

E40**Residential Control System****Programmable Smart Wi-Fi Thermostat**
**RESIDENTIAL
PRODUCT SPECIFICATIONS (EHB)**

The Lennox® E40 is a Smart Wi-Fi-enabled, electronic 7-day, universal, multi-stage, programmable, touchscreen thermostat.

- Enhanced capabilities include:
 - Control for humidification / dehumidification / dewpoint measurement and control
 - Humiditrol® Enhanced Dehumidification Accessory (EDA) and Ventilation Control System
 - Healthy Climate® Heat/Energy Recovery Ventilation (HRV/ERV) and fresh air damper control to meet ASHRAE 62.2 "Ventilation and Acceptable Indoor Air Quality in Residential Buildings"
 - Scheduled maintenance reminders and system alerts
- Easy to read 5 in. color screen (measured diagonally)
- LCD display with backlight shows the current and set temperature, time, inside relative humidity, system status (operating mode and schedules) and outside temperature (optional outdoor sensor required)
- Touchscreen interaction
- Ergonomic design
- Smooth Setback Recovery starts system early to achieve setpoint at start of program period
- Compressor short-cycle protection (5 minutes)
- Real-time clock keeps time during power failures and automatically updates to daylight savings
- Maintenance reminders let user know when to service or replace filters plus one user or installer defined custom reminder
- Up to four separate schedules are available plus Schedule IQ™
- One-Touch Away Mode - A quick and easy way to set the cooling and heating setpoints while away
- Smart Away™ - Uses geo-fencing technology to determine when the homeowner is within a predetermined distance from the home to operate the system when leaving, away and arriving
- Weather-On-Demand - Live up-to-date weather data, seven-day forecasts and outdoor conditions (allergies, UV air quality)
- Permanent memory storage of programs
- Back Plate (subbase) and Wall Cover Plate furnished

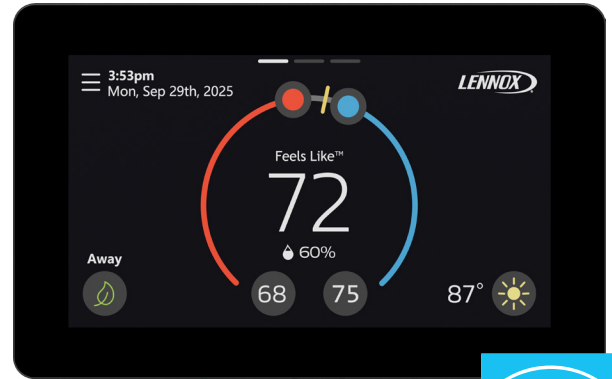
HOME AUTOMATION

- Amazon® Alexa-enabled
- Works with Google Assistant
- Works with Control4® and Building36® integration
- Works with Matter Smart Home Automation
- Works with IFTTT

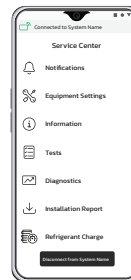
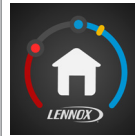
OPTIONAL ACCESSORIES

- Lennox Smart Room Sensor
- Lennox Smart Air Quality Monitor
- Lennox Wireless Extender

**Up To 2 Heat / 2 Cool Conventional
Up To 4 Heat / 2 Cool Heat Pump and Dual-Fuel**

**MOBILE APPS**

Control temperature, fan operation, set programs/schedules, set Away mode and commission devices in the Lennox® Home App.



All thermostat commissioning and settings are made in the Lennox® Smart Tech App.

**WARRANTY**

- Limited five years in residential applications

NOTE - Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

APPROVALS

- ENERGY STAR® certified
- Factory preset program settings conform to EPA ENERGY STAR® recommended setpoints

APPLICATIONS

- Fully programmable thermostat provides universal system compatibility, precise comfort control and easy programmability
- Provides temperature control for conventional gas, electric systems (up to 2 heat / 2 cool) and heat pump systems (up to 4 heat / 2 cool, heat pump and dual-fuel)

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OPTIONAL ACCESSORIES

LENOX SMART ROOM SENSOR



- Wireless sensor collects room temperature and occupancy status and transmits it to the thermostat via Bluetooth Low Energy (BLE) mesh network
- Sensor uses an algorithm to calculate average room temperature based on room occupancy / temperature sensor input along with the thermostat's built-in sensors
- Up to six sensors can be used with a single E40 thermostat
- Maximum range - 70 ft.
- Operates on two AA 1.5V lithium-ion batteries (furnished), two-year battery life
- Status LED indicates various conditions:
 - Red - Low battery
 - Blue - Signal strength is low or out of range
 - Green - Sensor is in pairing mode
 - Off - Normal operation

 LED will alternate between red and blue if there are more than two conditions simultaneously active.

- Pairing/Reset Button on bottom allows pairing and also reboots sensor to original factory condition
- Sensor stand and hardware is furnished for installation on a wall

LENOX SMART AIR QUALITY MONITOR



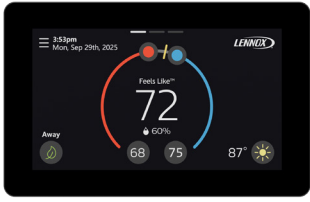
- Wireless monitor collects data on particulate matter (PM_{2.5}), carbon dioxide (CO₂) and volatile organic compounds (VOC) and transmits it to the thermostat via Bluetooth Low Energy (BLE) mesh network
- Status LED indicates various conditions:
 - Blue - Signal strength is low or out of range
 - Green - Sensor is in pairing mode
- Pairing/Reset Button (recessed) allows pairing and also reboots monitor to original factory condition
- 24VAC power (not furnished)
- Hardware is furnished for installation on a wall

LENOX WIRELESS EXTENDER



- Extends the effective Bluetooth Low Energy (BLE) mesh network range
- Up to two wireless extenders can be used with a single E40 thermostat
- Power - Two prong plug-in to 120V electrical connection
- Status LED indicates various conditions:
 - Blue - Signal strength is low or out of range
 - Green - Extender is in pairing mode
 - Off - Normal operation
- Pairing and Reset Buttons allows pairing with thermostat and also resets sensor to original factory condition

THERMOSTAT AND ACCESSORIES ORDERING INFORMATION



Lennox® E40 Smart Thermostat



Lennox® Smart Room Sensor



Lennox® Wireless Extender



Lennox® Smart Air Quality Monitor

Description	Catalog
Lennox® E40 Smart Wi-Fi Thermostat Dimensions (W x H x D): 5-3/8 x 3-3/8 x 1 in. (136 x 86 x 25 mm)	30L26
Lennox® Smart Room Sensor Dimensions (W x H x D): 5-1/2 x 4 x 3 in. (139 x 102 x 76 mm)	22V25
Lennox® Wireless Extender Dimensions (W x H x D): 5-1/2 x 4 x 2-1/2 in. (139 x 102 x 64 mm)	22V26
Lennox® Smart Air Quality Monitor - Dimensions (W x H x D) 4-3/8 x 3-5/8 x 1-3/8 in. (111 x 92 x 35 mm)	21P02
¹ Optional Outdoor Air Temperature Sensor	X2658

¹ The Optional Outdoor Air Temperature Sensor may be ordered for use with a conventional outdoor unit.

NOTE - The Optional Outdoor Air Temperature Sensor is REQUIRED for dual-fuel applications with heat pump outdoor unit. Also required with Enhanced Dehumidification Accessory (EDA) applications

SPECIFICATIONS

NOTE - For use with residential equipment only.

Temperature Setting Range

- Heating - 60 to 87°F
- Cooling - 63 to 90°F
- Wider setting (configured on the Lennox® Home App):
 - Heating - 40 to 99°F
 - Cooling - 60 to 99°F

Power Supply

- 24VAC (18 to 30VAC maximum), 50/60Hz

Clock Accuracy

- ± 10 minutes per year

Dimensions

- Thermostat (W x H x D) - 5-3/8 x 3-3/8 x 1 in. (136 x 86 x 25 mm)
- Back Plate (Subbase) (W x H) - 4-3/4 x 2-7/8 in. (121 x 73 mm)
- Wall Cover Plate (W x H) - 6-1/8 x 4-1/4 in. (156 x 108 mm)

Backup

- Non-volatile memory maintains all programming in the event of a power outage

Terminals

Spring-loaded or screw type terminals for easy connections.

- R - 24VAC power
- Y1 - 1st Stage Cooling (AC) or Compressor Output (Heat Pump)
- W1 - 1st Stage Heating (AC or Emergency Heat) or 3rd Stage Heating (Heat Pump)
- G - Fan
- C - Common 24VA
- O/B - Reversing Valve (Cooling/Heating)
- Y2 - 2nd Stage Heating or Cooling
- W2 - 2nd Stage Heating (AC) or 4th Stage Heating (Heat Pump)
- DH - Dehumidifier/Humidifier Relay
- R2 - Secondary 24VAC power
- ACC1 - Accessory
- ACC2 - Accessory
- TO - Outdoor Sensor
- TC - Outdoor Sensor Common

NOTE - Terminal settings for O/B are configured in the Dealer Service Center > Equipment Setting > Thermostat.

MOBILE APPS (HOMEOWNER/INSTALLER)

LENNOX HOME (Homeowner)



The free Lennox Home App is available for use on smartphones.

Control cooling/heating temperatures, fan operation, set programs/schedules and set Away mode for multiple locations.

Commission Smart Room Sensors, Wireless Extender and IAQ Monitor.



LENNOX PROS APP (Installer)

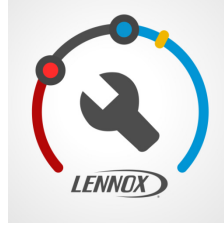


LennoxPROs mobile application has all the information HVAC Professionals and businesses need in one place.

- Product Catalog
- Residential/Commercial products
- Parts and Supplies
- Clearance Center
- Real-Time Product Availability
- Technical Tools
- AHRI Residential Match-up Tool
- OEM Repair Parts
- Technical Documents
- Sales Tools
- Marketing Brochures
- Commercial Quick Quote
- Warranty Tools
- Warranty Lookup
- Training Center
- My Learning



LENNOX SMART TECH (Installer)



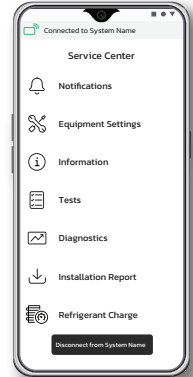
Allows the installer to commission the system and remotely turn the system on and off during setup or service call from a smartphone.

Alerts and Notifications sent to Dealer to notify when servicing or maintenance is required.

Share advanced diagnostics with the Dealer to aid in servicing and troubleshooting.

Allows quick connection to the thermostat via Bluetooth for easier system configuration changes via a Smartphone.

- Equipment Configuration Profile (ECP):
 - Allows dealers to create unique equipment profiles specific to products sold at their dealership
 - Can be imported into the homeowner's smart thermostat reducing setup times



HOME AUTOMATION

Amazon® Alexa

The E40 Smart Thermostat is an Amazon® Alexa-enabled, smart-home-compatible thermostat.

Allows the homeowner to tell Alexa to control system mode and heating/cooling setpoints.

