EZ3 Wi-Fi® THERMOSTAT

PRODUCT TRAINING CONTENT

HOMEOWNER USER GUIDE

Made in the USA from domestic and foreign components

TOTALINE®

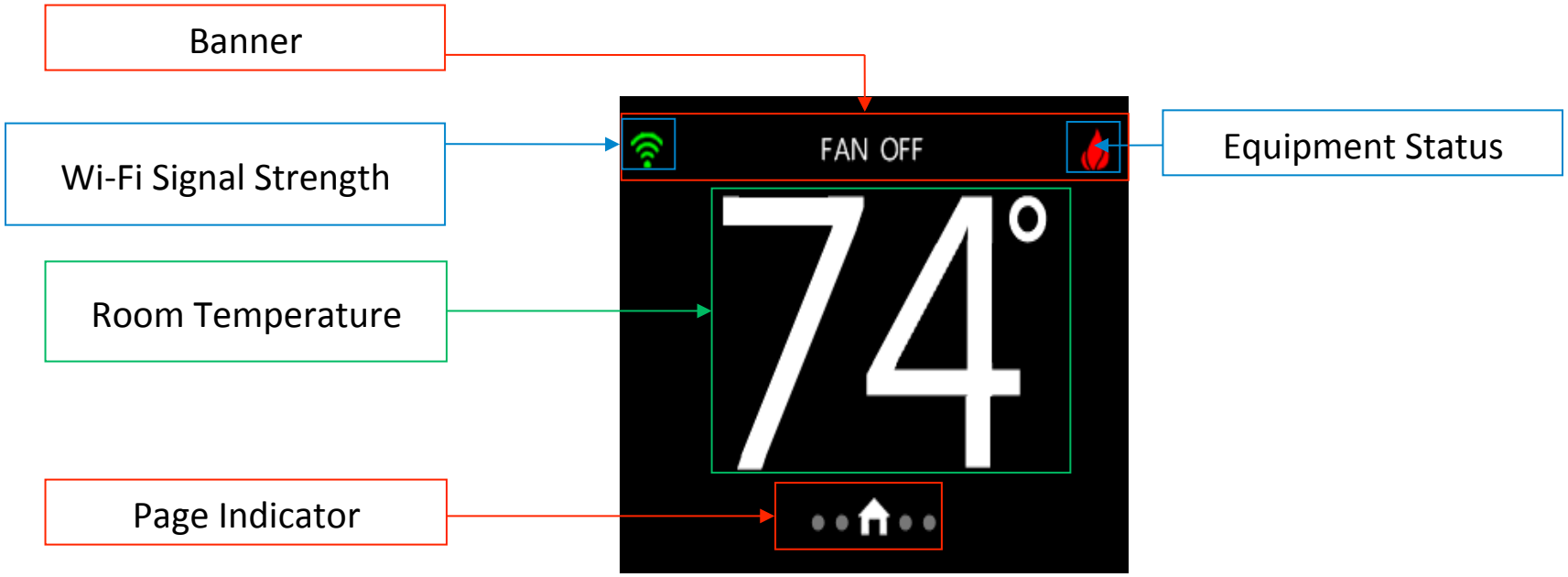
Universal HVAC/R Parts and Supplies

TABLE OF CONTENTS

EZ3 Wi-Fi® THERMOSTAT

USER INTERFACE

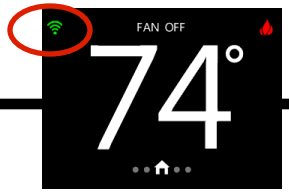
USER INTERFACE – HOME SCREEN

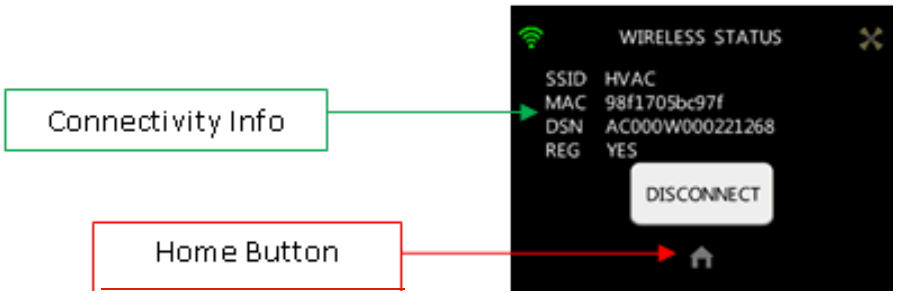


HOME SCREEN DEFINITIONS

SCREEN SEGMENT	DEFINITION
Banner	The Banner is used to provide status information to the end user of the thermostat. The center portion of the Banner scrolls through the selected Banner options chosen (every 3 seconds) in the Settings – Banner Screen
Wifi Strength	The left side of the Banner will display the current Wi-Fi signal strength by the number of green bars displayed. A strong signal will have a green dot with 3 arched bars over it. If the thermostat has no current connectivity to a router the Wi-Fi icon will turn red.
Room Temperature	The Room Temperature sensed by the thermostat. The temperature is displayed in whole degrees. The default temperature scale is degrees Fahrenheit, but can be changed to degrees Celsius in the Installer Settings options
Page Indicator	The Page Indicator at the bottom of the screen indicates which top level screen is active. When the Home Screen is the active screen the small house icon in the Page Indicator field is white and the two dots to the left are grey and the two dots to the right are grey.
