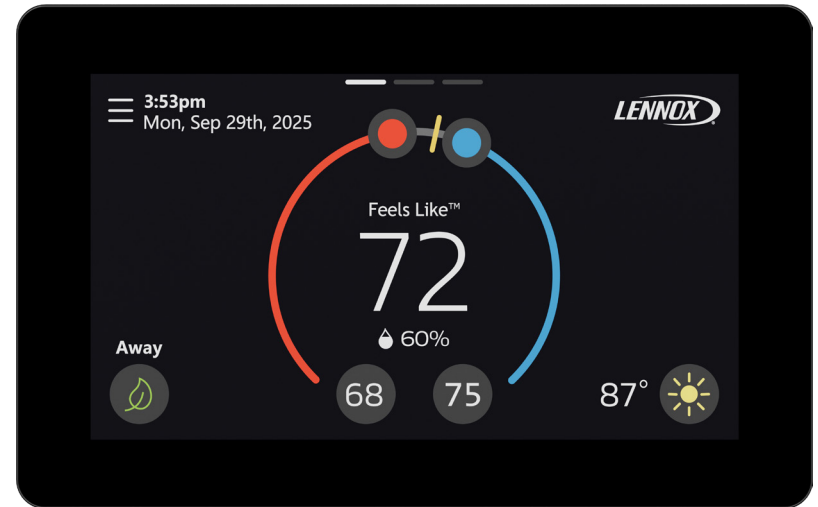
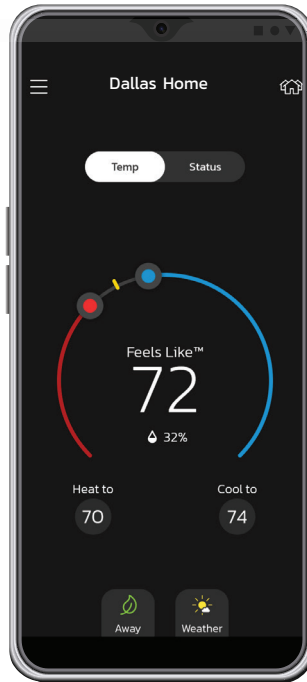




Lennox® E40 Smart Thermostat

User Guide

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Lennox Industries Inc.
Dallas, Texas, USA



508807-01

Table of Contents

Features.....	4	Time and Date Display	15	Allergen Defender	30
Display Features	4	Humidity Display	15	Circulate	30
Comfort Features	4	Away	15	Heat/Cool	31
Optional Accessories	4	Temperature (Navigation Bar)	15	Wider Set-Point Range	31
Smart Home Compatibility	4	Status (Navigation Bar).....	15	Safety Protection.....	31
Download Lennox Smart Applications... 5		My Home (Navigation Bar).....	16	Humidity	31
Lennox® Home App	5	Lennox® Smart Room Sensor.....	16	Humidification Control	31
Additional Support.....	5	Lennox Smart Air Quality Monitor	16	Dehumidification Control Center	31
Setup and Customization Process	5	Lennox Wireless Extender (BLE)	17	Dehumidification Accessory Installed... 31	
Setup Process.....	5	Home and Status Screens Icon		Notifications	31
Customization Process	5	Descriptions.....	18	Peak Monitoring (AHRI 1380 & Title 24) . 32	
Create a New User Account.....	6	Menu	23	Enable Peak Monitoring	32
Add Lennox E40 Smart Thermostat		Mode.....	23	Enroll in Peak Monitoring	32
to User Account.....	7	Schedule.....	23	Peak Monitoring Settings	32
Customize Lennox E40 Smart		Fan	25	Canceling Peak Monitoring Event	33
Thermostat.....	8	Notifications	25	Cancel Enrollment.....	33
Tips for Connecting the Thermostat		User Settings	26	Devices	33
to the Home Wi-Fi.....	12	Display Settings.....	26	Thermostat.....	33
Manually Connect to Wi-Fi.....	12	Settings.....	27	Smart Devices.....	33
Electromagnetic Interference Causing Poor		System Info	27	Ventilation.....	33
Connectivity	13	Wi-Fi.....	27	Advanced Settings	34
Wi-Fi Terminology	13	Away	27	View Support Service Control Center .. 34	
Received Signal Strength		Manual Away.....	27	Restart	34
Indicator (RSSI)	13	Smart Away	28	Unregister System	34
Thermostat Home Screen Details	14	Current Temperature	29	Lennox Dealer Support Access	34
Temperature Settings.....	15	Feels Like™	29	Lennox Smart Devices	35
Current Outdoor Temperature and Weather		Using Smart Room Sensors.....	29	Lennox Smart Room Sensor	35
Forecast	15	Sleep Mode	30	Adding and Removing	
		Fan	30	Smart Room Sensor	35

View the Smart Room Sensor About Screen	35	IFTTT	42
Room Averaging using Occupancy Detection	35	Alert Code Priority Types and Notification Options	43
Smart Temp Sensor Setting.....	35	Temporary Advanced Diagnostics Access..	44
Lennox Wireless Extender	36	Enable Temporary Advanced Diagnostics Access	44
Adding and Removing the Lennox Wireless Extender	36	End Advanced Diagnostics Access	45
Viewing the Wireless Extender Detail Screen	36	FCC Statements.....	45
Lennox Smart Air Quality Monitor	37	FCC Compliance Statement — PART 15.19	45
Status Indicator Light Color Descriptions ...	37	FCC Interference Statement — PART 15.105 (B)	45
Adding and Removing the Smart Air Quality Monitor (SAQM).....	37	Canada License-Exempt RSS Standard(s) Operation.....	45
How the Smart Air Quality Monitor Works ..	37		
Side Switch	38		
Definition of Contaminants	38		
Smart Air Quality Details Screen	38		
Indoor Level of Air Cleanliness Setting	39		
View Details and Postpone Cleaning Air	39		
Third-Party Integration.....	39		
Amazon Alexa.....	40		
Changing to Celsius	40		
Heat and Cool (Auto-Changeover)	40		
Smart Home Systems and Assistance	40		
Google Home and Assistant	40		
Perfect Temp and Schedule Mode Functions.....	40		
Heat / Cool Mode (Auto-Changeover)..	41		
Control4® Smart Home Operating System	41		
Building36®.....	41		
Matter Smart Home Automation.....	41		

Features

The Lennox E40 Smart Thermostat is an electronic, color display, touchscreen thermostat with a programmable interface. After online registration is completed, the system may then be accessed by the homeowner from anywhere via computer or mobile device (internet connection required).

Display Features

- » 5-inch, full color, high-definition capacitive touchscreen
- » Screen resolution: 800 x 600
- » Screen ratio: 16:9
- » Dots per inch: 72 dpi

Comfort Features

- Three languages supported (English, French, and Spanish).
- Wi-Fi Connected
- **Smart Away**® mode brings Lennox innovation to energy savings by doing what regular programmable thermostats cannot. Rather than simply following a set schedule, *Smart Away* lets the **Lennox® E40 Smart Thermostat** adapt to the homeowner's life, perfectly. *Smart Away* works with the GPS in home occupants' smartphones to detect when the house is empty. When it's sure that nobody is home, it sets the temperature to save energy. When the **Lennox® E40 Smart Thermostat** detects that someone is on the way home, it returns the system to normal operation so everyone always comes home to comfortable air.
- **FEELS LIKE**™ brings Lennox innovation to comfort by optimizing and automating all the factors that affect how air feels. With the **Lennox® E40 Smart Thermostat**, simply set a single temperature. The thermostat will then take into account all the factors that affect comfort (including heating, cooling and humidity) and create the ideal environment. It's very similar to the "feels like" temperature on a weather report.
- **Allergen Defender** brings Lennox innovation to cleaner air by monitoring the air quality and pollen levels in your zip code. When high levels of pollutants or allergens are reported, the **Lennox® E40 Smart Thermostat** automatically increases fan speed to create more clean air per hour in the home.
- **Schedule IQ**™ monitors for changes in the homeowner's routine. If there is a change in routine, the **Lennox® E40 Smart Thermostat** adapts heating and cooling to match preset heating and cooling temperatures.
- Provides temperature control for gas, oil, electric, and heat pumps for up to 2 Heat / 2 Cool conventional and 4 Heat / 2 Cool heat pump configurations.
- Humidification measurement and dew point adjustment controls.

- Heat • Cool mode - Permits control of heating, cooling, humidification, and dehumidification without user involvement.
- Compatible with **Lennox® Smart Room Sensors** for better temperature averaging throughout the home.
- Compliant with California Title 24

Optional Accessories

- **Lennox® Wireless Extender** - Use to increase the range for the **Lennox® Smart Air Quality Monitor** and **Lennox® Smart Room Sensors**.
- **Lennox® Smart Room Sensor** - Use for temperature averaging [up to a maximum of six (6) devices].
- **Lennox® Smart Air Quality Monitor** - Provides alerts, recommendations, and triggers air purification on demand. The **Lennox® Smart Air Quality Monitor** detects and tracks particulates, carbon dioxide and volatile organic compounds (TVOCs) inside the home. When poor quality air is detected, it triggers the system to cycle and clean the air.
- **Humiditrol**® Enhanced Dehumidification Accessory (EDA).
- ERV/HRV and fresh air dampers are supported when using a **Lennox® Equipment Interface Module**.