Works in conjunction with the Amazon Alexa app (click icon):



See User Guide for additional information about device setup and available voice commands.

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Control4® Smart Home | Operating System

Control4 is a leading control and automation platform which works with thousands of smart devices integrating audio, video, lighting, security, intercom, and climate control into a seamless customer experience.

Control4 gives the customer an easy-to-use interface to control the Lennox® E40 thermostat.



Settings include:

- Display all systems in the home and select a system
- Display all zones in the system and select a zone
- Turn system or zones on or off
- Change manual modes (heat, cool, off)
- Change heating/cooling setpoints for each zone/system
- Change fan mode (on, auto, circulate)

For additional information please visit the [Support Website for Control4 Integration](#).



NOTE - For integration with Lennox® E40 Thermostats, the customer must contact their [Control4](#) dealer directly to download and install the necessary driver for their operating system.

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Google Assistant

Control basic functions of the E40 thermostat using Google Assistant.

Download the Google Home app from Google Play or the App Store™ on a compatible phone or tablet, then follow the on-screen steps to finish setup.

Once the thermostat is added to the Google Home app install the Google Assistant app (Android and IOS) to enable voice control.



NOTE - The Google Assistant app may already be installed on the Android device.

For additional information please visit the [Lennox® Support Website for Google Assistant Integration](#).

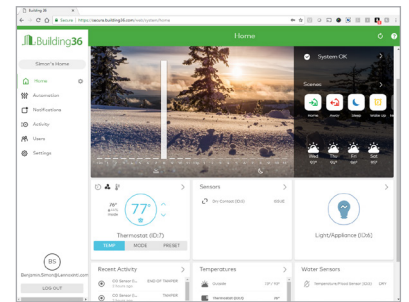


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Building36® Practical Home Automation

Building36® is a leading control and automation company that delivers next-generation smart home solutions which work with thousands of smart devices, integrating control for HVAC, water, video, lighting/appliance and security into one location.

Building36® gives the customer an easy-to-use interface via the Building36 Dashboard or the Building36 Home Mobile App to control the Lennox® E40 thermostat.



Settings include:

- Display all systems in the home and select a system
- Display all zones in the system and select a zone
- Turn system or zones on or off
- Change manual modes (heat, cool, off)
- Change heating/cooling setpoints for each zone/system
- Change fan mode (on, auto, circulate)



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For additional information please visit <https://building36.com>

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HOME AUTOMATION

Matter Smart Home Automation

- Matter is an open standard for smart home technology that lets your device work with any Matter-certified ecosystem using a single protocol
- Matter comes from the Connectivity Standards Alliance, an organization of hundreds of companies creating products for the smart home
- Works with thousands of smart devices
- Enabled with Matter, the E40 thermostat will work with other smart devices built on this industry-unifying technology, including voice-enabled assistants, straight out of the box
- Smart devices enabled with Matter work together seamlessly
 - Simplicity - Simplifying connected experiences
 - Interoperability - Providing greater compatibility and easier connections
 - Reliability - Enabling reliable connections
 - Security - Maintaining secure connections



For additional information please visit <https://matter-smarthome.de/en/>

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IFTTT

IFTTT, an acronym for If This Then That, is a free service that automates connectivity between apps and services, enabling users to utilize “recipes” that will coordinate small tasks between Internet and web services.

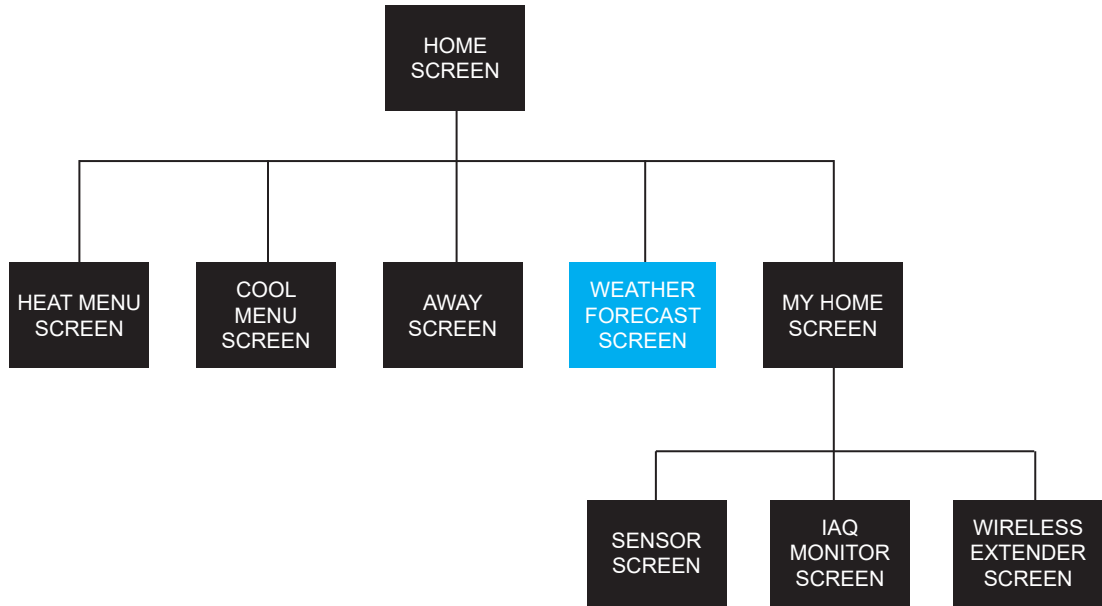
Download the IFTTT app from Google Play or the App Store™ on a compatible phone or tablet. Then follow the on-screen steps to finish setup.

For additional information please visit the [Support Website for IFTTT Integration](#).

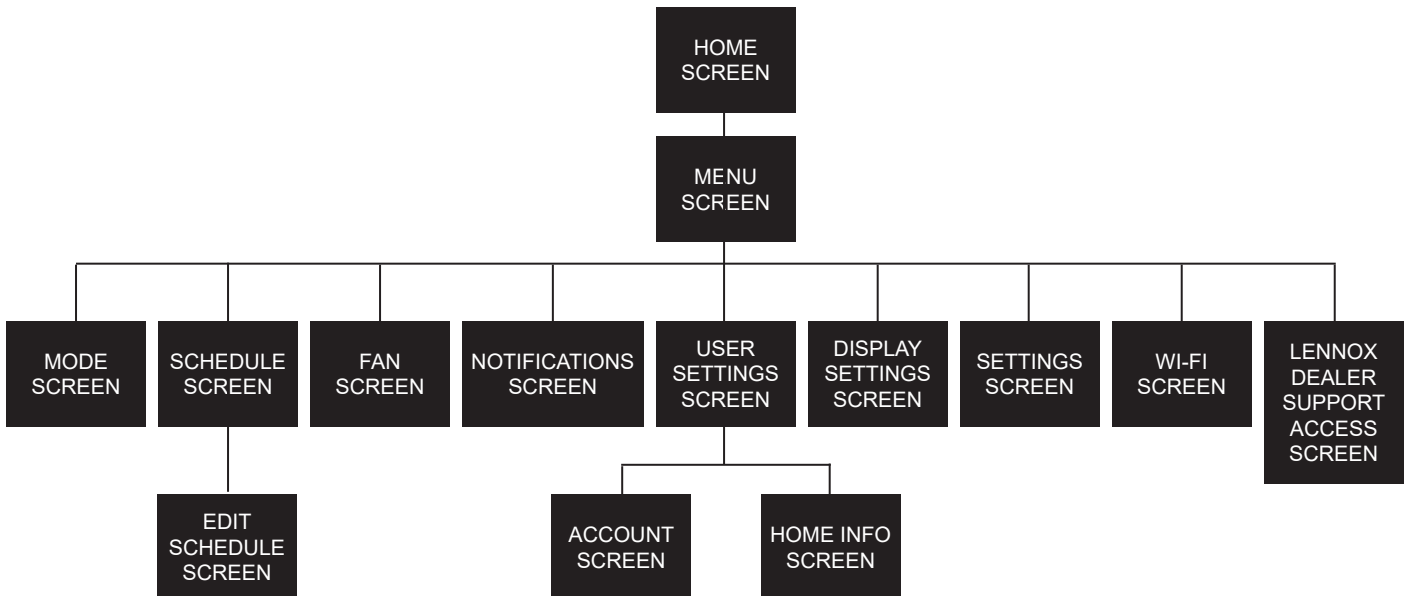


USER SCREEN NAVIGATION FLOWCHARTS

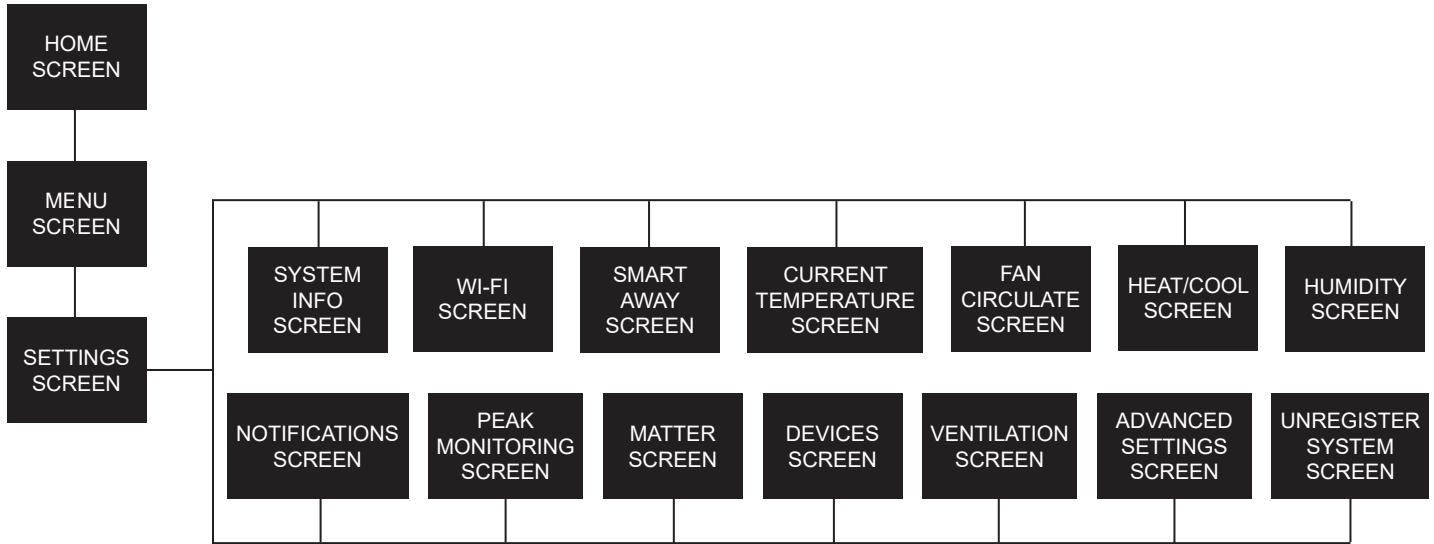
USER HOME SCREEN NAVIGATION (click Icon to go to page)