Equipment Status	The right side of the Banner displays the current Mode selected. If the selected Mode icon is flashing, this is an indication that the heating or cooling equipment associated with the current Mode is actively heating or cooling.

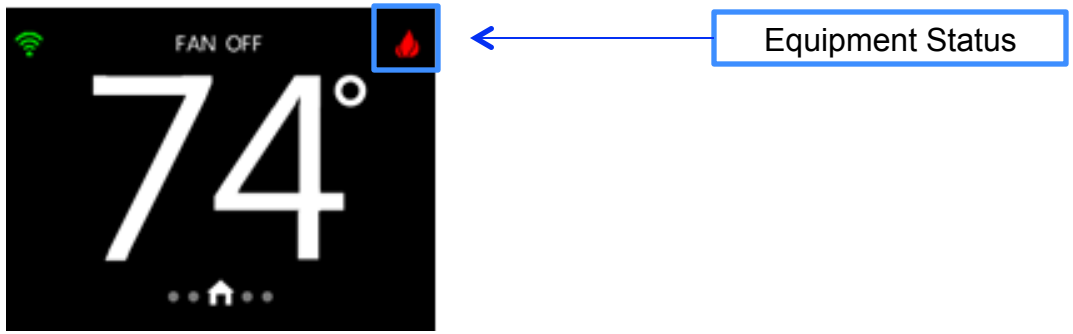
HOME SCREEN – WIFI STRENGTH





DEFINITION	DEPENDENCIES	FUNCTION
The "Wireless Status Screen" is invoked when the end user presses the Wi-Fi Signal Strength Button on the Banner. This screen provides Wi-Fi connectivity information. Pressing the Disconnect Button will remove connectivity to the currently connected router, placing the unit into Soft AP mode so that the unit can discover a new Wi-Fi router network.	None	Display Wi-Fi connectivity information

HOME SCREEN- EQUIPMENT STATUS



DEFINITION	DEPENDENCIES	FUNCTION
The “Equipment Status” is invoked when the end user presses the Equipment Status Button on the Banner. If the Fan Icon is shown when the equipment status location is pressed, the “Fan Screen” will be invoked. If the Cooling Icon or Heating Icon is shown when the equipment status location is pressed, the “Mode Screen” will be invoked.	None	The icon displayed in the “Equipment Status” area of the screen will pulse off and on if the equipment is currently being activated, otherwise the icon in this area will be on solid. Available icons for this area designate HEAT( ), COOL ( ) or FAN mode/ operation ( ).