Smart Home Compatibility

- Amazon® Alexa
- Google Assistant
- Control4®
- Building36®
- Matter Smart Home Automation

! IMPORTANT

Due to Lennox' ongoing commitment to quality, features and options are 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 or servicing agency.

Download Lennox Smart Applications

Scan the QR codes listed as follows to download the specific application that is compatible with your mobile device.

Lennox® Home App



Google Play
(Android™)



App Store
(iOS)

Additional Support

All QR codes listed below are Android™ and iOS compatible.



Smarter Together Support



Smarter Together Support
(Spanish & French)



Home Owner Training Videos



Smarter Together - FAQs

Setup and Customization Process

The E40 Smart Thermostat has a built-in Setup and Customization Process that walks the homeowner through steps like accepting the End User License Agreement *and* thermostat features like *Setting a Schedule* and *One-Touch Away*. If the homeowner chooses to bypass the setup and customization process, a *E40 Smart Thermostat Pending Setup* badge displays on the home screen. The badge displays until the homeowner clears it.

Setup Process

NOTE: The Setup Process is completed in conjunction with the *E40 Smart Thermostat* and the *Lennox Home app*.

The Setup Process allows homeowners to:

- » Choose the language for their E40 Smart Thermostat (English, Spanish or French)
- » Accept the End User License Agreement (EULA)
- » Select & connect the **Lennox® E40 Smart Thermostat** to the home Wi-Fi network
- » Scan QR codes to download the Lennox Home App
- » Pair the **Lennox® E40 Smart Thermostat** to the *Lennox Home App*

After the Lennox Dealer installs the **Lennox® E40 Smart Thermostat**, a *E40 Setup Pending* badge displays on the home screen. Lennox recommends completing the Setup Process to experience the full potential of the **Lennox® E40 Smart Thermostat**.

Customization Process

NOTE: The Customization Process is completed through the *Lennox Home App* only.

The Customization Process allows homeowners to start using the top features of the **Lennox® E40 Smart Thermostat** according to their preferences. After completing the Setup Process, a “Customization is pending” badge appears on the home screen. See “Customize Lennox E40 Smart Thermostat” on page 8

Create a New User Account

! IMPORTANT

Confirm that your dealer added their account and contact information when they installed your thermostat. That information can be found at **Menu > Lennox Dealer Support Access > Local Lennox Dealer Info**. If this information is missing, please contact your local Lennox Dealer and get the information you need to complete your dealer contact information.

The **Lennox® E40 Smart Thermostat** must be set up before the homeowner can add the thermostat to their new account (and is usually completed by the Dealer or installer). See *Set Up the Lennox® E40 Smart Thermostat in the Lennox® E40 Smart Thermostat Installation and Setup Guide*.

The preferred method to creating a new Lennox thermostat account and adding the thermostat to the account is through the Lennox Home App.

1. Download the **Lennox Home App** from either the Apple App Store or on Google Play to your mobile device.

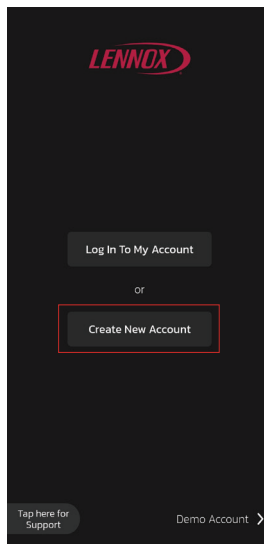
NOTE: Verify that the thermostat is connected to the home Wi-Fi and that all indicators are green and check marked as illustrated in “Figure 1. Thermostat Connectivity Status” on page 12.

2. Launch the **Lennox Home App**.
3. Press **Create New Account**.
4. Press **Allow**.

The **Allow Thermostat to access this device's location** pop-up dialog displays.

This is required if the homeowner intends to use the **Smart Away** feature to control the thermostat.

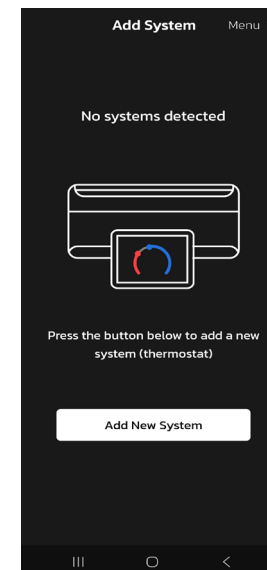
5. Select **Allow only while using the app**.



The *Registration* screen displays.

6. Complete all fields on the *Registration* screen.
7. Select the box to agree to the **Lennox End User License Agreement**.
8. Press **Register**.

The *Add System* screen displays.



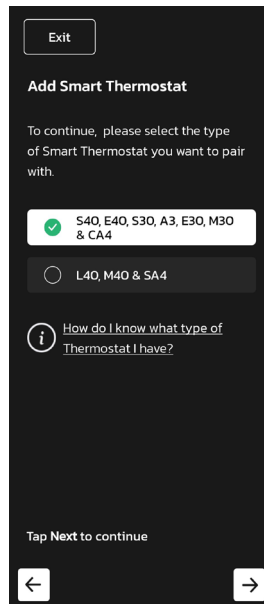
Add Lennox E40 Smart Thermostat to User Account

If the setup process has been paused or exited, you can return to the process by pressing Add New System located at the bottom of the *Menu* screen.

Verify that the thermostat is connected to the home Wi-Fi and that all indicators are green and check marked as illustrated in “Figure 1. Thermostat Connectivity Status” on page 12. From the home screen, go to **Menu** > **Settings** > **Wi-Fi**.

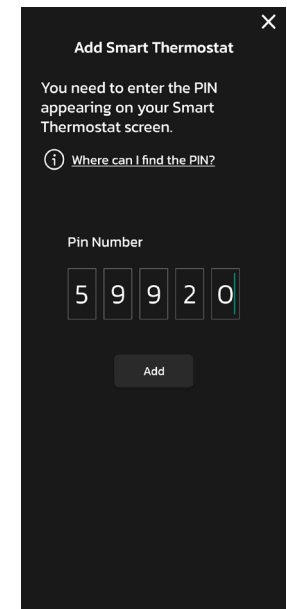
1. Select the line that contains Lennox' E40 Smart Thermostat and press →.

The *Add Smart Thermostat* PIN screen displays.



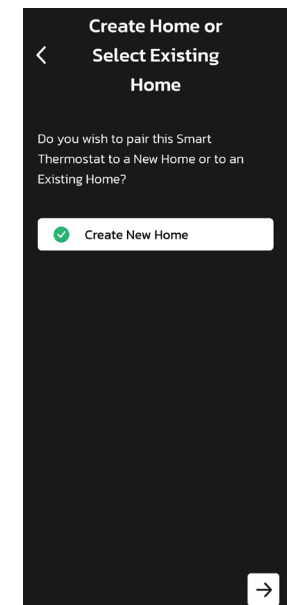
2. Enter the PIN number generated from the thermostat and press **Add**.

NOTE: To locate the PIN on the E40 thermostat: Press *Menu* > *Settings* > *Account*



The *Create Home or Select Existing Home* screen displays.

3. Press →.



CREATE HOME OR SELECT EXISTING HOME

1. Select **Create New Home** and press → to advance to the next screen.

The **Add Home** screen displays.

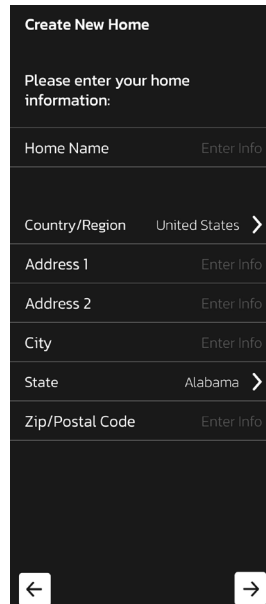
2. Complete the following fields:

- » Home Name
- » Country/Region
- » Address 1
- » Address 2
- » City
- » State
- » Zip/Postal Code

3. Press →.

The software confirms the creation of the new home and returns to the home screen.

The newly entered Home Name now displays on the home screen of the thermostat.



Customize Lennox E40 Smart Thermostat

The *E40 Setup Pending* badge displays on the thermostat's home screen after the dealer or installer has completed their portion of the Setup Process. Homeowners can then customize their **Lennox® E40 Smart Thermostat**

1. Press the **E40 Setup Pending** badge.
2. Press **Yes**.

The *Set Schedules for Energy Efficiencies* screen displays.

Screen 1 - Set Schedules for Energy Efficiencies

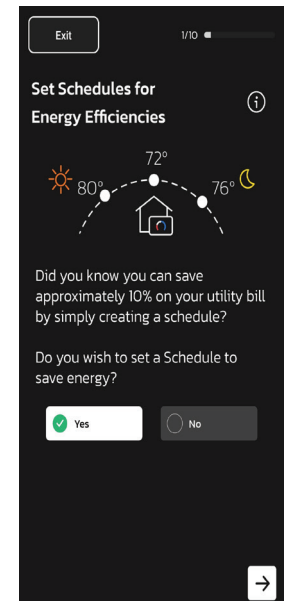
3. Press **Yes** to set a schedule for energy efficiency or press **No** and → to bypass this step.

NOTE: Homeowners can press *Exit* at any point of the customization process to end the process. If at a later point the homeowner wishes to continue the process, the system will pick up where it last ended.