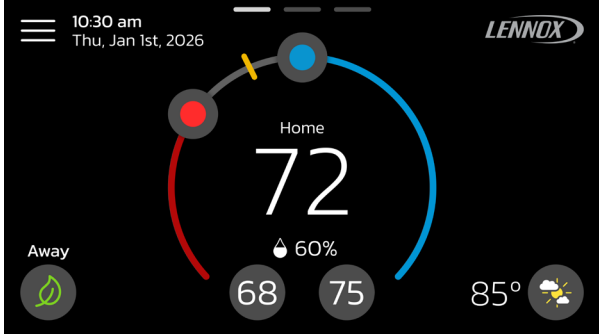














USER MENU SCREEN NAVIGATION (click Icon to go to page)



USER SETTINGS SCREEN NAVIGATION



HOMEOWNER SETTINGS

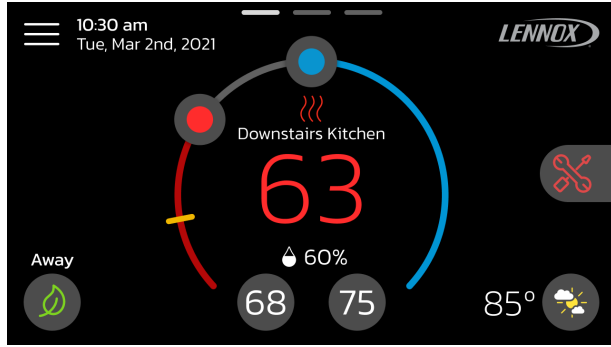
HOME SCREEN	Notes
	<ul style="list-style-type: none">  All thermostat settings can also be made in the Lennox® Home App.  If screen is dark, touch screen to turn on the backlight.
<h3>Temperature Settings</h3>	
<p>Large display of current inside temperature (°F or °C)</p>	<ul style="list-style-type: none">  Tapping the heat or cool setpoint indicators on the round temperature band, or tapping the heating or cooling Icons displays the heat or cool menu screens (see page 11).
<p>Heating and Cooling Setpoint Indicators on the round temperature band</p>	<ul style="list-style-type: none">  Both heating and cooling setpoint indicators on the round temperature band and the heating or cooling setpoint Icons are displayed if System is set to Heat/Cool.
<p>Current cooling setpoint temperature Icon (cool-to)</p>	<ul style="list-style-type: none">  Various animated icons appear above the current temperature depending on system operation.
<p>Current heating setpoint temperature Icon (heat-to)</p>	<ul style="list-style-type: none">  Displays current time and date (supports daylight savings time changes).
<p>Time and Date Display</p>	<ul style="list-style-type: none">  Displays current inside relative humidity below current indoor temperature.
<p>Humidity Display</p>	<ul style="list-style-type: none">  Displays current system operating mode below current indoor temperature (heat/cool, heat only, cool only, active schedule or off (See page 14).
<p>Mode/Schedules</p>	<ul style="list-style-type: none">  Displays current outside temperature. The default outdoor temperature is supplied by the Optional Outdoor Air Temperature Sensor or the Wi-Fi data connection (homeowner selectable on the thermostat).
<p>Outside Temperature</p>	<ul style="list-style-type: none">  Tap to display Menu screen (see page 14).
<p> Menu Icon</p>	<ul style="list-style-type: none">  Tap to display Away Mode screen (see page 11).
<p> Away Icon</p>	<ul style="list-style-type: none">  Bars at the top of the home screen indicate my home, system status and devices. Tap to display each screen (See page 12).
<p>Status Bars</p>	

HOMEOWNER SETTINGS

HOME SCREEN	Notes
<p>System Status Icons</p> <ul style="list-style-type: none"> Heating (system operating) Cooling (system operating) Humidification Dehumidification Ventilating Defrosting (heat pump only) Emergency Heat (emergency heat operating as main heating source) Aux Heat (supplemental heat operating) Timer (system delay) Ambient Lockout (heat pump only) Schedule 	<ul style="list-style-type: none"> If the Timer icon is displayed, it indicates an active system delay before cooling or heating operation begins. Schedule icon indicates that a schedule is running.
<ul style="list-style-type: none"> Fan On Fan Auto Fan Circulate System Tests Setpoint Adjustment "Feels Like" Starting Schedule Hold Energy Savings (California only) Indoor Humidity Level 	<ul style="list-style-type: none"> Tapping any icon will display the current operating status next to the icon.
<p>System Status Badges (right side of home screen)</p>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Schedule hold until next period </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Coasting to Perfect Temp. </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Coasting to Perfect Temp. </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Ventilating until 3:30 pm </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Service Urgent </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Peak Monitoring 1:00 pm - 5:00 pm </div> <div style="background-color: #333; color: white; padding: 5px; border-radius: 10px; margin-bottom: 5px;"> Load Shedding wait time 45min. </div> <p>(examples)</p> </div> <ul style="list-style-type: none"> Up to four status badges can be displayed at one time on the right side of the screen. Schedule Hold is displayed when a current schedule override is in effect. Cancel returns to current schedule. Coasting allows the current temperature to reach desired setpoint without system operation by "coasting" to the set heating or cooling setpoint. Cancel returns to current schedule. Ventilating is only displayed if the optional Fresh Air Damper or HRV/ERV Heat/Energy Recovery Ventilator is part of the system. Tap Cancel to stop ventilation operation. Peak Monitoring allows the utility company to control the energy savings time period (California only). You can select cancel to exit this mode. By canceling homeowner is opting out of the current active energy savings events. (Also see page 20).

HOMEOWNER SETTINGS

HEAT MENU SCREEN



Heating setpoint display

Heating Setpoint Indicator on the round temperature band

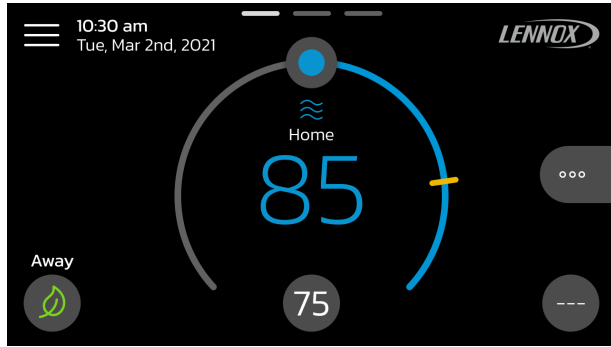
Plus (+) and Minus (-) Icons

Home Icon (return to Home Screen)

Notes

- On the Home Screen, touching the heat setpoint indicators on the round temperature band, or touching the Plus (+) and Minus (-) Icons displays the heat menu screen.
- Tap and move the red heat setpoint indicator on the round temperature band, or touch the **plus** or **minus** Icons to change the heating setpoint in one degree increments. Adjustable 60 to 87°F.
- A wider setpoint range (40 to 99°F) can be set in the Lennox® Home App.
- During a scheduled time period, touching either the setpoint indicator on the temperature band or the heat-to Icon will initiate a schedule hold (see page 13).

COOL MENU SCREEN



Cooling setpoint display

Cooling Setpoint Indicator on the round temperature band

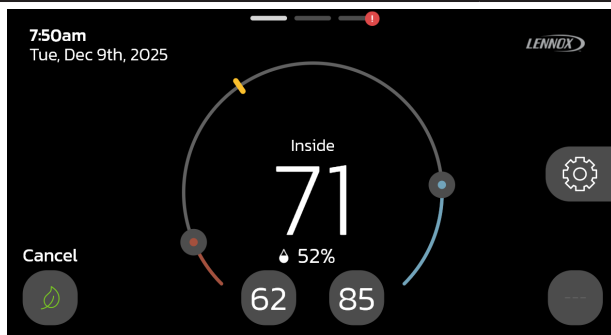
Plus (+) and Minus (-) Icons

Home Icon (return to Home Screen)

Notes

- On the Home Screen, touching the cool setpoint indicators on the round temperature band, or touching the Plus (+) and Minus (-) Icons displays the cool menu screen.
- Tap and move the blue cool setpoint indicator on the round temperature band, or touch the **plus** or **minus** Icons to change the cooling setpoint in one degree increments. Adjustable 63 to 90°F.
- A wider setpoint range (40 to 99°F) can be set in the Lennox® Home App.
- During a scheduled time period, touching either the setpoint indicator on the temperature band or the cool-to Icon will initiate a schedule hold (see page 13).

AWAY SCREEN



Set heating or cooling setpoints during unoccupied periods

Heating and Cooling Setpoint Indicators on the round temperature band

Current away cooling setpoint temperature Icon (right)


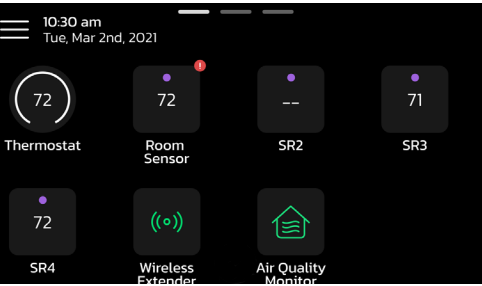
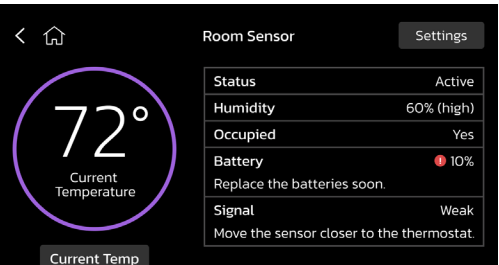
Current away heating setpoint temperature Icon (left)

Cancel Away Mode Icon

Notes

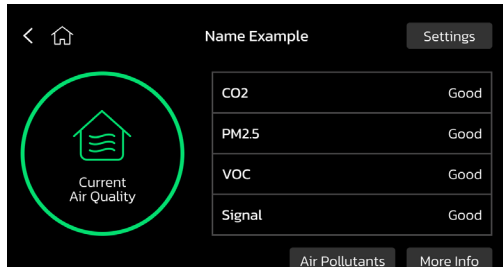
- Tap the **Away** Icon to access the Away setpoint screen.
- Tap the heat or cool setpoint indicators on the round temperature band, or touch the heating or cooling Icons to change the away setpoints.
- Tap Cancel to end away mode and return to current system operation.
- Away setpoints are adjustable in the Lennox® Home App:
40 to 87°F Heating
60 to 90°F Cooling

HOMEOWNER SETTINGS

WEATHER FORECAST SCREEN	Notes
	<ul style="list-style-type: none"> Wi-Fi must be enabled to access weather forecast screen. Weather information is provided over the Internet. Configured in the Display settings (see page 19).
<p>Current conditions (temperature, high-low temperature forecast for current day, precipitation percentage, wind and relative humidity)</p> <p>Hourly forecast</p> <p>7-Day forecast</p>	<ul style="list-style-type: none"> Tap the Weather Icon at the top of the screen to see the current conditions.
<p>Pollen conditions (tree, weed, grass, mold)</p> <p>UV Index</p> <p>Air Quality</p>	<ul style="list-style-type: none"> Tap the Allergies Icon at the top of the screen to see current conditions. Tap the individual pollen, UV and air quality circles to see the conditions scale (low-medium-high).
MY HOME SCREEN	Notes
	<ul style="list-style-type: none"> Depending on system type and operation, status screen will display various modes and conditions, including Humidity (%), Current Schedule, Schedule Transitioning, Heating, Cooling, Ventilating (fan mode), Humidifying/Dehumidifying, Aux. Heat, Ambient Lockout, Load Shedding and more for the area selected on the My Home screen.
<p>Displays current system operating status screen for the current system/ area where the thermostat and sensors are located</p>	<p>---</p>
SENSOR SCREEN	Notes
	<ul style="list-style-type: none"> Tap an individual square Sensor Icon on the Status screen to access the screen for a particular area. Any notifications (low battery, poor signal strength, etc.) will be displayed on the screen.
<p>Displays sensor participation, current temperature, humidity (%), occupied/unoccupied mode, sleep mode, battery and signal strength for a specific sensor</p> <p>Current Temp (Icon)</p> <p>Device Settings (Icon)</p>	

HOMEOWNER SETTINGS

IAQ MONITOR SCREEN



Displays current indoor air quality conditions (good, fair, poor) and signal strength for a specific monitor.