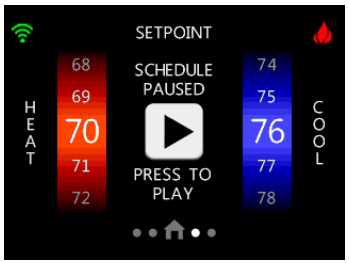
EZ3 Wi-Fi® THERMOSTAT

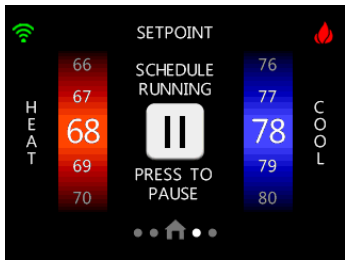
END USER SETTINGS

END USER SETTINGS – SET POINT

Scroll

Available on APP



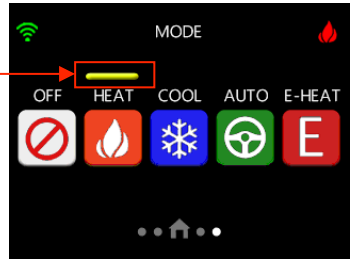


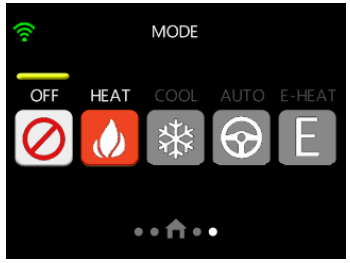
DEFINITION	DEPENDENCIES	FUNCTION
The “Set point Screen” is used to adjust the current heat set point and cool set point. The orange Heat Set point Wheel is used to adjust the heat set point. The blue Cool Set point Wheel is used to adjust the cool set point.	If the thermostat is setup as a Non-Programmable thermostat then the Play Button / Pause Button and associated text above and below these buttons will not be present. If the thermostat is setup in a Heat Only configuration then the Cool Setpoint Wheel will be greyed and disabled. If the thermostat is setup in a Heat Only configuration then the Cool Setpoint Wheel will be greyed and disabled.	An indoor equipment type must be chosen so that an airflow source is available to the system operation. The two types of indoor equipment defined for operation are a FURNACE and an AIR HANDLER (sometimes also referred to as a FAN COIL). The indoor equipment is not required to have a heat source present, which is selectable with the Indoor Equipment Stages setting. If control of a PACKAGE UNIT is desired and the PACKAGE UNIT has a natural or propane heating source installed, the FURNACE option should be selected.

END USER SETTINGS – MODE SCREEN

Scroll

Mode Selected Bar



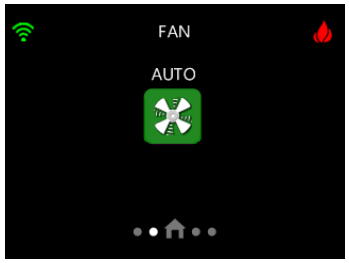


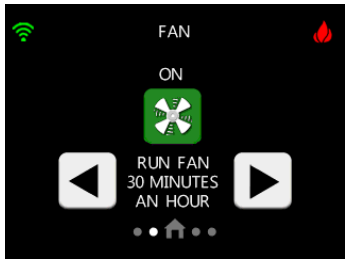
DEFINITION	DEPENDENCIES	FUNCTION
The "Mode Screen" is used to allow the end user to see and change the currently selected mode. The center of this screen displays the Off Mode Button, the Heat Mode Button, the Cool Mode Button, the Auto Mode Button, and the Emergency Heat Mode Button. The horizontal yellow Mode Selected Bar is always shown above the mode that has been selected by the end user.	Some modes may not be available based on the Indoor Equipment Type or the Outdoor Equipment Type selections. An example of a system without any Cooling or Aux Heating equipment selected is shown in the right most screen shown above. The Cool Mode Button, the Auto Mode Button, and the Emergency Heat Mode Button in this screen (and associated text) is "greyed" to indicate that these options are not available and the buttons cannot be selected.	Changing from one mode to another mode will not affect operation of the thermostat until the newly selected Mode Button has been selected for at least 10 seconds. Changing from one mode to another (e.g. Heat mode to Cool mode) will first require that the thermostat first satisfy any Minimum ON Timer requirements and then will restart the Minimum OFF Timer that will be required to expire before equipment will be turned on in the new mode. Going from any Heating or Cooling Mode to Off Mode will immediately shut off an equipment that is active (after the 10 second mode button requirement is satisfied).