Pressing Yes

The **Save Energy Schedule** screen displays. This screen enables users to set a schedule.

- a. Press **Add Period** to customize a new schedule.
- b. Press **Options**.
- c. Enter a name for the schedule in the **Schedule Name** field.
The new name immediately displays at the top of the screen.
- d. Press **Day Grouping** to select *All Days*, *Individual Days*, or *Weekdays/Weekends*.
This selection determines when the Energy Efficiency schedule will operate.
- e. Press **System Mode** to select **Cool Only**, **Heat Only**, or **Heat/Cool**.
- f. Press **Field Mode** to select **On**, **Auto**, or **Circulate**.



NOTE: Homeowners can reset Energy Efficiency schedules by pressing **Restore to Default Settings**. All schedules are cleared and new schedules can be set.

g. Press **Back** to return to the **Save Energy** screen.

NOTE: Users can press **Add Period** to employ more than one schedule or delete a schedule by pressing **Delete Period**.

h. Press → to advance to the next screen.

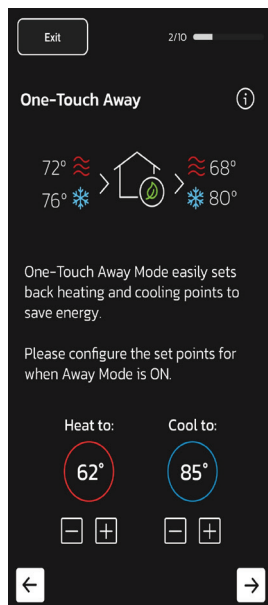
Screen 2 - One Touch Away

The thermostat reduces system output and energy use (when home occupants are away) with just a touch of the **Away** icon . Touch the icon again once occupants are home and the thermostat will restore normal heating and cooling schedules.

4. Press (-) or (+) to adjust the temperature for **Heat to** and **Cool to**.

The thermostat references the programmed temperature when the **Away** button is pressed.

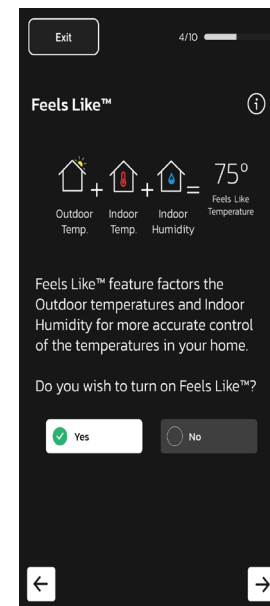
5. Press → to advance to the next screen.



Screen 3 - Feels Like™

The **Feels Like**™ feature factors in the outdoor temperature and the indoor humidity for more accurate control of the temperatures in the home.

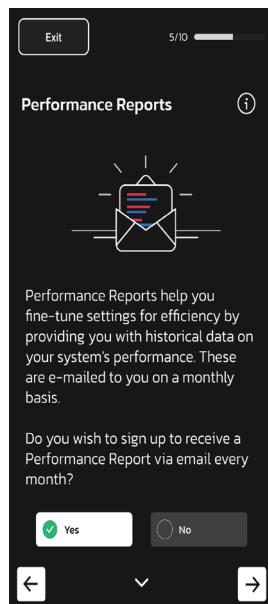
6. Select **Yes** to activate **Feels Like**™ or select **No** to opt out the feature.
7. Press → to advance to the next screen.



Screen 5 - Performance Reports

The **Performance Reports** feature provides data on the system's performance. Users that opt in are emailed a monthly performance report. This report can be useful if there is a need to fine-tune the system.

8. Select **Yes** to receive a monthly report or select **No** to opt out the feature.
9. Press → to advance to the next screen.



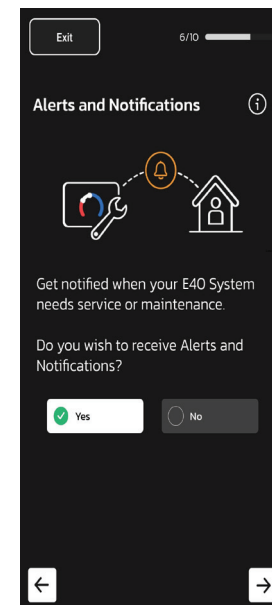
Screen 6 - Alerts and Notifications

The **Alerts and Notifications** feature notifies homeowners when their E40 System requires service or maintenance.

10. Select **Yes** to receive alerts and notifications or select **No** to opt out the feature.

NOTE: Alerts and notifications are sent to the email registered in the user account.

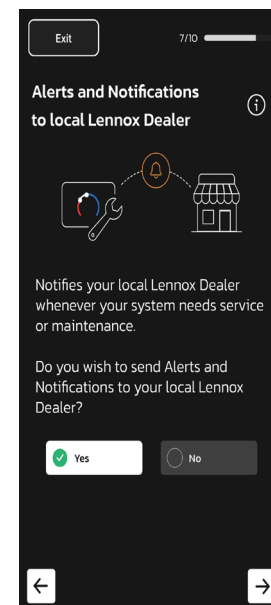
11. Press → to advance to the next screen.



Screen 7 - Alerts and Notifications to Local Lennox Dealer

The **Alerts and Notifications to Local Lennox Dealer** feature notifies the homeowner's local Lennox Dealer that the E40 System requires service or maintenance.

12. Select **Yes** to alert the local Lennox Dealer or select **No** to opt out the feature.
13. Press → to advance to the next screen.

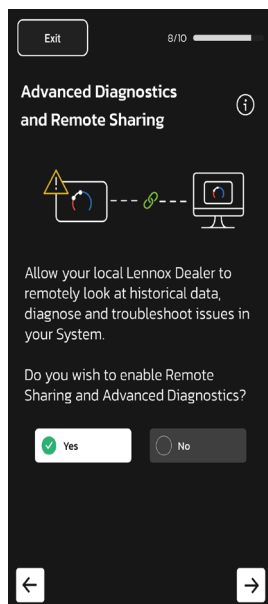


Screen 8 - Advanced Diagnostics and Remote Sharing

The **Advanced Diagnostics and Remote Sharing** feature enables the homeowner's local Lennox Dealer to remotely diagnose and troubleshoot system issues.

*It is important that you provide your **Lennox Home Comfort System Dealership remote sharing and Advanced Diagnostics and Troubleshooting (On / Always)** in order to take advantage of the remote diagnosis feature.*

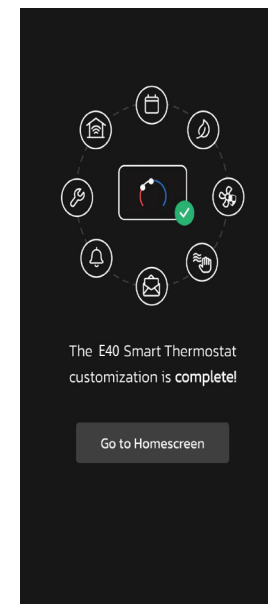
14. Select **Yes** to grant permission for remote access to the system by a local Lennox Dealer or select **No** to opt out the feature.
15. Press → to advance to the next screen.



E40 Smart Thermostat Customization - Complete

This screen displays after the thermostat has been successfully customized.

Homeowners can begin using their thermostats by pressing **Go to Home screen**.



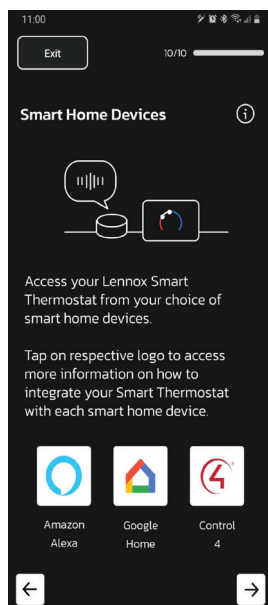
Screen 10 - Smart Home Devices

The **Smart Home Devices** feature enables homeowners to access their **Lennox® E40 Smart Thermostat** via the following smart home devices:

- » Amazon Alexa
- » Google Home
- » Control4

Tap the logo of choice for information on how to integrate the **Lennox® E40 Smart Thermostat**.

Press → to advance to the next screen.



Tips for Connecting the Thermostat to the Home Wi-Fi

Wi-Fi CONSIDERATIONS

- This thermostat cannot connect to a home wireless router that uses more than 32 characters in the wireless access point name (visible or hidden).
- This thermostat will support up to a 63 character Wi-Fi password. Passwords cannot contain blank spaces or % symbol.
- If the home Wi-Fi connection is unsecured, then Wi-Fi security **MUST** be enabled. Consult router documentation on how to enable Wi-Fi security
- This thermostat supports the following Wi-Fi security protocols: **WEP**, **WPA**, **WPA2**, and **WPA3**.
- Never use a home guest account.
- Always use a secure connection physically located in the home where the thermostat is located.
- Lennox E40, S40 and S30 Smart Thermostats are not designed to communicate with each other even when on the same network.