Monitor Settings (Icon)

Air Pollutants (Icon)

More Information (Icon)

Device Settings (Icon)

Notes

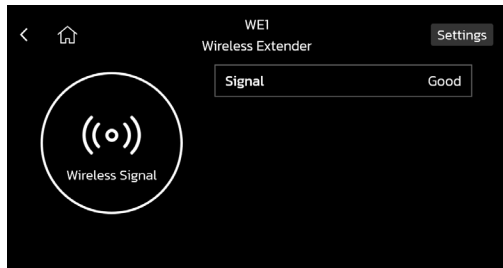
- Tap the individual square **IAQ Monitor** Icon on the **Status** screen to access the screen for a particular area.
- Any notifications (poor signal strength, etc.) will be displayed on the screen.

IAQ Monitor measures Carbon Dioxide (CO₂), Particulate Matter (PM_{2.5}) and Volatile Organic Compounds (VOCs) and signal strength.

Displays System Settings/IAQ Monitor screen.

Displays descriptions for the various air quality conditions monitored.

WIRELESS EXTENDER SCREEN



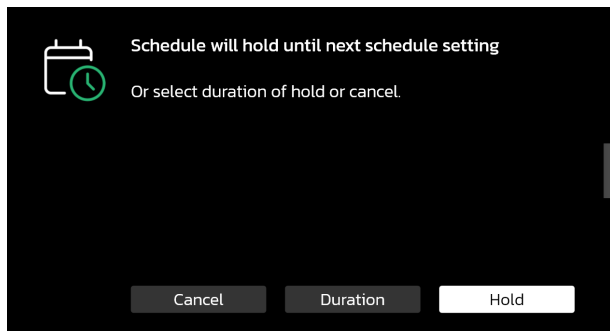
Displays signal strength.

Device Settings (Icon)

Notes

- Tap the individual square **Wireless Extender** Icon on the **Status** screen to access the screen for a particular area.
- Any notifications (poor signal strength, etc.) will be displayed on the screen.

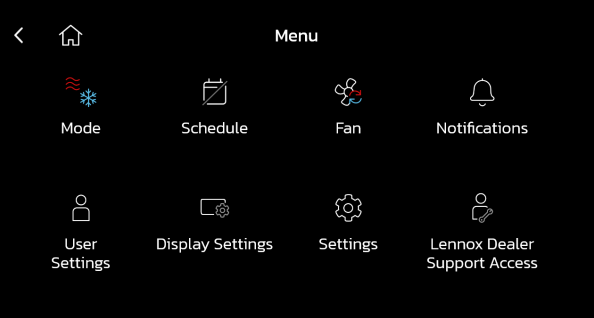

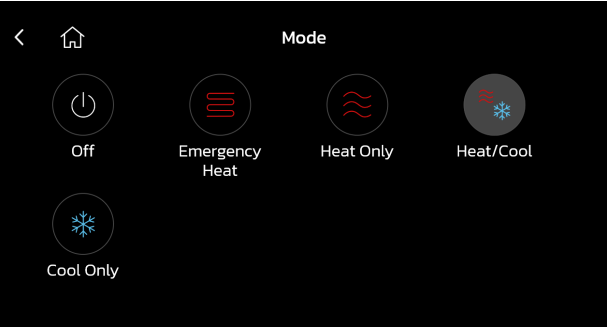
SCHEDULE HOLD SCREEN



- The **Schedule Hold** screen is displayed after changing the temperatures on the heating or cooling screens while a schedule is running (see page 11). Preset 1, 2, 8, 24 hours or custom setting (using the Time Tool) sets and hold the temperature for a preset or custom time period until the next time period setting. Tapping the **Gear** Icon on the Home Screen displays the status screen. Tap **Schedule Hold** to cancel the held setting.

Notes

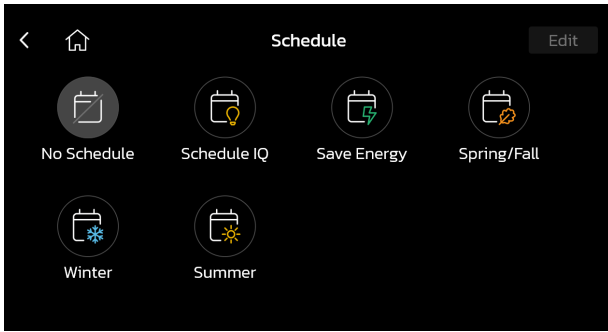
HOMEOWNER SETTINGS

MENU SCREEN	Notes
	<ul style="list-style-type: none"> Tap the Menu icon  on the home screen to display the Menu screen. Tap each item to display the selected screen.
Mode (See page 14)	<ul style="list-style-type: none"> Tap the Home icon or the Arrow < icon to return to the Home Screen.
Schedule (See page 15)	
Fan (See page 16)	
Notifications - Displays system operating and service reminder messages (see page 17)	
User Settings - Displays various user settings (fan, heat/cool, humidity, reminders, general, display) (see page 17)	
Display Settings (see page 19)	
Settings (See page 20)	
Lennox Dealer Support Access (See page 28)	
MENU > MODE SCREEN	Notes
	<ul style="list-style-type: none"> Select Mode to operate a specific mode.
Off Icon	<ul style="list-style-type: none"> Shaded Icon indicates which mode is active.
Emergency Heat Icon (heat pump systems only)	<ul style="list-style-type: none"> Tap the arrow < icon to return to the Menu screen.
Heat Only Icon	<ul style="list-style-type: none"> Tap the Home icon to return to the Home Screen.
Heat/Cool Icon	
Cool Only Icon	

HOMEOWNER SETTINGS

MENU > SCHEDULE SCREEN

Notes



- Tap the **Menu** icon on the home screen to display the **Schedule** icon. Tap the Schedule icon to display the screen.
- Tap a schedule to run it.
- Tap **Edit** icon to change schedule settings.

Set schedules for specific times of the year or edit/create custom schedules

No Schedule

Schedule IQ™

Save Energy

Spring/Fall

Winter

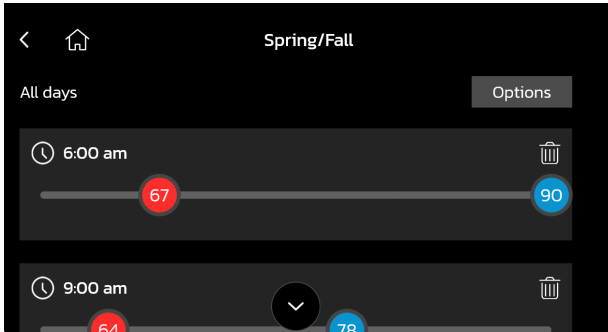
Summer

- Tap the **Schedule IQ™** icon to view the **Schedule IQ™** schedule. Tap the **Schedule IQ™** icon to display the screen.
- Schedule IQ™** schedule determines when to operate the system based on individual "home day", "home night" and "away" time and temperature settings. Schedule is controlled by the Smart-Away™ proximity sensor (geo-fencing) in the thermostat and the Lennox Home App. Multiple Apps on multiple devices can control one system.

HOMEOWNER SETTINGS

MENU > SCHEDULE > EDIT SCHEDULE SCREEN

Notes



- Tap a schedule to edit individual schedules.
- Tap the **arrow <** icon to return to the Schedule Screen.

Adjust individual times and temperatures for the day.

Time
(4 time periods per day for Save Energy, Summer, Spring/Fall Winter, Summer)
(3 time periods for Schedule IQ™)

- Tap each time period to change using the **edit time** tool.
- Tap each time period and select **delete (trash)** icon if you want to remove a time period. You can remove all time periods except one if desired. Tap the + sign if you want to add additional periods (maximum of four).

Individual Sliders to adjust cooling, heating or Perfect Temp temperatures for each time period

Adjustable 60 to 90°F

Options Icon

- Rename a schedule with the keyboard tool (maximum 16 characters).

Schedule Name

Rename a schedule

- Using **all days** follows the same schedule for each day.

Day Grouping

All Days
Week/Weekend (Monday-Friday and Saturday-Sunday)
Individual Days (Monday, Tuesday, etc.)

- When using **weekdays/weekend** select each group and then select **Options** to change time and temperature for each group.
- When using **individual days** select each day and then select **Options** to change time and temperature for each day.

Mode (System Mode)

Heat/Cool
Heat Only
Cool Only

Fan

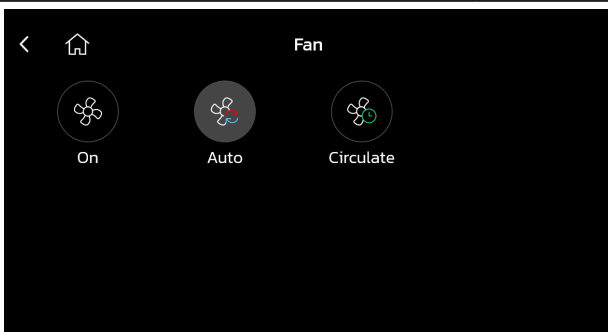
On
Auto
Circulate

Restore to Default Settings

Reset to factory default settings

MENU > FAN SCREEN

Notes



- On the Menu screen touch the **Fan** icon to display the Fan Screen.

On Icon

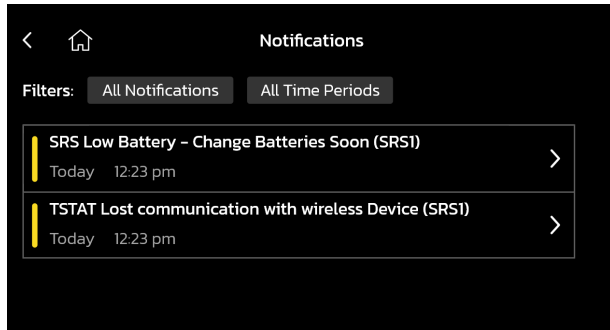
- Tap each icon to set the fan operation.