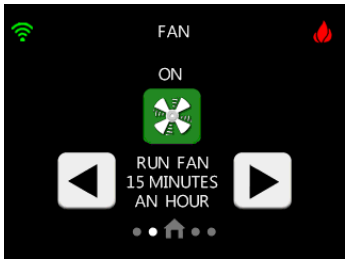
END USER SETTINGS – FAN

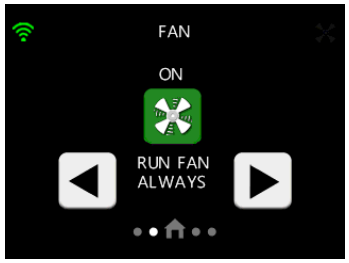
Scroll

Available on APP







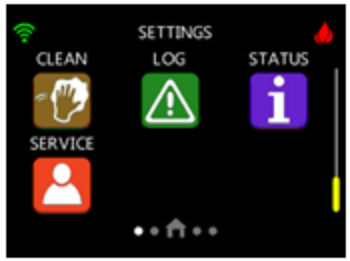


DEFINITION	DEPENDENCIES	FUNCTION
The “Fan Screen” is used to allow the end user to see and change the currently selected fan operation. To turn on the fan without an active heating or cooling demand, the end user can push the green Auto Button to enable selectable minimum on times for the fan to run. Once the end user presses the Auto Button, a Left Arrow Button and a Right Arrow Button (with descriptive text) will appear at the bottom of the “Fan Screen”.	None	This function is used to allow the end user to adjust fan operation. The default setting for fan operation is “auto”. When operating in “auto” mode, the fan will only run when there is an active heating or cooling demand. The minimum run time selected will force the fan to run for the first minutes selected for each hour of the day, regardless of whether or not an active heating or cooling fan exists during that time. Following this period, for the remaining minutes of the hour, the fan will only run when there is an active heating or cooling demand.

END USER SETTINGS MENU

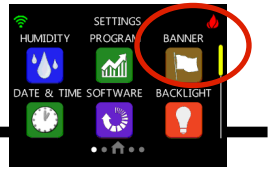
Scroll

Available on APP

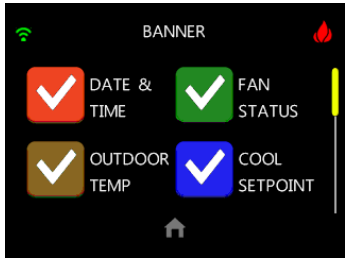


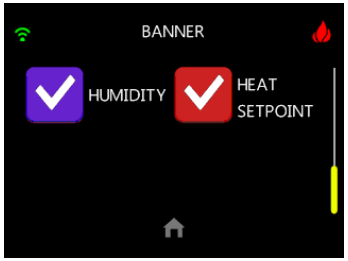
DEFINITION	DEPENDENCIES	FUNCTION
The “Settings Screen” is used to give the end user access to change or view options available in the thermostat. Since more icons representing options exist that can be displayed on one screen at a time, the vertical yellow Row Indicator is used to show the end user that scrolling up and down through additional rows of icons is available.	None	When one of the displayed icons is pressed, the appropriate screen will appear allowing the end user to make adjustments or view options or status.