SUPPORTED Wi-Fi NETWORK TYPES

Supported wireless network types are listed as follows:

Table 1. Supported Wi-Fi and Bluetooth® Standards

Standard	Description
802.11a	Compatible
802.11b	Compatible
802.11g	Compatible
802.11n	Compatible
Bluetooth	BLE, BLE mesh 802.12.1 / 5.1

Manually Connect to Wi-Fi

CONNECTING TO A VISIBLE HOME Wi-Fi ACCESS POINT

1. Go to **Menu > Settings > Wi-Fi** (from Thermostat's home screen).
2. Slide the option to the **ON** position to enable **Wi-Fi**.
3. Select **Not Connected** to display a list of available access points.
4. Select the home Wi-Fi network.
5. Enter the home Wi-Fi network password and select **Join** to continue.

NOTE: Select *Show Password* to view characters entered.

6. Verify the **Thermostat Connectivity Status** indicator appears as illustrated in "Figure 1. Thermostat Connectivity Status". All connect icons will need to display green check marks across all connections.

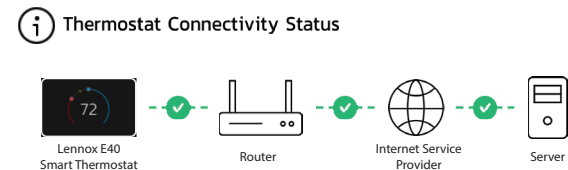


Figure 1. Thermostat Connectivity Status

CONNECTING TO A HIDDEN Wi-Fi ACCESS POINT

1. Go to **Menu > Settings > Wi-Fi** (from the thermostat's home screen).
2. Slide the option to the **ON** position to enable **Wi-Fi**.
Wi-Fi network indicator will show not connected.
3. Select **"not connected"**.
4. Scroll down and select **other**.
The **"enter new network information"** screen will appear.
5. Enter the name of the hidden network.
6. Select the Wi-Fi access point **Security**. Options are: **none**, **WEP**, **WPA**, **WPA2** and **WPA3**. Once a security type is selected, a password field will appear.
7. Enter the Wi-Fi password to connect to the home Wi-Fi network.

NOTE: Select *Show Password* to view characters entered.

8. Select **Join**.
9. Verify the **Thermostat Connectivity Status** indicator appears as illustrated in “Figure 1. Thermostat Connectivity Status”. All connect icons will need to display green check marks across all connection

Electromagnetic Interference Causing Poor Connectivity

The thermostat and router should be located away from other devices that could possibility interfere with wireless communications. Some examples of other devices that could interfere are:

- Microwave ovens
- Wireless cameras
- Portable phones and bases
- Baby monitors
- Wireless speakers
- Bluetooth devices
- Garage door openers
- Neighbor’s wireless devices

To eliminate a possible source of interference, temporally disable any devices and see if Wi-Fi performance has improved.

Wi-Fi Terminology

The following terminology is used in this troubleshooting section:

- **Received Signal Strength Indication (RSSI)**. This indicates the signal strength of the Wi-Fi router being received by the scanning device (i.e., smart phone). The higher the RSSI number (or less negative in some devices), the stronger the signal.
- **Internet Protocol Address (IP address)**. This is an address assigned by your home router for each network device (e.g., computer, printer, thermostat).

Received Signal Strength Indicator (RSSI)

The RSSI can be viewed from the thermostat.

1. Select **Menu > Settings > Wi-Fi >** and select **right arrow** next to the Wi-Fi network name and then select it again (from the home screen).
2. When selecting the right arrow (>) the second time, a screen will appear which will display an option to forget the network. In addition IP address, subnet mask, router IP, DNS, MAC Address, Speed, wireless type, BSSID and RSSI.

NOTE: *If the RSSI signal strength is anywhere between -9 to -69, then the signal strength is sufficient. If outside this range, then either relocate the router closer to the thermostat, add a repeater, or move the thermostat. Adjusting antenna on router or extender/repeater may resolve the issue.*

Thermostat Home Screen Details

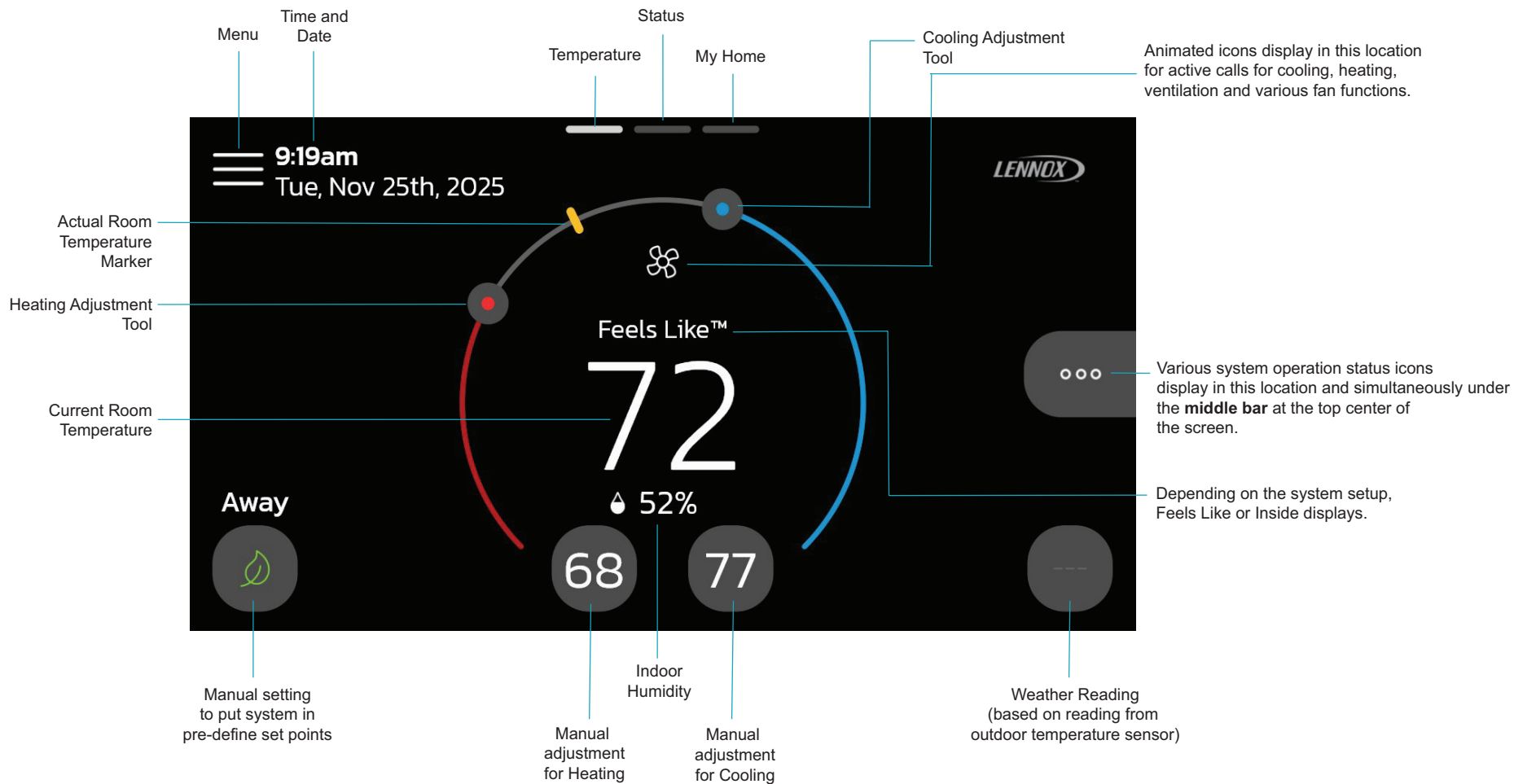


Figure 2. Thermostat Home Screen

Temperature Settings

Large display of current inside temperature (°F or °C)

Heating and Cooling Set point Indicators on the round temperature band

Current cooling set point temperature Button (Cool-To)

Current heating set point temperature Button (Heat-To)

Selecting the heat or cool set point indicators on the round temperature band, or selecting the Heat-To or Cool-To buttons displays the heat or cool menu screens.

Both heating and cooling set point indicators on the round temperature band and the Heat-To and Cool-To buttons are displayed if the system is set to Heat/Cool mode or if an active schedule is set to Heat/Cool mode.

Current Outdoor Temperature and Weather Forecast

Displays current outdoor temperature in °F or °C and the current weather forecast.

The default outdoor temperature is supplied by the outdoor air temperature sensor or the Wi-Fi data connection (homeowner selectable on the thermostat).

Time and Date Display

Displays current date and time

NOTE: *Date and time are automatically set based on the address zip code if the thermostat is connected to the Internet and user account completed. Manual adjustment can be made if the thermostat is not connected.*

Humidity Display

Displays the current inside relative humidity below current indoor temperature.

Away

The user can manually put the system into away mode by pressing the **Away** icon located on the bottom left-hand side of the *Home* screen. When the system is in **Away**, a status notification (**Away is Active**) displays on the right-hand side of the *Home* screen.

In order to exit **Away**, select **Cancel** located on the bottom left-hand side of the *Home* screen. Selecting the **Away is Active** status notification will display the current set point range for high and low temperature settings. There is also the option to select **Cancel** here as well by selecting **Yes**.

While in **Away**, the **Away Set points** are used to control the high and low temperature setting for the thermostat. The **Away Set points** can be changed from the default values by going to **Menu > Settings > Away**.

Temperature (Navigation Bar)

Displays the thermostat's Home screen.

Select the *First bar* from the *Middle or Last Bar* to return to the thermostat's Home screen.