Auto Icon

Circulate Icon

HOMEOWNER SETTINGS

MENU > NOTIFICATIONS SCREEN



Alerts homeowner of critical and required service or maintenance issues

Critical (Red Alert) - Displays information that service is required for a major system component as soon as possible

Warnings (Orange Alert) - Displays information about system operation

Reminders (Yellow Alert) - Displays required maintenance information (filter replacement and Maintenance)

Info (Blue Alert) - Displays information about installer access, Wi-Fi status, new devices found, software updates and additional useful information and tips to operate the system efficiently

All - Displays all notifications

Filter Notifications by a specific time

All Notifications

Last 24 Hours

Last 30 Days

Last 12 Months

Notes

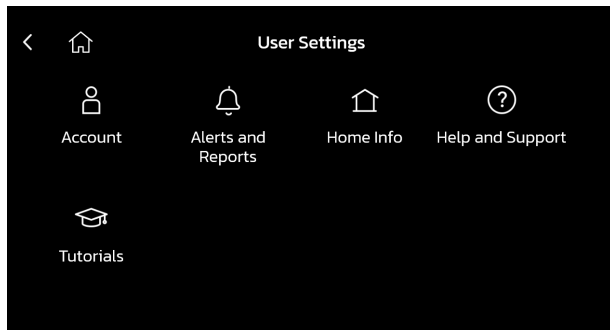
Any Notifications will also be displayed over the top-right corner of the Menu Icon on the Home Screen and also on the individual icons on the Menu Screen.

Reminders (Yellow Alert) may include additional information such as the Lennox model number, order number, filter size, etc. for a replacement item.

Reminders can be cleared or a "remind later" setting can be set (1 day, 1 week, 1 month, 3 months or custom).

Tap **custom** to access the **Set Date Tool** screen to input a custom date reminder.

MENU > USER SETTINGS SCREEN



Account - See page 18

Alerts and Reports

Home Info - See page 18

Help and Support

Tutorials

Notes

Access to all user settings.

Tap a parameter on the left side of the screen to display that particular screen.

HOMEOWNER SETTINGS

MENU > USER SETTINGS > ACCOUNT SCREEN

Enter email and password to sign into account, recover a password, create a new account or generate a PIN number to link the E40 thermostat with the account and the Lennox Home App

New Account

Enter homeowner's information, email and set password information

Allow installer to receive service alerts and remotely troubleshoot the system (checkbox)

Lennox End License user Agreement (EULA) (checkbox)

Create Account Icon

Generate Pin Icon

Notes



Homeowner can also sign up to receive Performance Reports via email.



Registration is completed on the thermostat after establishing a wireless connection.



Generate Pin Icon allows registration at the Homeowner Remote Access website.

MENU > USER SETTINGS > HOME INFO SCREEN

Notes

Home Name

Country/Region

- United States

- Canada

Address 1

Address 2

City

State

Zip/Postal Code

Remove Home Icon



Input home information using the keyboard tool.

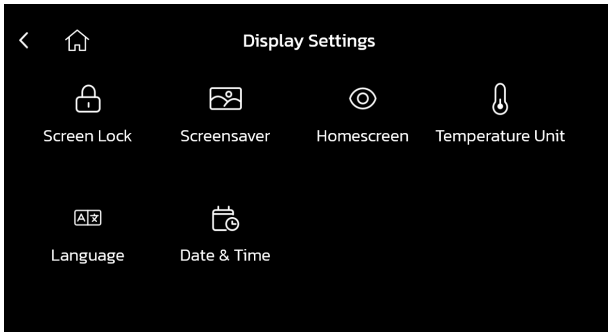


Remove Home Icon deletes the information for a home and unregisters all HVAC systems in the home.

HOMEOWNER SETTINGS

MENU > DISPLAY SETTINGS SCREEN

Notes



Various settings for the Display.

Screen Lock
(Prevents tampering with thermostat settings)

- Unlocked (no security)
- Partially Locked (prevents tampering with the menu settings, setpoints can be adjusted)
- Locked (prevents tampering with the thermostat)

Lock icon on Home Screen indicates a locked or partially locked screen. To unlock, touch and hold the lock icon for 5-6 seconds.

Screensaver

- Off
- Power Save
- Dim

Default displays the current indoor temperature, outdoor temperature and time and date.
Power Save displays a blank screen until the screen is touched.

Homescreen

- Indoor Humidity (on/off)
- Outdoor Weather (on/off)
- Outdoor Temperature Source
- Internet
- Sensor

Wi-Fi must be enabled to receive weather provider information.
 The default outdoor temperature is supplied by the Outdoor Air Temperature Sensor or the Wi-Fi data connection. The outdoor sensor is optional for conventional outdoor units.

Temperature Unit

- Fahrenheit - °F
- Celsius - °C

Language

- English (default)
- Français
- Español

Date & Time

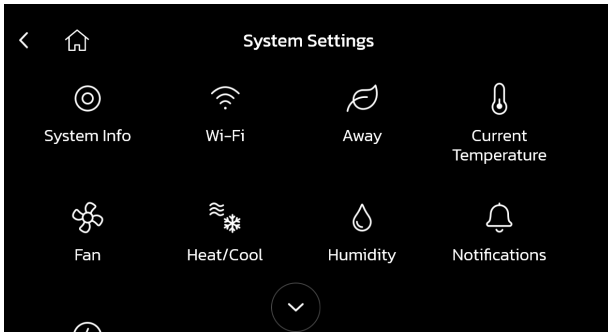
- Set Time
- Set Date
- 24 Hour Time (12 hour default)
- Daylight Savings (on/off)
- Time Zone


Time, and date can be set using the set time/date tool. Time zone can be selected on the time zone screen.
 Date and Time is automatically set when connected to the Internet.

HOMEOWNER SETTINGS

MENU > SETTINGS SCREEN

Notes



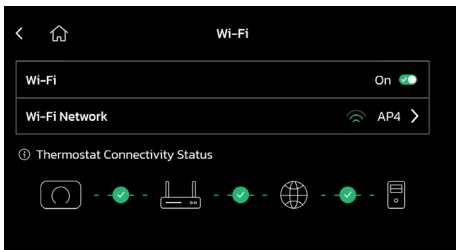
- Tap the **Menu** Icon  on the home screen to display the Settings Icon. Tap the **Settings** Icon to display the System Settings screen.
- Tap an icon to display that particular screen.
- Tap the **Home** Icon to return to the Home Screen.

Access to all user settings

System Info	Tap System Name to rename the system using the keyboard tool.
Wi-Fi	See page 20
Away	See page 11
Current Temperature	See page 21
Fan	See page 21
Heat/Cool	See page 22
Humidity	See page 23
Notifications	See page 24
Peak Monitoring	See page 20
Matter	See page 6
Devices	See page 26
Ventilation	See page 27
Advanced Settings	View Support Service Control Center - See page 31
Unregister System	Unlinks the thermostat from the customer's email account. If unregistered the thermostat must be registered to a new or existing account. See the Account Screen on page 17.

MENU > SETTINGS > WI-FI SCREEN

Notes



- A graphical representation of the home network showing the connection status from the Thermostat to the Router, to the Internet to the Lennox server.

Wi-Fi (on/off)

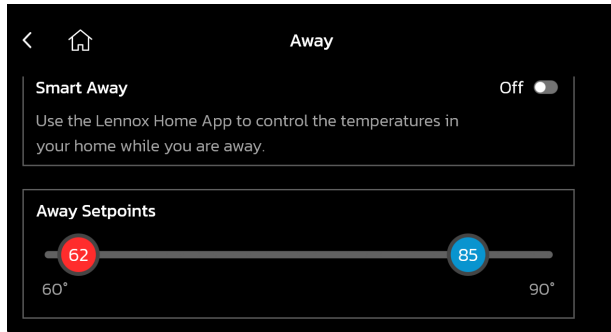
- Tap **Wi-Fi Network** to see a list of available networks or to add a network connection not shown (other). Also displays network status (secured/unsecured), strength.

Wi-Fi Network

- Tap the **lock** icon for additional information about the joined network (IP address, BSSID, security, RSSI, etc.).
- Forget Network Icon removes the established connection to the current network.
- Tap a particular network ID to connect to that network. Enter password to connect.
- A red "X" means that there is an issue with a connection point that must be resolved.

HOMEOWNER SETTINGS

MENU > SETTINGS > SMART AWAY SCREEN

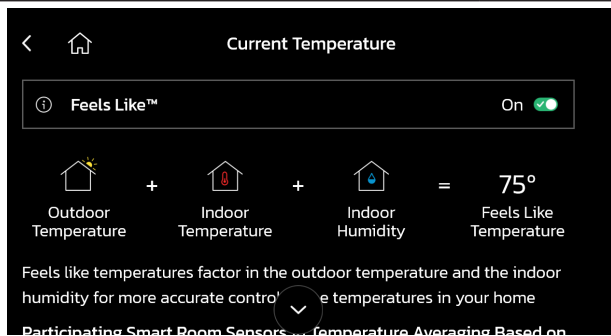


? Controls the temperature in the home while away.

Smart Away™ On/Off (use the Lennox mobile app to control temperature in the home while away)

Away Setpoints (60 to 90°F, default - 62°F heating and 85°F cooling)

MENU > SETTINGS > CURRENT TEMPERATURE (FEELS LIKE) SCREEN



? Tap **Current Temperature** to display the Current Temperature Screen.

Accurately controls temperature in the home by determining the “Feels Like™” temperature based on outdoor temperature, indoor temperature plus indoor relative humidity.

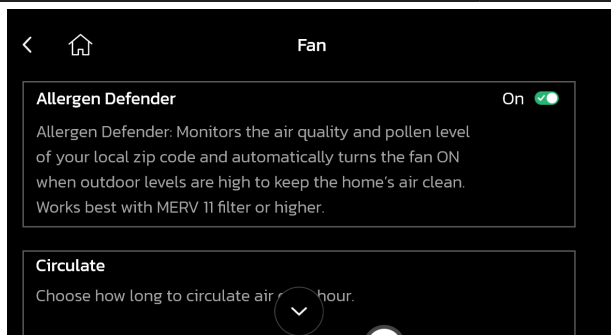
On/Off

Smart Room Sensors

On/Off

? Participating Smart Room Sensors can be enabled or disabled and also be enabled or disabled for Temperature Averaging based on occupancy (sleep).

MENU > SETTINGS > FAN CIRCULATE SCREEN



? On the Menu screen touch the **Fan** icon to display the Fan Screen.

? Allergen Defender monitors the air quality and pollen levels of your local zip code and automatically operates the indoor blower during times of reported high pollen levels to keep the home's air clean. Wi-Fi connection is required.

? Works best with MERV 11 filters or higher.