END USER SETTINGS - BANNER



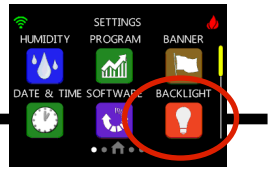
Available on APP

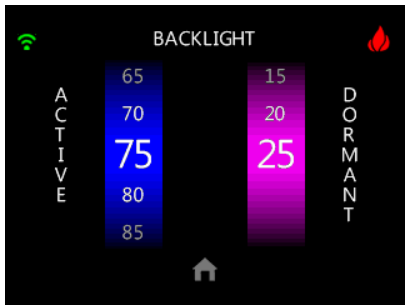




DEFINITION	DEPENDENCIES	FUNCTION
Banner Selection Screen" is used to give the end user access to select or unselect displayable banner options. When one of the displayed icons is pressed, the white checkmark will appear (if not already present) and disappear (if already present). If the white checkmark is present, the associated item will be scrolled in the banner area of the Home Screen.	The HEAT SETPOINT Checkbox and COOL SETPOINT Checkbox will be "greyed" and functionality will be disabled if the equipment selection does not allow for heating or for cooling.	The "Scrolling Message" area of the screen allows for the selected information to be displayed in the Banner area of the screen. Every 3 seconds the information will scroll up to display the next selected banner information.

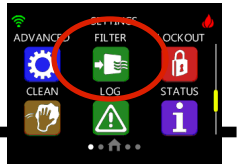
END USER SETTINGS - BACKLIGHT





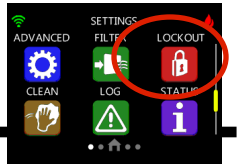
DEFINITION	DEPENDENCIES	FUNCTION
Backlight Screen is used to allow the end user access to change or view the backlight intensity in Active and Dormant backlight modes. The blue Active Backlight Wheel is used to adjust the backlight intensity when the thermostat is in an active state (being accessed or viewed by the end user). The purple Dormant Backlight Wheel is used to adjust backlight intensity when the thermostat is in a dormant state (not being viewed or adjusted by the end user).	None	The Active Backlight Wheel allows for adjustment from 10% to 100% of full backlight intensity, with 75% being the default (and recommended) end user setting. The Dormant Backlight Wheel allows for adjustment from 0% to 25% of full backlight intensity, with 25% being the default (and recommended) end user setting. From the dormant state, the active state will be activated by either presence detection or by touch activity. The dormant state will be entered after 15 seconds (default value) of inactivity and presence. The 15 second timeout of inactivity can be changed in the Settings – Advanced screen by adjusting the Screen Timeout value. Presence detection can be disabled in the Settings – Advanced screen by setting the Proximity value to “NO”.

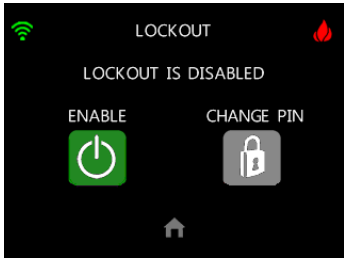
END USER SETTINGS - FILTER



DEFINITION	DEPENDENCIES	FUNCTION
Filter Screen" provides a screen to view the Filter Reset Reminder hour timer information. This screen also has a RESET button to allow the end user to reset the Filter Reset Reminder hour timer to its default value. Confirm Reset Screen" provides a screen to ensure that the end user intended to reset the Filter Reset Reminder hour timer. Pressing the YES button will reset the timer and pressing the NO button will return to the "Settings – Filter Screen".	None	A filter reminder event when the Filter Reset Reminder hour timer counts down to a value of zero. Decrements to the timer will happen each hour of total equipment runtime is accumulated. Minute counts within each hour are not stored in non-volatile memory, so a power reset will clear out the minutes within each hour of run time. The Filter Reset Reminder hour timer value is stored in non-volatile memory.