Status (Navigation Bar)

Displays current system operating status for the current system/area where the thermostat and sensors are located. Details include humidity levels, Feels Like™ being active, any of the various fan modes, and various other system background activities.

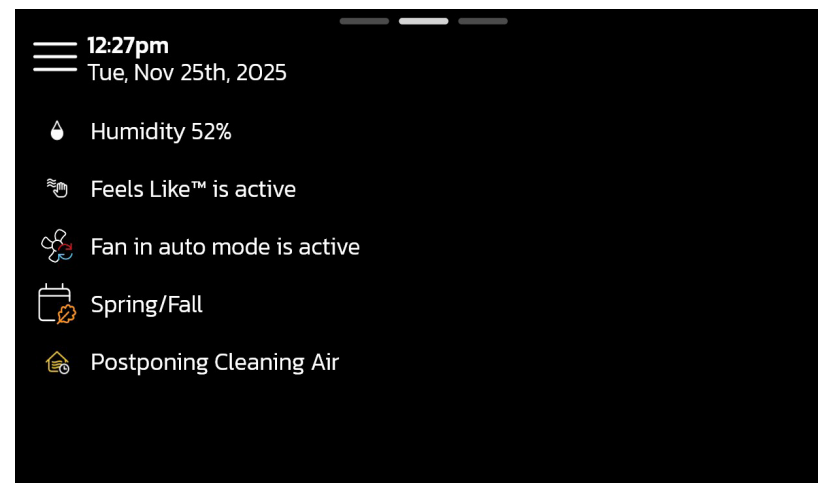


Figure 3. Status

My Home (Navigation Bar)

This screen displays Lennox® Smart Home devices and equipment such as multiple E40 Smart Thermostats on the same home network, Smart Room Sensors, Wireless Extenders, and Air Quality Monitor are all optionally purchased items and will display on this screen if installed.

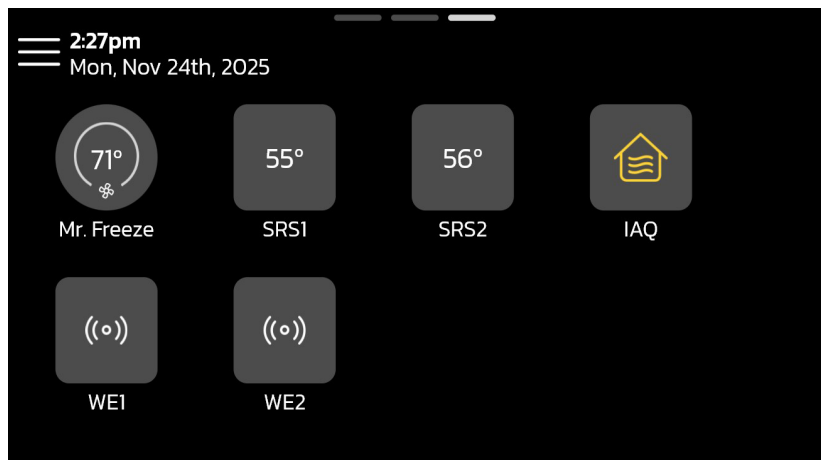


Figure 4. My Home

- » Selecting any item on this screen will display the detail screen for that device.
- » A yellow or red dot with an explanation point indicates there is an alert condition for that specific device.

Lennox® Smart Room Sensor

! IMPORTANT

The Lennox® Smart Room Sensor is currently not compatible with systems using the Lennox Smart Zoning System (iHarmony) installed.

NOTE: The Lennox Smart Room Sensor is an optional accessory sold separately.

Selecting this option displays the details of the sensor selected, including the current room temperature in which the sensor is installed.

Additional details include:

- » whether the sensor is participating in temperature averaging
- » humidity level in the room
- » whether the room is occupied or unoccupied
- » battery percentage
- » Wi-Fi connection strength

See “Lennox Smart Devices” on page 35 for further details.

Lennox Smart Air Quality Monitor

NOTE: The Lennox Smart Air Quality Monitor is an optional product sold separately.

Selecting this option will display the **Current Air Quality**. Color indicators are **Green** indicates good, **Yellow** indicates fair and **Red** indicates poor.

In addition a Bluetooth signal strength indicator is provided to show the signal status.

There are also three options that can be selected. Those options are **Monitor Settings**, **Air Pollutants** and **More Information**.

When selecting Monitor Settings the following options are available:

- **Air Quality Monitor Name** allows the user to rename the sensor using the virtual key board.
- **Device Type** will always show Monitor.
- **About Air Quality Monitor** will list model and serial numbers along with firmware version.
- **Level of Indoor Air Cleanliness**. Options are **High**, **Medium** and **Basic (Most Economical)**

Information concerning **Air Pollutants** and **More Information** can be found further in this guide (see “Lennox Smart Air Quality Monitor” on page 37).

Lennox Wireless Extender (BLE)

NOTE: *The Lennox Wireless Extender BLE (Bluetooth Low Energy) is an optional product sold separately.*

Select this icon to prompt the wireless strength indicator. There is an additional selection called **Extender Settings**.

The *Extender Setting* screen includes:

- **Extender Name:** Shows the current name of the extender; can also be renamed from this screen.
- **Device Type:** Extender
- **About Extender:** Lists the model, serial number and firmware version.

See “Lennox Wireless Extender” on page 36 for further details.

Home and Status Screens Icon Descriptions

Table 2. Home and Status Screens Icon Descriptions

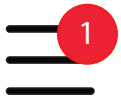
Icon	Function or Screen Text	Purpose
	Menu	Select this icon to prompt the user and installer menus.
	Menu with Notification Icon	If there are one or more notifications this icon will appear over the menu icon. The number in the center indicates how many active notifications are present.
	Feels Like™ is Active or Turning Feels Like™ on	Optimizes and automates factors that affect comfort (including heating, cooling, and humidity) and creates the ideal environment. It's very similar to the "feels like" temperature on a weather report. If the "Feels Like™" feature is enabled, <i>Feels Like™</i> displays below the system name on the <i>Home</i> screen.
	Smart Away is Active or Away is Active	When the <i>Away</i> icon is selected, the system will automatically use energy saving settings - heat-to 62 (16.5) and cool-to 85 (29.5). Temperatures can be adjusted by pressing the available temperature setting (i.e., heat-to or cool-to). To exit <i>Away</i> , press the <i>Cancel</i> icon. Note that when manually selecting <i>Away</i> from the <i>Home</i> screen, the Smart Away feature (if enabled under settings) will be temporarily disabled until <i>Away</i> is canceled.
	Heating	System is heating the home. This animated icon will appear above the system name on the <i>Home</i> screen.
	Cooling	System is cooling the home. This animated icon will appear above the system name on the <i>Home</i> screen.
	Humidifying	If humidification equipment is installed and configured, the system will display this message when adding humidity to the air in the home.
	Dehumidifying	The system can be used in cooling mode to help remove excessive humidity as determined by the user setting. Go to Menu > Settings > Humidity > and turn on dehumidify . Then adjust the acceptable low and high humidity levels in the home with the dehumidification set-point slider.

Table 2. Home and Status Screens Icon Descriptions

Icon	Function or Screen Text	Purpose
	Defrosting	The heat pump system is defrosting the outdoor unit coil. Not available for non-heat pump systems.
	Emergency Heat	All heat pumps operating in northern climates below 35°F (1.6°C) normally need a supplemental heating source. Usually it is in the form of electric heating provided by the indoor unit. Other sources could be gas, oil, or hot-water back-up systems as well. The supplemental heat is also referred to as “second-stage” or “back-up” heating, with “first-stage” being the heat pump only. Emergency heat is supplemental heat (2nd stage) is used solely, without the use of a heat pump (1st stage heat). Not available for non-heat pump systems.
	Auxiliary Heat	If outdoor temperature is above the high balance point, only the heat pump will operate - default 50°F (10°C) high. If outdoor temperature is below the low balance point, only auxiliary heating will operate - default 25°F (-4.0°C) low. If outdoor temperature is in-between the high and low balance point, both the heat pump and auxiliary heat sources can operate. Not available for non-heat pump systems.
	Will start soon	A five minute safety delay prevents the compressor from operating too soon after shut-down to allow internal pressures to equalize.
	Ambient lockout	This indicates that either the outdoor temperature is above or below the balance point temperature settings. The low balance point setting prevents heat pump heating below the set point and back up heat will be used. Typically the default is 25°F (-4.0°C), but that setting can be adjusted by the dealer. At 25°F (-4.0°C) or below for example, only auxiliary heating (electric or gas) is used. If the high balance point is set to 50°F (10°C) for example, which is also adjustable by the dealer, then auxiliary heat will not be allowed. Only heat pump heating will be used. Anytime the outdoor temperature is below or above the balance point temperature settings, the ambient lockout notice will appear on the <i>Home</i> screen.
	Fan is running	Fan set to ON . Fan is NOT following the schedule and runs continuously until it is changed from the selected mode.
	Fan in auto mode is active	Fan set to Auto . Fan will follow the fan setting in the selected schedule.
	Fan in circulate mode is active	Fan set to Circulate . Fan is following schedule and cycles during periods of equipment inactivity. Circulate run time is dependent on user settings.

