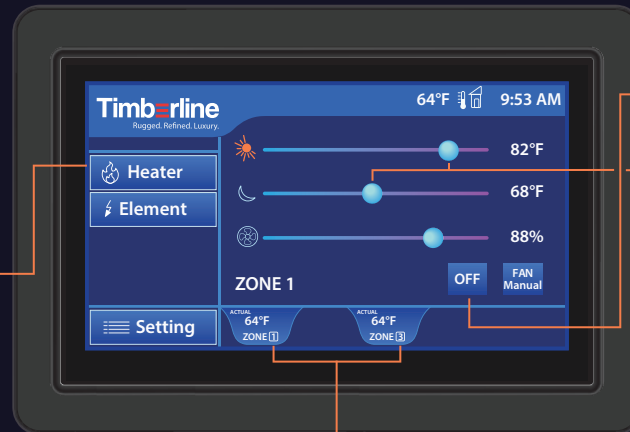
# Turning on your Heater

When the **Heater** button is selected and a zone is activated, the heater will run and keep the coolant hot and ready for hot water and heat.

The heater will cycle on and off, maintaining the temperature of the coolant.

1 Tap a **ZONE** tab to choose which heating zone to set.

2 Tap the **Heater** button to activate the burner.



3 Tap the zone **OFF/ON** button to activate that zone and turn the heat for your selected zone on and off.

4 Use the day and night sliders to set the temperature for each corresponding time.

*When a button is activated it will turn orange.*

# Turning on your Electric

When the **Element** button is selected and a zone is activated, the 1500 watt 120V electrical element will activate and provide supplemental heat to the coolant.

When both the **Heater** and **Element** buttons are selected the system automatically prioritizes using heat from the electric element. If there is greater heating demand on the system the burner will automatically engage and heat the glycol.

*Electric will only be available when connected to shore power, unless otherwise specified.*

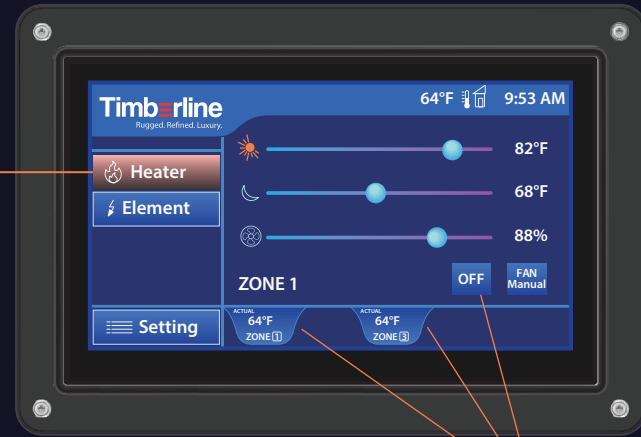


- Tap the **Element** button to activate your 1500 watt 120V electrical element.

# Turning on only your Hot Water

To turn your hot water on without turning on the fans and heating your van, make sure only your **Heater** button is activated and all zones are turned off.

The system will cycle and maintain its temperature and hot water will be available on demand.



- Ensure that your zones are all toggled OFF and the **Heater** button is the only button activated.

# Fan modes explained

When Fan manual mode is selected the fans consistently to run at the percentage you select, any time there is a call for heat.

When Fan auto mode is selected the fans will regulate air flow based on the needs inside the living space. The fans will blow harder when more heat is needed and softer when maintaining the selected set point.



## Fan Manual mode

- Drag the fan slider to choose the percentage at which your fan speed will run

## Fan Auto mode

- Tap the **Fan** button to toggle it to **Fan Auto**. When Fan Auto mode is selected, the fan slider will disappear from the home screen.



Visit:

**TIMBERLINEHEAT.COM**

for more information about your system.

**Contact us here for support**

Email: [info@elwellcorp.com](mailto:info@elwellcorp.com) | Call: 360-608-0916

680-C South 28th St. Washougal, WA 98671