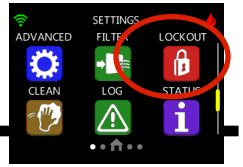
END USER SETTINGS - LOCKOUT

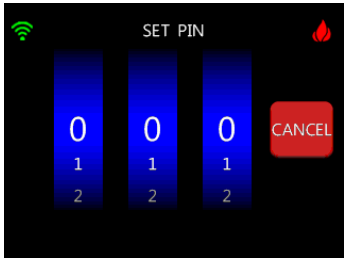


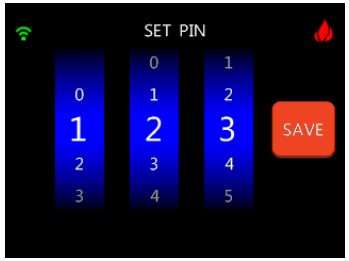


DEFINITION	DEPENDENCIES	FUNCTION
Lockout Screen is used to allow the end user to set or cancel a lock PIN for the thermostat. If the thermostat does not already have a PIN set, the Change PIN Button is greyed out and is not active. If the thermostat previously had a PIN saved, pressing the purple Change PIN Button allows the user to go to the "Set PIN Screen" to select and save a new PIN. Pressing the green Enable Button will also take the end user to the "Set PIN Screen" to select and save a new PIN.	None	This function is used to lockout unauthorized changes via the touch screen interface.

END USER SETTINGS – LOCKOUT -PIN

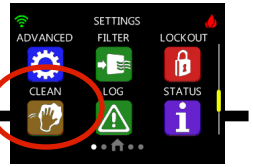


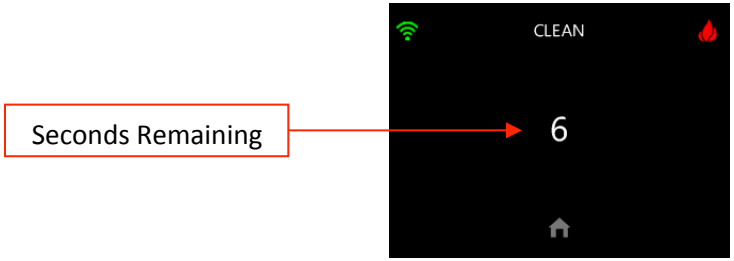




DEFINITION	DEPENDENCIES	FUNCTION
The Set PIN Screen is used to allow the end user to choose their own a 3-digit lock PIN for the thermostat. The 3 blue Digit PIN Wheels are used to select a custom PIN. Once the end user is finished choosing a 3-digit PIN, the user presses the orange Save Button to both save the PIN and return to the Lockout Screen (defined in the previous section).	None	This function is used to set a PIN number to be used with the Lockout functionality

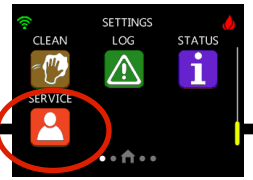
END USER SETTINGS – CLEAN SCREEN





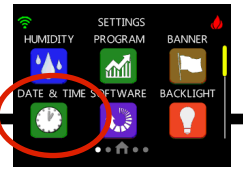
DEFINITION	DEPENDENCIES	FUNCTION
Clean Screen completely disables capacitive touch functionality while this screen is active.	None	This function is used to “halt” touch screen interaction for 10 seconds, allowing the end user the opportunity to clean off the screen with a dry nonabrasive cloth. During this time, a 10 second countdown value will be displayed on the Clean Screen. After the 10 second timer has expired, normal touch screen interaction will resume.

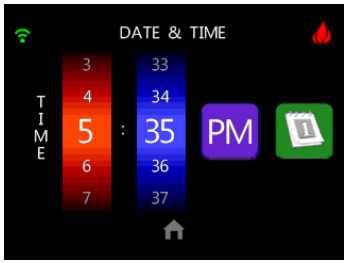
END USER SETTINGS – SERVICE

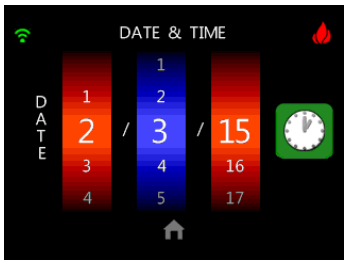


DEFINITION	DEPENDENCIES	FUNCTION
Service Screen provides a screen to view the Dealer/Installer Service contact information.	None	The information displayed on this screen is editable via the APP for this thermostat. NFC transfer and Wi-Fi transfer are all methods to set and edit this information.

