WHAT YOU SHOULD KNOW ABOUT THE ELECTRONIC TEMPERATURE CONTROLLER

Congratulations! As part of UI's continuing effort to provide you with the latest tools in energy management, we have installed an Electronic Temperature Controller with built-in Timer on your water heater. The high efficiency Hubbell brand water heater is designed to heat your water during off peak hours (typically at night) when lower electric rates occur, and then store the heated water for your use during peak hours (typically during the day). The controller has been pre-programmed to ensure that your water heater operates during off-peak hours according to UI's off peak schedule. You don't need to do a thing! However, there are certain features included in the Controller that provide additional capabilities and are described below.

About the controller

The Electronic Temperature Controller provides the ability to control and customize the operation of the water heater. The digital display shows the current status of the water heater, and can display useful information such as the water temperature currently in the tank, error notifications, and more. It allows for basic customization, such as adjustment of the temperature set point, as well as more advanced options. The water heater is automatic in operation and will maintain a full tank of water at the temperature setting of the controller.

The Home Screen

The home screen provides a quick reference to the current status of the water heater, and shows the hot water setpoint temperature set by UI at 135°. The controller buttons provide the user with a means to interface with the Electronic Controller to change the configuration settings and control the operation of the water heater. The "POWER" button is used for putting the water heater into standby mode. It is also used in the options menu to navigate backwards and to cancel setpoint selection without saving. The "MODE" button is used for entering into Customer Override mode as well as navigating the options menu and serving as a cancel button in certain menus. The "UP" button is used for increasing and the "DOWN" button is used for decreasing numeric settings. The "AWAY" button is used for entering/exiting vacation override. It is also used to set/unset child lock. The decimal lights blink to indicate when an element is actively heating, the left decimal is the upper and the right decimal is the lower heating element.
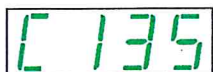
Or simply do nothing and enjoy your carefree water heater! Leave everything to us! If you need any assistance with your new water heater or have any questions about your lease, please don't hesitate to call us...anytime!

Digital Display

What you will see during Peak Times:

P 135

What you see during Off Peak Times:

. 135.
Temperature Setpoint
Top Power   Bottom Power

What you will see when you press Mode:

C 135

What you see when you press Away:

A-07

Customer Override

If you wish to override the Timer and allow the unit to temporarily heat during peak time, you can accomplish this by pressing the MODE button. Activating this feature may be beneficial when you know you are expecting to use a greater than normal amount of hot water, e.g. during holidays when additional people may be using hot water. During Peak Time periods, "P" will be displayed before the setpoint temperature, and if the "MODE" button is pressed activating the customer override, the "P" will be replaced with a "C" while in override mode. Please note that this is temporary only, and after a few hours the heater will automatically return to normal operation. Customer Override can be activated only one time per day.

Vacation Mode

Vacation mode deactivates the water heater for extended periods of time. This is useful for saving energy when the water heater will not be used for a period of several days. This feature will maintain a water temperature of 50°F to prevent freezing. To activate vacation override, press the "AWAY" button on the controller. The display will show "A-07", indicating the default vacation length of 7 days. The minimum vacation length is 2 days and the maximum is 99 days. Use the "UP" or "DOWN" buttons to adjust the desired length of time in vacation mode. Once the desired time period is displayed, press the "POWER" button to save the selection. The water heater will now be in Vacation mode. The display will show "A-##", where "##" is the number of days remaining in the vacation mode period. The water heater will exit vacation mode automatically one day before the specified time period has elapsed. It is designed this way such that when the user returns from being away, hot water will be available. To manually cancel or end Vacation mode, press the "AWAY" button once.

Child Lock

This feature acts as a locking mechanism to disrupt an attempt by a user to change any settings including making adjustments to temperature. To activate the Child Lock feature, press and hold the "AWAY" button until "chLd" is displayed on the screen. The controller is now locked. To exit Child Lock mode, press and hold the "AWAY" button until "un" is displayed. You will be returned to the home screen.

Temperature Adjustment

Temperature setpoint represents the desired approximate temperature of the water inside the water heater. The setpoint may be adjusted to your liking, but any temperature setting beyond 135°F is not recommended by UI for safety purposes. To change the temperature set point **simultaneously** press the "UP" **and** "DOWN" buttons. The display will flash and as you press the "UP" or "DOWN" buttons the new setpoint will flash in the display. Once the desired temperature setting has been reached, allow the screen to time out after 5 seconds or simultaneously press the "UP" and "DOWN" buttons. The display will now show the newly set temperature.

Error Codes

If the Electronic Temperature Controller detects a fault condition, the unit will display an error code that identifies the problem. Passing this information along to UI will be helpful to getting the water heater repaired and operational quickly.

Error Code	Fault
ETC-H2O	Top or Bottom sensor
F-01	Top sensor
F-02	Bottom sensor
F-03	Top Element
F-04	Bottom Element
F-05	Both Elements