Allergen Defender (cleaning air)

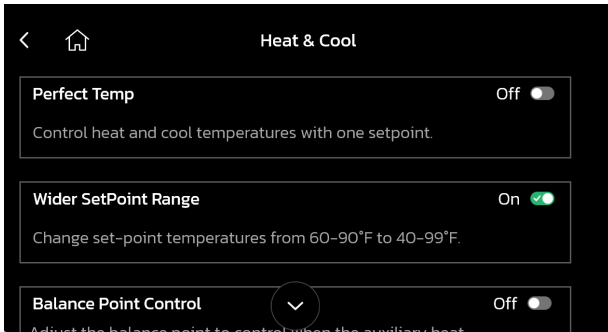
Set how long to circulate the air each hour - 9 to 27 minutes (default 21 minutes)

Notes

HOMEOWNER SETTINGS

MENU > SETTINGS > HEAT/COOL SCREEN

Notes

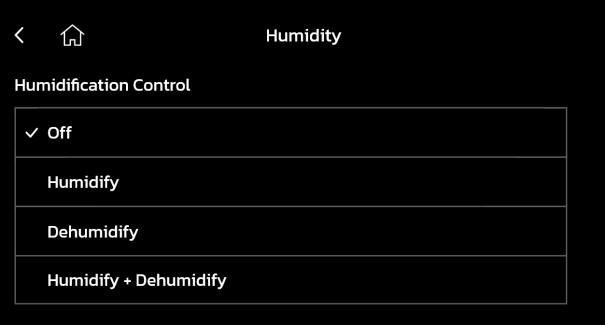


- Tap **Heat/Cool** icon to display the Heat/Cool screen.
- Depending on system mode setting, heat/cool, heat only or cool only is displayed in the User Settings.

Adjustments for heating and cooling setpoints, balance point, safety protection and other settings.

Perfect Temp (Non-Zoning Systems Only) Control heating and cooling temperatures with a single setpoint.	On/Off	---
Wider Setpoint Range Control heating and cooling temperatures with a wider setpoint range	On/Off (Changes temperature range from 60-90°F to 40-99°F)	
Balance Point Control (Heat Pump Systems Only)	On/Off Allows auxiliary heat operation if temperature drops below set balance point (-20 to 75°F, adjustable) (default 25°F low, 50°F high)	
Select Heat Pump Mode	Normal - Heats the home with the highest efficiency Comfort (TruHeat) - Heats the home with warmer air but with reduced efficiency	---
Auxiliary Heat (Heat Pump Systems Only)	On/Off Allows auxiliary heat operation if temperature drops below set balance point -20 to 75°F, adjustable	Selecting Auxiliary Heat displays a slider to adjust balance point levels.
Safety Protection	30 to 100°F, adjustable	Safety Protection alerts the homeowner if the house is too cold or hot.

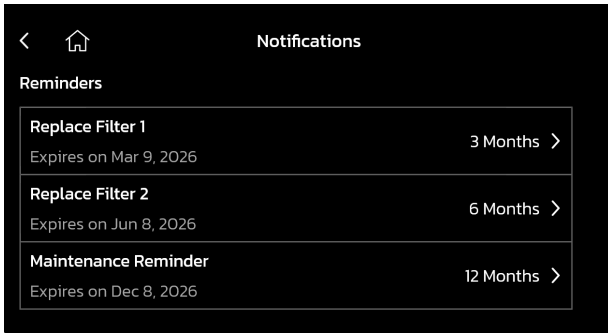
HOMEOWNER SETTINGS

MENU > SETTINGS > HUMIDITY SCREEN		Setting	Default	Notes
				<p>Tap Humidity icon to display the Humidity screen.</p> <p>Dewpoint setting is only available with optional remote Outdoor Temperature Sensor. (-15 to 15%, adjustable, default is 0%).</p> <p>Humidification Control Center</p> <ul style="list-style-type: none"> Normal setting is recommended for moderate climates. Operates the humidifier when there is a call for heating and humidification. Max setting is recommended for drier climates. Operates the humidifier when there is a call for humidification only. <p>Dehumidification Control Center</p> <ul style="list-style-type: none"> Normal setting is recommended for moderate climates. Operates the dehumidifier when there is a call for cooling and dehumidification. Max setting is recommended for humid climates. Operates the dehumidifier when there is a call for dehumidification only. May cool beyond desired setpoint by 2 degrees.
Off (default)				
Humidify		Normal, Max, Dewpoint		
Dehumidify		Normal, Max, Dewpoint (on/off)		
Humidify + Dehumidify				
Humidification Setpoint	15 to 45% relative humidity, adjustable	40%		<p>Adjustable sliders allows Dehumidification/ Humidification Setpoint adjustment.</p> <p>Depending on humidity/dehumidity mode settings selected not all settings may be visible.</p>
Dehumidification Setpoint	40 to 60% relative humidity, adjustable	55%		
Humidification (left slider) + Dehumidification (right slider) Setpoint	15% to 60%, adjustable,	15% humidification 40% dehumidification		


HOMEOWNER SETTINGS

MENU > SETTINGS > NOTIFICATIONS SCREEN

Notes



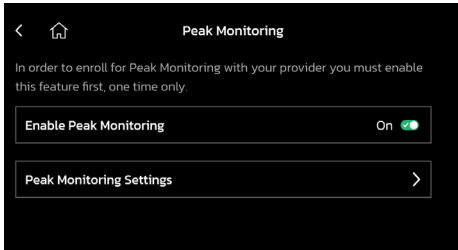
Replace Filter 1
Replace Filter 2
Maintenance Reminder Settings
Settings for all Reminders:
Disabled (default)
3, 6, 12, 24 Months or Custom date
Set for Calendar Time or Runtime

 Tap **Custom** icon to access the Set Date Tool screen to input custom date settings.

HOMEOWNER SETTINGS

MENU > SETTINGS > PEAK MONITORING (ENERGY SAVINGS)

Notes



See the **E40 User Guide** for additional information about enrolling in the Energy Savings program and thermostat settings available.

Peak Monitoring features are applicable when thermostat is enrolled in a participating utility or energy provider program

Energy Savings feature (Title 24) is currently a requirement for the State of California.

AHRI 1380 is an industry standard that defines demand response functionality for thermostats used with residential and light-commercial HVAC systems.

For communicating, variable-speed thermostat applications, compliance is achieved through thermostat-initiated, temporary operational adjustments such as setpoint and system capacity curtailment or modulation - during utility-initiated Demand Response (DR) events.

An icon on the home screen will indicate when the system is in an active energy savings event.

ENERGY SAVINGS ENROLLMENT

Enrollment is a two-step process for consumers

1. Homeowner registers with their utility provider before the thermostat settings can be enabled to take advantage of the Energy Savings feature
2. Enable energy saving settings on the thermostat

ENERGY SAVING SETTINGS

Peak Loading Event Active Setpoints:

- Default (heat 60°F, cool 82°F)
- Offset (default is +/- 4 °F)
- Custom Setpoints
- Peak Price Event Threshold
- Factory Reset Peak Monitoring Settings

An energy saving event can be canceled when any of the following occur:

- Adjusting the temperature setpoint manually
- Selecting a schedule
- Changing the mode of operations
- Manually canceling the event from the home screen indicator

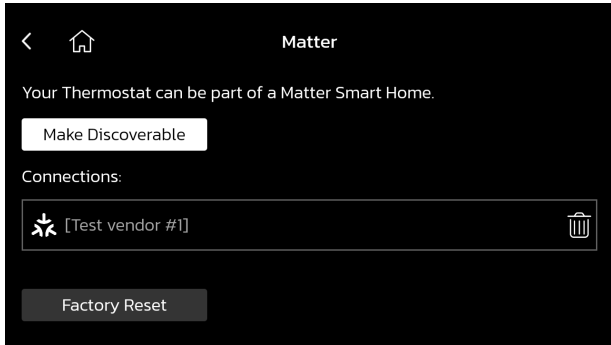
Peak Price Event Active Setpoints:

- Default (heat 60°F, cool 82°F)
- Offset
- Custom Setpoints
- Peak Monitoring Events Filter
- Factory Reset Peak Monitoring Settings(resets all parameters to factory settings and cancels enrollment)

Custom Setpoints displays a slider to adjust manually.

HOMEOWNER SETTINGS

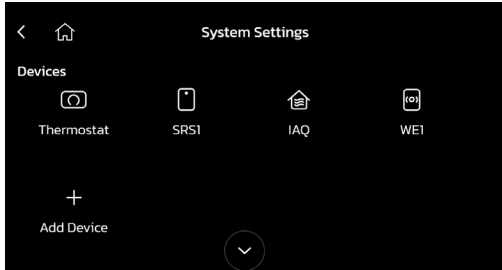
MENU > SETTINGS > MATTER SCREEN



Notes

Connect thermostat to Matter Smart Home Automation.

MENU > SETTINGS > DEVICES SCREEN



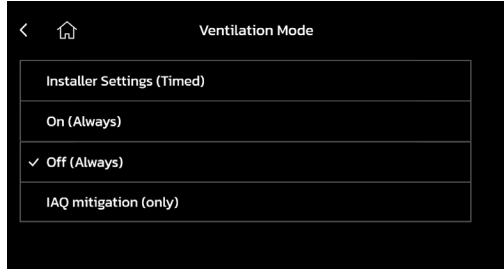
Notes

Tap Thermostat name to edit with the keyboard tool (maximum 30 characters).

Thermostat (name)	Model Number				
	Serial Number				
	Hardware Revision				
	Software Revision				
	• Last Updated				
	Software Update				Any software updates will display information about the update.
	• Automatic Updates (on/off)				
	• Check for Updates Now Icon				
Wireless Sensor (name)	Sensor	On/Off			Tap Sensor name to edit with the keyboard tool (maximum 30 characters). About Sensor displays Model number, Serial number, Firmware version. Tap the Identify Icon to make the LED on Sensor flash to identify location.
	Sensor Name				
	Device Type	Battery Sensor			
	About Sensor				
	Identify Icon				
IAQ Sensor (name)	Monitor Name				Tap Monitor name to edit with the keyboard tool (maximum 30 characters). About Monitor displays Model number, Serial number, Firmware version. Tap the Identify Icon to make the LED on Sensor flash to identify location.
	Device Type	Battery Sensor			
	About Monitor				
	Level of Indoor Cleanliness	High			
		Medium			
		Basic			
	Identify Icon				
Extender (name)	Extender Name				Tap Extender name to edit with the keyboard tool (maximum 30 characters). About Repeater displays Model number, Serial number, Firmware version. Tap the Identify Icon to make the LED on Extender flash to identify location.
	Device Type	Lennox Wireless Extender			
	About Repeater				
	Identify Icon				
Add Device					Sensors and Extenders can only be added to the system using the Lennox Smart Tech App.

HOMEOWNER SETTINGS

MENU > SETTINGS > VENTILATION SCREEN



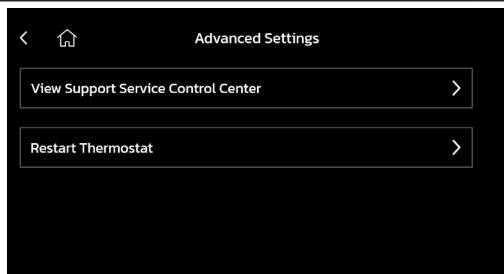
Fresh Air Damper/HRV/ERV

- Installer Settings (Timed or ASHRAE)
- On (Always)
- Off (Always)
- IAQ mitigation (only)
- Ventilate Now Icon
- 10 Minutes
- 20 Minutes
- 30 Minutes
- 40 Minutes
- 50 Minutes
- 1 Hour (up to 4 hours in 30 minute increments)
- Custom

Notes

- Tap the **Ventilation** Icon to display the Ventilation Screen.
- Timed** or **ASHRAE** setting allows homeowner to set a predetermined time to operate the Fresh Air Damper or HRV/ERV equipment. Tap the **Ventilate Now Icon** to set time and start operation. Tap the **Stop Ventilating Icon** to cancel operation.
- On (always)** operates the ventilating unit anytime the system or fan is operating.
- Off (always)** disables the ventilating unit anytime the system is operating.
- If **AHSRAE** is set in the Installer Settings the Fresh Air Damper or HRV/ERV will operate according to ASHRAE 62.2 standard "*Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*". See page 40.