Table 2. Home and Status Screens Icon Descriptions

Icon	Function or Screen Text	Purpose
	Fan in Allergen Defender mode is active	Allergen Defender: Go to Menu > Settings > Fan to turn on or off Allergen Defender . Internet weather must be enabled and the pollen count is high for the following pollens (Grass, Ragweed, Mold, Tree and Overall Pollen) the fan will run between heating or cooling demands to help clean the air. Works best with MERV 11 or higher filter. Allergen Defender only runs when no other fan modes (On , Auto or Circulate) are being utilized.
	System Under Test	Typically occurs when the system has suffered a power interruption. The thermostat starts to look for the indoor and outdoor controls. Sometimes the outdoor control takes longer to boot up and therefore does not respond to inquiry by the thermostat. Recycling power to the system may resolve the issue.
	Aux Heat	Auxiliary heating is active.
	Load shedding, wait time 45 min	Action to reduce the load on something, especially the interruption of an electricity supply to avoid excessive load on the generating plant.
	Service Urgent	Service Urgent indicates that a service call is needed to get the system running. Selecting the icon prompts a pop-up screen: Service Urgent . The system has encountered a problem. Alarm ID: xxxx and a description of the alarm is provided. Select OK to cancel the pop-up screen.
	Ventilating or Ventilating unit (specific Time)	This indicates the system is actively ventilating and the precise time the cycle will end. Selecting cancel will terminate the current ventilation session. Selecting the icon will display a pop-up screen. Ventilating until x:xx pm . Do you wish to cancel? Options are No or Yes .
	Peak Monitoring until x:xx pm - x:xx pm	The utility company will automatically set the energy savings time period. You can select cancel to exit this mode. Canceling the function opts the system out of the current active energy savings events. A pop-up screen will ask to verify this is the intention. Selecting the icon will display a pop-up screen. Peak Monitoring will be active from x:xx pm to x:xx pm .

Table 2. Home and Status Screens Icon Descriptions

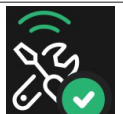
Icon	Function or Screen Text	Purpose
	Transitioning to next schedule	The system is following an active schedule and is transitioning to the next temperature setting based on a time indicator.
	Schedule hold until next period	Selecting the icon will display a pop-up screen. Schedule will hold until next schedule setting. There is also the option to select duration of hold or cancel. Options to select are Cancel , Duration and Hold .
	Schedule Hold until xxxx	Two pop-up dialogs may appear. Schedule will hold. Do you wish to cancel? Options are Yes or No . Schedule will hold until xxxx. Do you wish to cancel? Options are Yes or No .
	Cleaning Air	When the Lennox Smart Air Quality Monitor has determined that there is poor air quality in the home it will run the indoor unit fan or any other indoor air quality devices installed to clean the air. Select this notification on the thermostat <i>Home</i> screen to view details concerning the air quality or postpone the air cleaning for a specified time period.
	Postponing Cleaning Air	From the thermostat <i>Home</i> screen, select Cleaning Air . Options to view details and postpone display. Selecting postpone displays a screen where homeowners can select to postpone cleaning for 1, 2, 4, 8 or 24 hours.
	Advanced Diagnostics Request Pending	This icon displays on the thermostat home screen when the local Lennox Dealer requests remote access to the thermostat for troubleshooting and diagnostics.
	Advanced Diagnostics Access Granted	This icon displays on the thermostat home screen when the homeowner permits remote access to their thermostat for troubleshooting and diagnostics.
	Advanced Diagnostics Access Denied	This icon displays on the thermostat home screen when the homeowner does not grant remote access to the local Lennox Dealer.
	Advanced Diagnostics Request Expired	This icon displays on the thermostat home screen when the time period to accept the remote access has expired.
	Advanced Diagnostics In Progress	This icon displays on the thermostat home screen when the dealer is in the process of running diagnostics or troubleshooting system issues remotely.

Table 2. Home and Status Screens Icon Descriptions

Icon	Function or Screen Text	Purpose
	Advanced Diagnostics Access Canceled	This icon displays on the thermostat home screen when the homeowner chooses to cancel remote access to their thermostat.
	Advanced Diagnostics Access Interrupted	This icon displays on the thermostat home screen when remote access to the thermostat has been interrupted.

Menu

Select the Menu icon  on the *Home* screen to display the Menu screen.

If multiple thermostat control systems are available, they will be shown below the General menu settings.

Mode

This screen allows the homeowner to set the operating mode of the system. Options are Off, **Emergency Heat**, **Heat Only**, **Heat / Cool**, and **Cool Only**.

NOTE: *Emergency Heat is only available in heat pump configurations.*

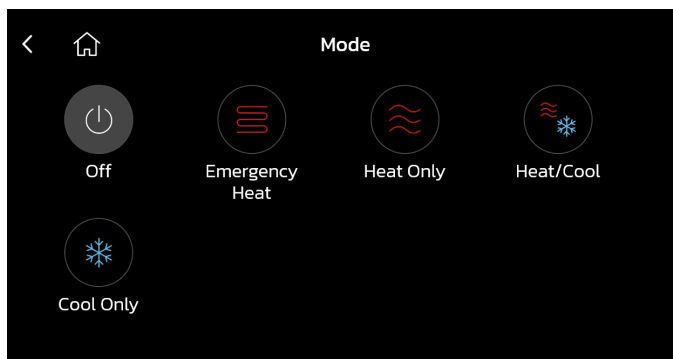


Figure 5. Mode Screen

Schedule

All schedule profiles shown in “Figure 6. Schedule” can be customized including schedule name, starting time for each period and related heating and cooling temperature settings for each period.

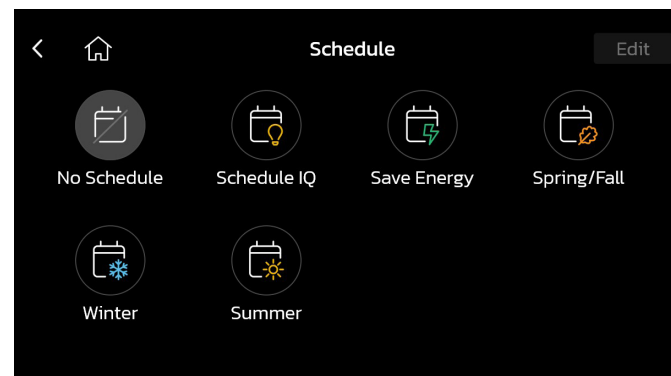


Figure 6. Schedule

Schedule Profiles

- **No Schedule** - System is not following a schedule. All changes are performed manually.
- **Schedule IQ** - This schedule operating in heat / cool mode and answering a few simple questions will allow the system to know how to set the temperature for the home based on time settings. By default there are two times and temperature settings that can be adjusted using the edit schedules option. **At home day wake-up** default time is 7:00am and low temperature setting of 67°F and high temperature setting of 80°F. Start time can be adjusted by pressing the current time setting and can be adjusted as exemplified in Figure 9.
 - » **At Home Night - Sleep** default time is 11:00PM and low temperature setting of 66°F and high temperature setting of 84°F.
 - » **Away** - When away from home, Smart Away when enabled is used to set the temperature while the home is unoccupied. The default low temperature setting of 62°F and high temperature setting of 85°F. Temperatures for any of the options above can be adjusted by sliding the low and high temperature circle left or right on the sliding scale.

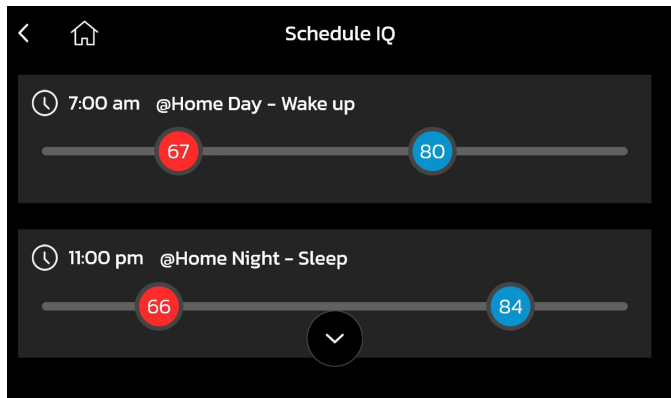


Figure 7. Schedule IQ

- » **At Home Day - Wake up** default time is 7:00am and low temperature setting of 67°F and high temperature setting of 80°F. Start time can be adjusted by pressing the current time setting and can be adjusted as exemplified in Figure 9.
- » **At Home Night - Sleep** default time is 11:00PM and low temperature setting of 66°F and high temperature setting of 84°F.
- » **Away** - When away from home, Smart Away when enabled (see “Away” on page 27) is used to set the temperature while the home is unoccupied. The default low temperature setting of 62°F and high temperature setting of 85°F. Temperatures for any of the options above can be adjusted by sliding the low and high temperature circle left or right on the sliding scale.