END USER SETTINGS – DATE/TIME

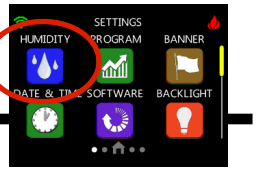




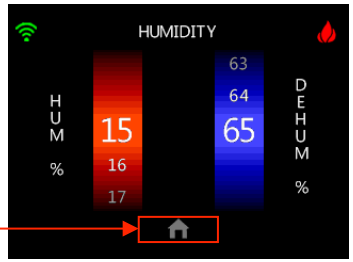


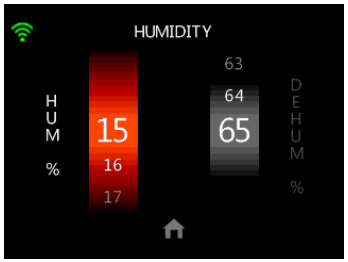
DEFINITION	DEPENDENCIES	FUNCTION
The “Date Adjust Screen” and “Time Adjust Screen” is used to allow the end user access to change or view date and time on the thermostat. Switching between the Date Adjust Screen and the Time Adjust Screen is done with the green icon button at the right side of the screen	None	When the thermostat is first registered and connected to a Wi-Fi router, both the date and time will be synced with the server (based on the geolocation of the phone/tablet used to connect the thermostat to a router or based on the ISP location if a PC is used to connect the thermostat to a router). The time & date will be updated/synced at the top of each hour automatically, unless the “Sync Time To Server” option in the Settings – Advanced screen is set to “NO”.

END USER SETTINGS - HUMIDITY



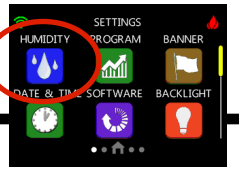
Home Button





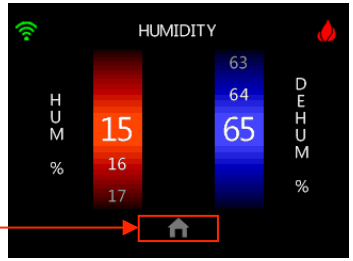
DEFINITION	DEPENDENCIES	FUNCTION
The Humidity Screen is used to allow the end user access to change or view humidify and dehumidify set points on the thermostat. The orange Hum Setpoint Wheel is used to adjust the humidify set point. The blue Dehum Set point Wheel is used to adjust the cool to dehumidify set point.	If the✱" output is configured to be used as a "O" or a "B" output for a heat-pump or if the "✱ output is configured to be used as a "Y3" output for a 3-stage cooling, the HUMIDIFY functionality is not available in the thermostat and the orange Hum Setpoint Wheel will be "greyed" and its functionality will be disabled.	The✱" output will be enabled to energize a 24VAC signal to humidifier equipment if a humidity demand is present and the heating equipment is actively heating.

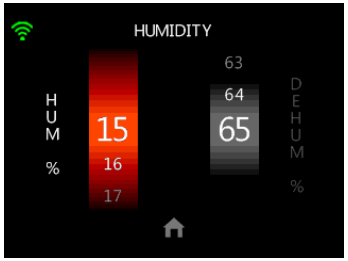
END USER SETTINGS - DEHUMIDITY



Available on APP

Home Button





DEFINITION	DEPENDENCIES	FUNCTION
The Humidity Screen is used to allow the end user access to change or view humidify and dehumidify set points on the thermostat. The orange Hum Setpoint Wheel is used to adjust the humidify set point. The blue Dehum Set point Wheel is used to adjust the cool to dehumidify set point.	If cooling equipment is not available (based on the Outdoor Equipment Type selections made in section 4.8.3) then the COOL TO DEHUMIDIFY functionality is not available in the thermostat and the blue Dehum Set point Wheel will be “greyed” and its functionality will be disabled (as shown in the rightmost screen above).	The cool to dehumidify function tells the system to operate the compressor, within limits, when there is a dehumidification demand even if there is no cooling demand. The limits are that the system may overcool up to 3° F (1.7° C), but no more, while attempting to satisfy a dehumidification demand.