MENU > SETTINGS > ADVANCED SETTINGS SCREEN



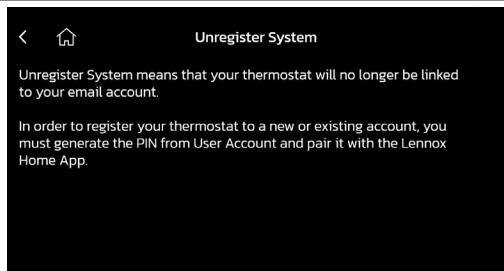
View Support Service Control Center - See page 29

Restart Restart Thermostat

Notes

- Tapping View Support Service Control Center displays a warning "The following screens are intended for use by qualified Lennox equipment installers only".
- Restart Thermostat restarts the system without affecting settings.

MENU > SETTINGS > UNREGISTER SYSTEM SCREEN



Unregister System

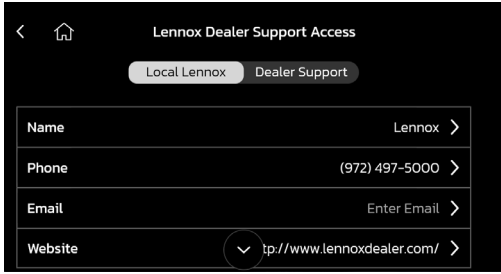
Notes


- Unlinks the thermostat from the existing homeowner's email account. Example - If a homeowner moves or the email account changes.
- After unregistering the thermostat it must be registered to a new or existing account and a PIN must be generated from the User Account to pair with the Lennox Home App.

HOMEOWNER SETTINGS

MENU > LENNOX DEALER SUPPORT ACCESS SCREEN

Notes




 Input installer information using the keyboard tool. Installer can also input information during installer setup.


Local Lennox Dealer Info.

Name
Phone
Email
Website
Address 1
Address 2
Country/Region
City
State
Zip/Postal Code

Dealer Support

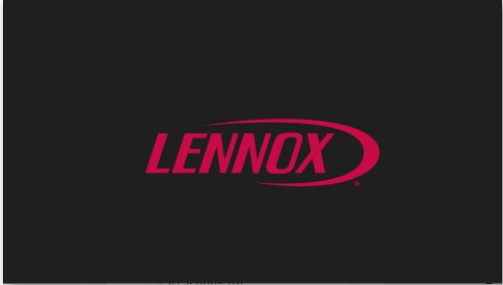
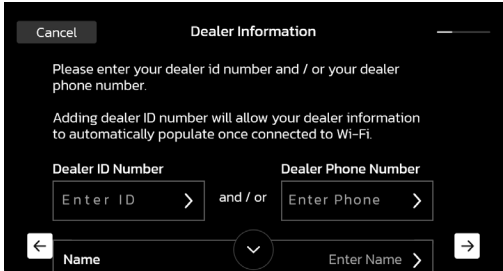





Remote Sharing (On/Off)
Alerts and Notifications - Technician (On/Off)
Advanced Diagnostics (On/Off)
Advanced Diagnostics Current Status (Technician connected/not connected status indicator)

 Homeowner can allow or block installer access to system information, alerts and notifications, and remote control of the system for troubleshooting, etc.

 Temporary Advanced Diagnostics Access - allows 24 hour access to the homeowner's system for diagnostics and troubleshooting. Messaging request sent to the mobile app if requested.




INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE page 4.**

COMMISSIONING		Notes	
	<p>After power is applied to the thermostat for the first time, it displays the "splash" screen.</p> <p>During the commissioning process, alerts may be displayed to inform the installer of any information that affects the setup process.</p>	---	
Welcome	Select language	---	
	English, Français, Español		
Choose Setup Route	Setup through the thermostat	---	
	Setup though the Lennox Smart Tech App		
DEALER INFORMATION SCREEN		Notes	
	<p>Dealer inputs their dealer number and/or phone number. Once the thermostat is connected to a Wi-Fi network the rest of the information will be automatically populated.</p>	<p> Installer can also use the keyboard tool to manually input dealer information before a wireless connection is established.</p> <p> A progress bar in the upper right of the screen shows the amount of the setup process completed.</p>	
Dealer Information	Dealer ID Number	enter id number	<p> Use the keyboard tool to manually input this information.</p>
	Dealer Phone Number	enter phone	
	Name	enter name	
	Email	enter email	
	Website	enter website	
	Address 1	enter address 1	
	Address 2	enter address 2	
	Country/Region	select region	
	City	enter city	
	State	select state	
Zip/Postal Code	enter zip/postal		
General Settings	Country/Region		<p> Use screens to select country/region, date, time and time zone. Use the Back Arrow < to return to the main screen.</p>
	Date and Time		
	- Date		
	- Time		
	- Time Zone		
	- Daylight Savings	On/Off	---
	Units		<p> Use screens to select temperature unit and unit system. Use the Back Arrow < to return to the main screen.</p>
Temperature Unit	Fahrenheit/Celsius		
Unit System	Imperial/Metric		




INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE page 4.**

ADD / REMOVE EQUIPMENT SCREEN	Setting	Default	Notes
	Add non-communicating equipment to the system		---
Outdoor Unit Type	Not Installed 1 Stage AC Unit 2 Stage AC Unit 1 Stage HP Unit 2 Stage HP Unit		---
Indoor Unit Setting	1 Stage Electric No Heat 1 Stage Electric 2 Stage Electric 1 Stage Gas 2 Stage Gas		---
Accessory (ACC)	Off Humidifier Dehumidifier Ventilator		---
H/D (Humidifier/Dehumidifier)	Off Humidifier Dehumidifier		---
O/B Terminal	O (Cooling) B (Heating)		---
SETUP WI-FI SCREEN			Notes
	Setup Wi-Fi for the homeowner?	Yes/No	<ul style="list-style-type: none">  Tap a particular network ID to connect to that network.  Tap the arrow to enter the password for the selected network. or:  Tap the > for additional information about a particular network (name, SSID, security, RSSI, etc.).  Tap the Join the network Icon to enter password for that network.


INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
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REMINDERS SCREEN									
Setting	Default	Notes							
	Set reminders for maintenance items. Replace Filter 1 Replace Filter 2 Maintenance	---							
Maintenance Reminder Settings	<table border="1"> <tr> <td>Calendar Time</td> <td rowspan="5">Disabled</td> <td rowspan="5">  Tap Custom to access the Set Date Tool screen to input custom date settings. </td> </tr> <tr> <td>Disabled</td> </tr> <tr> <td>3, 6, 12, 24 Months</td> </tr> <tr> <td>Custom date</td> </tr> <tr> <td>Run-Time</td> </tr> </table>	Calendar Time	Disabled	 Tap Custom to access the Set Date Tool screen to input custom date settings.	Disabled	3, 6, 12, 24 Months	Custom date	Run-Time	
Calendar Time	Disabled	 Tap Custom to access the Set Date Tool screen to input custom date settings.							
Disabled									
3, 6, 12, 24 Months									
Custom date									
Run-Time									
System Name	Name the system using the keyboard tool	---							
CONGRATULATIONS SCREEN									
Setting	Default	Notes							
									
Lennox Home set up is complete	<table border="1"> <tr> <td>Perform Tests</td> <td>  See page 38. </td> </tr> <tr> <td>Go to Dealer Service Center</td> <td>  See page 31. </td> </tr> </table>	Perform Tests	 See page 38.	Go to Dealer Service Center	 See page 31.				
Perform Tests	 See page 38.								
Go to Dealer Service Center	 See page 31.								
DEALER SERVICE CENTER SCREEN									
	Provides access to the installer for viewing and performing various functions. <ul style="list-style-type: none"> • Notifications • Equipment Settings • Information • Tests • Diagnostics • Installation Report • Connect to Lennox Smart Tech App 	 The Service Center can also be accessed from the Home Screen under the Menu Icon > Settings > Advanced Settings > View Support Service Control Center.							
NOTIFICATIONS SCREEN									
	Provides information for active and previous notifications. When selecting either a cleared or active notification a brief description and alert code will be displayed. <p>Notifications are color-coded to display - Urgent (red), Service Soon (orange) and maintenance (yellow)</p> <p>Notifications are categorized by the E40 Thermostat, Air Handler or Furnace, Air Conditioner or Heat Pump and Zoning Control (if installed).</p> <p>To expand a notification for more details of the alert code, touch the down arrow to expand the description.</p> <p>Tap the Cleared icon to move the notification to the cleared area.</p>								



INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)


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EQUIPMENT / THERMOSTAT	Setting	Default	Notes
About	Product Type		 Equipment specifications.
	Language Support		
	Equipment Type Name		
	Control Software Revision		
	Control Model Number		
	Control Serial Number		
	Control Hardware Revision		
	Protocol Revision Number		
	Device Product Level		
	24VAC Average Power Consumption		
	24VAC Peak Power Consumption		
	Compatible Devices List		
	Application Code memory Size		
	Microcontroller Part Number		
MAC Address			

INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)


**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
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EQUIPMENT SETTINGS / THERMOSTAT	Setting	Default	Notes
Adjust Settings	Thermostat Name		 Use the keyboard tool to manually input this information.
Temp Reading Calibration	-5 to 5°F	0°F	---
Auto Changeover - Temp Deadband	3 to 9°F	3°F	---
Max Heat Setpoint	60 to 90°F	90°F	---
Min Cool Setpoint	60 to 90°F	60°F	---
1st Stage Differential	0.5 to 8°F	1°F	---
2nd through 4th Stage Differential	0.5 to 8°F	1°F	---
Heat Pump	Balance Point Control	Disabled/Enabled	Disabled
	High Balance Point	17 to 75°F	50°F
	Low Balance Point	20 to 72°F	25°F
Smooth Setback Recovery	Disabled/Enabled	Enabled	---
Staged Delay Timers	Disabled/Enabled	Disabled	 Number of heating stages shown depends on equipment installed. Electric heat is staged at every 2 elements.
2nd through 6th Stage Delay Timers (5 min. increments)	5 to 120 min.	20 min.	
Outdoor Temperature Reading Calibration	-10 to 10°F	0°F	---
Heat Cool Stages Locked In	Disabled/Enabled	Disabled	---
Two-Stage Heat Pump	Lock In 2nd Stage HP by Outdoor Temp	off, 40°F, 45°F, 50°F, 55°F	Off