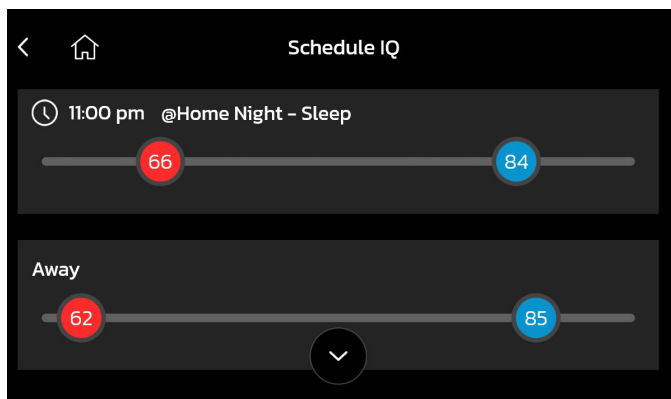


Figure 8. Schedule IQ - Away Setting

- **Save Energy** – Provides the recommended Energy Star set points recommended by the Environmental Protection Agency energy savings.
- **Spring/Fall** - Provides the average Spring/Fall indoor cooling set points for home temperatures. Temperatures and time periods can be adjusted to desired set points.
- **Winter** – Provides the average Winter indoor heating set points for home temperatures. Temperatures and time periods can be adjusted to desired set points.
- **Summer** – Provides the average Summer indoor cooling set points for home temperatures. Temperatures and time periods can be adjusted to desired set points.

NOTE: All of the above schedule profiles can be customized to meet your particular needs.

Schedule Options

On each schedule screen except for **Schedule IQ**, there is an option located in the top right-hand corner of the screen that will allow homeowners to customize their experience even further.

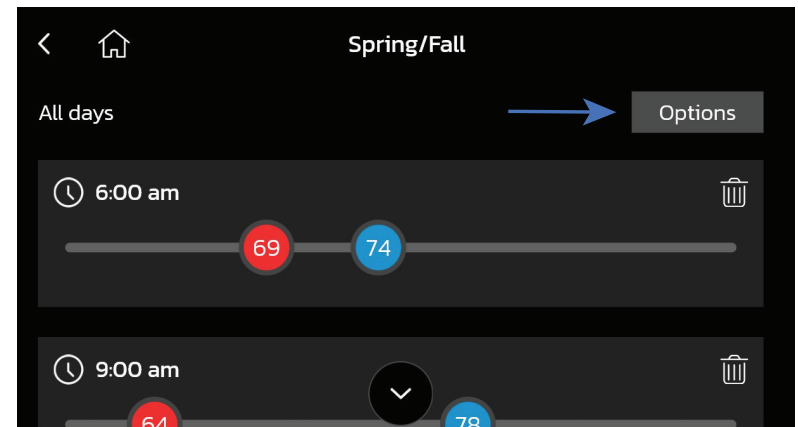


Figure 9. Schedule Screen Options

Homeowners can rename the schedule profile, assign day grouping, system mode, fan mode, fan duration and restore to default.

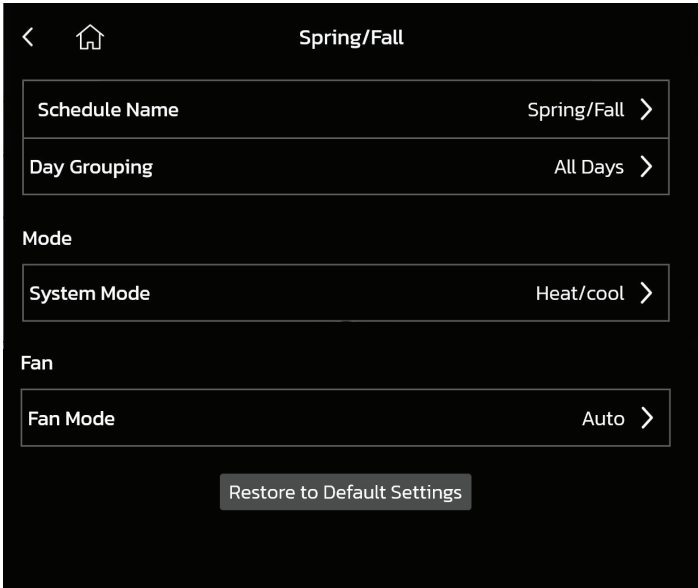


Figure 10. Schedule Customization

NOTE: Profile labeled **No Schedule** cannot be renamed or edited. Profile **Schedule IQ** renaming is not allowed.

Fan

Options are:

- **On** - indicates the system will run the fan continuously.
- **Auto** indicates the system will run during a call for heating or cooling only.
- **Circulate** will run predetermined number of minutes to an hour. The setting for this duration per hour can be found at **Menu > Settings > Fan**. Options are 9 to 27 minutes per hour.

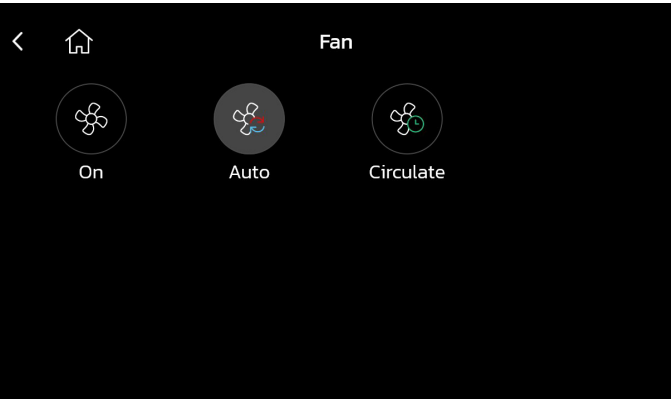


Figure 11. Fan Options

Notifications

Filters for displaying notifications are **All Notifications** (options that can be checked off are **All Notification**, **Service Urgent**, **Maintenance**, and **Maintenance Accessories**)

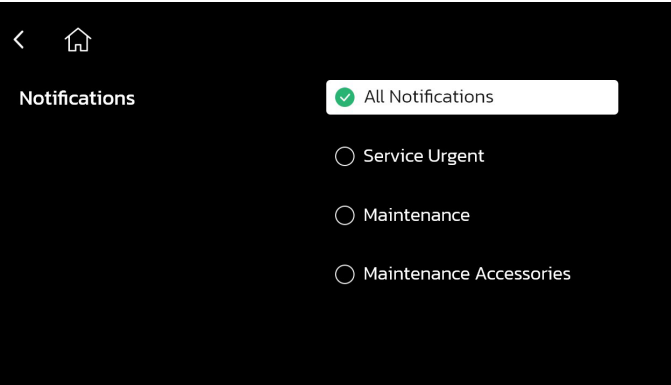


Figure 12. All Notifications

The second filter option is **All Time Periods** and the selection options are **All Time Periods**, **Last 24 hours**, **Last 30 days** and **Last 12 months**.

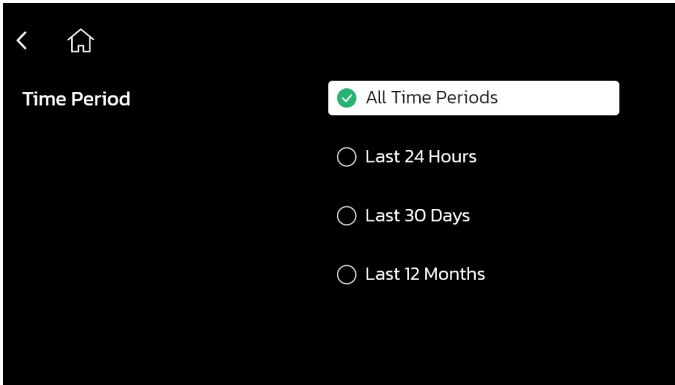


Figure 13. All Time Period

User Settings

This section is only accessible if the thermostat has an active connection to Wi-Fi. On this screen homeowners have the option to sign into an existing account or create a new account.

Also available is the **Generate Pin** option if setting up an account using the **Lennox Home App**.

Once the account has been created and thermostat added to that account, then information under this section can be edited at any time.

On the **Account** screen, homeowners can select their **Email** (>) to view and edit information such as correct **First** and **Last Name**, **Change Phone Number**, **Email and Password**, **View EULA** and toggle on **Email Updates** and **Monthly Report Email** (System Performance Information).

There is also a option to **Move Out** at the bottom of the **User Settings** screen. Selecting this option will remove the thermostat from the Lennox account. This would be done typically if the home is being sold or the homeowner is replacing the thermostat.

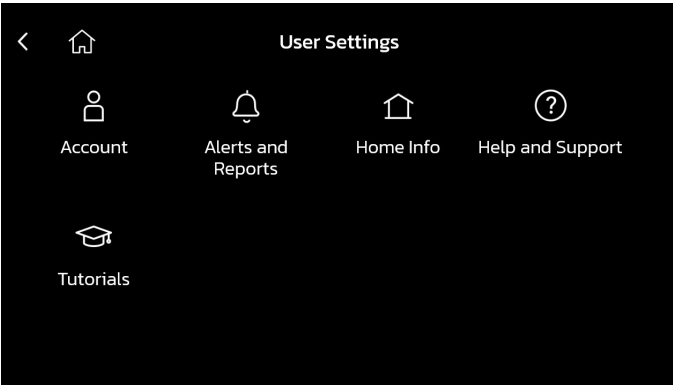


Figure 14. User Settings

Display Settings

The available settings are:

- **Screen Lock** - Options are **Unlocked**, **Partially Locked**, and **Locked**.
- **Screensaver** - Options are **Off**, **Power Save**, **Dim**

NOTE: *An image can be selected as a screen saver via the Lennox Home app only.*

- **Homescreen** - Choose whether to display Indoor Humidity and Outdoor Weather readings on the thermostat's Homescreen.
 - » **Outdoor Temperature by Source.** The source for the reading is a weather app. To display the weather app, there must be a good Wi-Fi and Lennox server connection. Also, the homeowner must be logged into their user account.
- **Temperature Unit** - Choose whether to display temperature readings in Fahrenheit (°F) or Celcius (°C)
- **Language** - Select the language that displays on the E40 Smart Thermostat. This option is only available on the Lennox E40 Smart Thermostat.
- **Date & Time** - Set the date, time zone, and time - including whether to use a 24-hour time period and whether to enable Daylight Savings. This option is only available on the Lennox E40 Smart Thermostat.