Outdoor Sensor	Installed/Not Installed	Not Installed	---
Ventilator Type	None	None	
	Fresh Air Damper		
	HRV		
	ERV		
Ventilation Control Mode	Timed/ASHRAE	Timed	---
Ventilation Minutes Per Hour	0 to 60 minutes	20 minutes	
Ventilation High Outdoor Temperature Limit	60 to 115°F	100°F	
Ventilation Low Outdoor Temperature Limit	20 to 55°F	0°F	
Ventilation High Outdoor Dew Point Level	45 to 80°F	55°F	
Outdoor Sensor	Installed/Not Installed	Not Installed	
Humidifier	Not Installed/ Humidification	Not Installed	---
Dehumidifier	Not Installed/ Humiditrol/Auxiliary Dehumidifier	Not Installed	---
Temperature Control Module (for Perfect Temp)	Normal / Comfort		 Normal - Perfect Temp (single setpoint) is off. Comfort - Perfect Temp (single setpoint) is on.
IAQ Cleaning CFM	100 to 5000 cfm	100 CFM	---
Sensor Temperature Difference Limit	2 to 15°	12°F	---
O/B Terminal	O (Cooling) B (Heating)	O	---







INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

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EQUIPMENT SETTINGS / THERMOSTAT	Setting	Default	Notes
Single Setpoint Mode	Disabled/Enabled	Disabled	
- SSP Heating Cancel Coast Increment Slope	0.0 to 0.75°F	0.25°F	
- SSP Heating Cancel Coast Decrement Slope	0.25 to 2.0°F	0.5°F	
- SSP Cooling Cancel Counter Increment Slope	-0.75 to 0.0°F	-0.25°F	
- SSP Cooling Cancel Counter Decrement Slope	-2.0 to -0.25°F	-0.5°F	
- SSP Heating Lockout Outdoor Temp	50.0 to 80.0°F	70°F	
- SSP Cooling Lockout Outdoor Temp	30.0 to 60.0°F	40°F	
Humidity Reading Calibration	-10 to 10% RH	0%	---
Outdoor Unit Modulation	3rd Party/Staged/ Variable	Staged	
Residual Cool	None	None	
	30 Seconds		
	60 Seconds		
	90 Seconds		
	120 Seconds		
	Fan Delay (5 minutes)		
External Air Response Logic	Disabled/Enabled	Disabled	 Monitors the thermostat during demand to correct temperature measurement discrepancies caused by the internal heat generated by the thermostat itself. Also monitors airflow around the thermostat during demand for more accurate temperature measurement and operation.
Screen Lock	Unlocked/Partially Locked/Locked	Unlocked	
Display Outdoor Weather	On/Off	On	
Outdoor Temperature Source	Off/Internet	Internet	
Display Indoor Humidity	On/Off	On	---
Screen Saver	Off/Power Save/Dim	Power Save	
Wide Setpoint	On/Off	Off	
Reset Thermostat (icon)	Reset to factory default settings		



INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

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EQUIPMENT / ADD NON-COMM EQUIPMENT	Setting	Default	Notes
Outdoor Unit Type	Not Installed		
	1 Stage AC Unit		
	2 Stage AC Unit		
	1 Stage HP Unit		
	2 Stage HP Unit		
Indoor Unit Setting	1 Stage Electric No Heat		 Select the type of equipment for the system.
	1 Stage Electric		
	2 Stage Electric		
	1 Stage Gas		
	2 Stage Gas		
Accessory (ACC)	Humidifier		
	Dehumidifier		
	Ventilator		
H/D (Humidifier/Dehumidifier)	Off		
	Humidifier		
	Dehumidifier		
EQUIPMENT / AC	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
O/B Terminal	O (Cooling) B (Heating)	0	---
Restore to Default (Icon)	Reset to factory default settings		
EQUIPMENT / HP	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
Balance Point Control	Disabled/Enabled	Disabled	
O/B Terminal	O (Cooling) B (Heating)	0	---
Restore to Default (Icon)	Reset to factory default settings		
EQUIPMENT / FURNACE	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
EQUIPMENT / AIR HANDLER	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
EQUIPMENT / HUMIDIFIER	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
Humidification	Not Installed	Not Installed	---
	Humidification		
Restore to Default (Icon)	Reset to factory default settings		








INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

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EQUIPMENT / DEHUMIDIFIER	Setting	Default	Notes
About	Model Number		 Equipment specifications.
	Serial Number		
Dehumidifier	Not Installed	Not Installed	---
	Humiditrol		
	Auxiliary Dehumidifier		
Restore to Default (Icon)	Reset to factory default settings		
EQUIPMENT / VENTILATOR	Setting		Notes
About	Model Number		 Equipment specifications.
	Serial Number		
Ventilator Type	None		---
	Fresh Air Damper		
	HRV		
	ERV		

INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

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EQUIPMENT / DEVICES		Notes	
Lennox Smart Room Sensor	Sensor Name	 Equipment specifications.	
	Device Type		
	Battery (strength)		
	RSSI Signal Strength		
	Model Number		
	Serial Number		
	Firmware Version		
Lennox Smart Air Quality Monitor	Sensor Name	 Equipment specifications.	
	Device Type		
	Level of Indoor Cleanliness		High
			Medium
			Basic
	RSSI Signal Strength		
	Model Number		
	Serial Number		
Firmware Version			
Lennox Wireless Extender	Extender Name	 Equipment specifications.	
	Device Type		
	RSSI Signal Strength		
	Model Number		
	Serial Number		
	Firmware Version		
Add Devices	---	 Commission Room Sensors Wireless Extender And Indoor Air Quality Monitor.	
Reset Options	Restart Thermostat	 Restart thermostat.	
	Re-Configure System	 Re-Configure HVAC system.	
	Factory Reset Thermostat	 Reset thermostat to factory default settings.	

INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

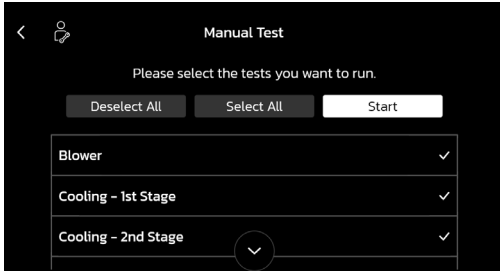
**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE page 4.**

INFORMATION SCREEN

Dealer Information Screen

See page 29

TESTS SCREEN



Allows the installer to test products in the system for a wide variety of conditions.

Tests check all relays.

Select Test

Deselect All

Tap each test parameter to select or deselect before running. A checkmark appears if selected.

Tap **Start** Icon to start testing.
Tap **Arrow** Icon to move to the next test in the list

Select All

Tap **Cancel** Icon to cancel all tests.
Tap **Done** Icon to return to the main Tests screen.

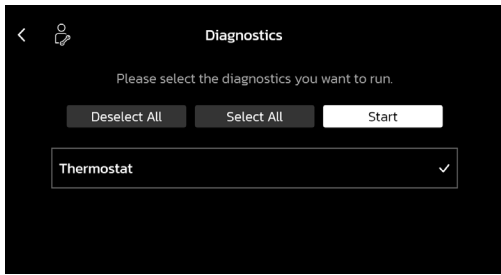
Individual equipment test results are displayed on the right as each test is completed.

A progress bar in the upper right of the screen displays the test number that is running and the percentage of testing.

INSTALLER SETTINGS (SUPPORT SERVICE CONTROL CENTER)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!
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DIAGNOSTICS SCREEN



Allows the installer to test the thermostat for a wide variety of conditions.

Tests all relays.

Select Diagnostics

Deselect All

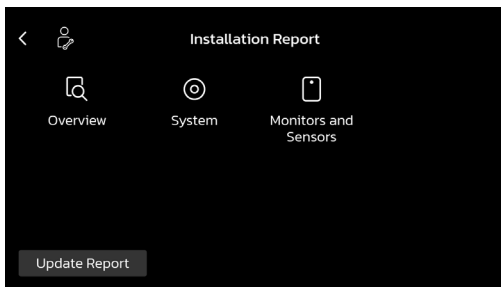
Tap each unit to select or deselect before running. A checkmark appears if selected.

Tap **Start** Icon to start testing.
Tap **Stop** Icon to cancel all tests.

Select All

Individual equipment test results are displayed on the right as each test is completed.

INSTALLATION REPORT SCREEN



Displays Installer and Customer information along with various parameters and settings for the system, outdoor equipment and indoor equipment at the time of installation.

Installation report is based on various settings that were configured in the Equipment screens previously.

Only certain parameters are displayed depending on the type of system installed (air conditioner, heat pump, dual-fuel).

Tap the different Icons on the left side of the screen to view the individual information screens.

CONNECT TO LENNOX SMART TECH APP

Connect the thermostat to the Lennox Smart Tech app on any smartphone or smart device.

Tap **Start** Icon to begin the pairing process.

Thermostat scans the Wi-Fi Network for the App and displays a matching code to pair the App with the Thermostat.

Do not have the Lennox Smart Tech App Installed?

Tap **i** Icon to display the QR codes for the Lennox Smart Tech App.

FRESH AIR INSTALLER SETTINGS

Ventilation Control Mode	Fresh Air Damper	1 Stage HRV	2 Stage HRV	1 Stage ERV	2 Stage ERV
Timed					
Ventilation Minutes Per Hour (0 to 60 min., default is 20 min.)	X	X	X	X	X
Ventilation Rate (20 to 500 cfm, default is 130 cfm)	---	X	---	X	---
Ventilation Rate for Low Speed (10 to 200 cfm, default is 50 cfm)	---	---	X	---	X
Ventilation Rate for High Speed (20 to 500 cfm, default is 130 cfm)	---	---	X	---	X
Ventilation High Outdoor Temperature Limit (60 to 115°F, default is 100°F)	X	X	X	X	X
Ventilation Low Outdoor Temperature Limit (-20 to 55°F, default is 0°F)	X	X	X	X	X
Ventilation High Outdoor Dew Point Limit (45 to 80°F, default is 55°F)	X	X	X	X	X
ASHRAE (62.2)					
Ventilation Rate (20 to 500 cfm, default is 130 cfm)	---	X	---	X	---
Ventilation Rate for Low Speed (10 to 200 cfm, default is 50 cfm)	---	---	X	---	X
Ventilation Rate for High Speed (20 to 500 cfm, default is 130 cfm)	---	---	X	---	X
ASHRAE Compliance Check	NO	YES	YES	YES	YES
ASHRAE Infiltration Credit (0 to 200 cfm, default is 0 cfm)	X	X	X	X	X
ASHRAE House Floor Area Serviced by this Ventilator	X	X	X	X	X
ASHRAE Number of Bedrooms	X	X	X	X	X
Ventilation Outdoor Condition Override - Enabled					
Ventilation High Outdoor Temperature Limit (60 to 115°F, default is 100°F)	X	X	X	X	X
Ventilation Low Outdoor Temperature Limit (-20 to 55°F, default is 0°F)	X	X	X	X	X
Ventilation High Outdoor Dew Point Limit (45 to 80°F, default is 55°F)	X	X	X	X	X

FRESH AIR DAMPER / HRV / ERV

REVISIONS

Sections	Description of Change
Thermostat Accessories	Homeowner can now commission Smart Room Sensors, Wireless Extender and IAQ Monitor



Visit us at www.Lennox.com

For the latest technical information, www.LennoxPros.com

Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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