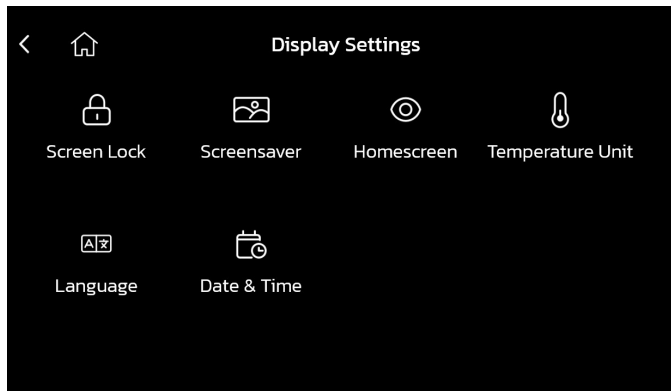


Figure 15. Display Settings

Settings

The system setting screen allows the homeowner to connect to their home Wi-Fi router and give their system a name.

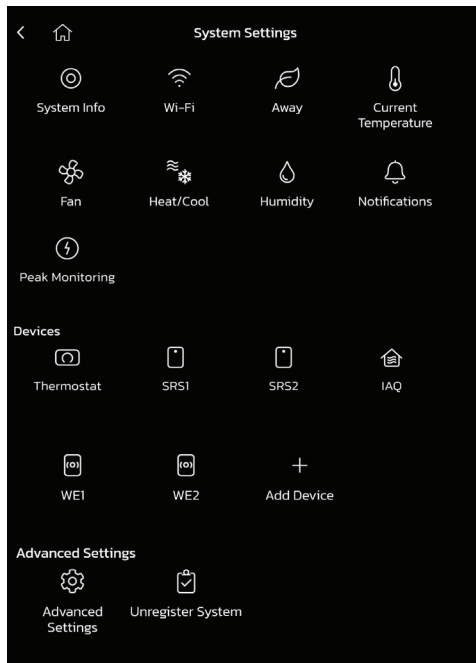


Figure 16. User Setting Menu

System Info

Selecting this menu item allows the homeowner to rename their system.

Wi-Fi

See “Figure 1. Thermostat Connectivity Status” on page 12 for information on how to connect to the home Wi-Fi network.

Away

NOTE: Most of the procedures listed in this section can be accomplished at the thermostat or using the Lennox Home App. See “Download Lennox Smart Applications” on page 5.

Manual Away

The homeowner can manually put the system into away mode by pressing the *Away* icon. When the system is in *Away* mode, the horseshoe is grayed-out and shows the *Away* status text. In order to exit away mode, the homeowner can press the *Cancel* icon. In away mode, the *Away* set points are used to control the system. The homeowner can modify the *Away* set points from the default values in **Menu > Settings > Away**.

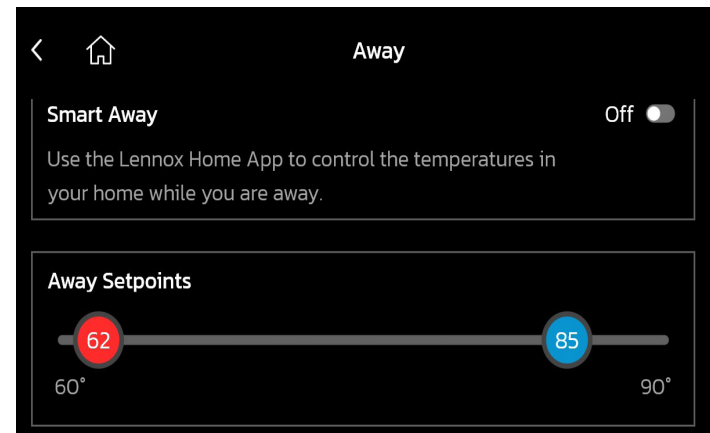


Figure 17. Away Settings

Smart Away

Both **Home Info** and **Account** options must be completed before this feature can be enabled.

The *Smart Away* feature depends on:

- *Lennox Home App* continuously running on the homeowner's mobile device (smart phone or tablet) and being logged in to their account.
- Requires Wi-Fi and location settings to be enabled on the homeowner's mobile device. Android devices must also have the location mode set to "high accuracy." Consult the mobile device user guide for instructions.

Smart Away can also be enabled from the mobile device once the Lennox Home App has been installed and launched. Go to the **Menu > Settings > Away** and turn ON **Smart Away**. To allow the mobile device to use this feature, turn ON participate. The *Away Fence* option will appear and by default, the setting is two miles (3 km). The range for this setting is 2 to 6 miles (3.00 to 9.50 km).

Inner and Outer Away Fences

The inner *Away Fence* is set by the user anywhere between 2 to 6 miles (3.00 to 9.50 km) on the Lennox Home App. This setting can be different for each participating mobile device. When any of the participating mobile devices are located inside of its inner *Away Fence*, the system will not be in **Smart Away**. The system will use the temperature set points defined by the schedule or what was manually set. Once the inner *Away Fence* is set, the outer fence for each participating mobile device will be automatically calculated by the **Smart Away** algorithm.

Transition Set Points

When the closest participating mobile device is between the inner and outer *Away Fences*, the thermostat will show the **Smart Away** indicator. The system will use transition set points to heat or cool the home. The transition temperature set points are automatically calculated by the Smart Away algorithm using a combination of the home and away set points.

Away Set Points

Once all participating mobile devices have moved outside the transition range, the thermostat will continue to show the *Smart Away* indicator and the homeowner's *Away* set points will be used to control the system.

Example:

The away set points are 65°F (18.5°C) for heating and 85°F (29.5°C) for cooling.

- » If the *Away Fence* is set to two miles for all participating mobile devices and the closest participating mobile device is within the 0-2 miles (0 to 3.22 km) range of the home, the system is considered home. The system will use the set points from the schedule or what was manually set.
- » If the closest participating mobile device moves into the 2.1 to 8 miles (3.40 to 13.04 km) range, the system is considered in transition. The system will start to either increase or reduce the heating or cooling set point.

Once all participating mobile devices have moved beyond the 8.1 mile (9.50 km) range from the house, the system sets the set points to the *Away* set points (65°F for heating and 85°F for cooling).

Multiple Mobile Devices

It is possible to have more than one mobile device participating in **Smart Away** for this system. The *Away Fence* can be set to the same value or different values for each mobile device. The thermostat will not show the **Smart Away** indicator until all devices have moved past their inner *Away Fence*, and the system will not reach the homeowner *Away* set points until all devices have moved past their outer fence.

NOTE: *Smart Away will be canceled when the system is enrolled in energy savings with a utility provider and an energy saving event is active.*

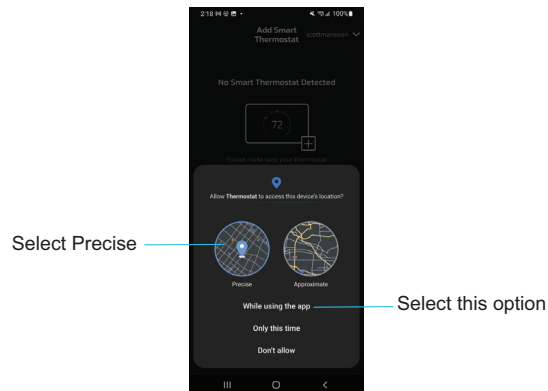
Mobile Device Location Services

To use **Smart Away** on iOS devices, the mobile device must be running iOS 12, 13, 14 or 15. Location Services Settings are as follows:

1. Location services will need to be enabled for this feature to work. Go to **Settings > Privacy > Location Services**.
2. Select **Always Allow** for *Smart Away* to control the temperature in the home while occupants are away.
3. Select **Always Allow** with **Precise Location Enabled** for *Smart Away* to control the temperature in the home while occupants are away.
4. Select **Allow While Using App** for *Smart Away* to control the temperature in your home while occupants are away.

To use **Smart Away** on Android devices, the mobile device must be running Android Version 9 or higher. Location Services Settings are as follows:

1. When allowing the Lennox Home app access to device location, the user must select **Allow all the time** for the Smart Away feature to work correctly. Go to **Settings > Apps > Thermostat > Permissions > Locations** and **Allow all the time** setting is enabled.
2. (Android version 11) To ensure location services for the *Smart Away* feature are not auto-disabled by Android operating system, go to:
 - **Settings > Apps and Notifications > Select All Apps > Thermostat > Permissions** and locate **Remove permission if app isn't used** and ensure this setting is **disabled**.
 - **Settings > Locations > Apps access to location > Thermostat** and select **Allow all the time**.
3. (Android version 12) When running the setup for the *Lennox Home App*, the user is asked to enable permissions for precise location. Select the two options illustrated here.



Current Temperature

Feels Like™

This feature is not a temperature setting, it is the temperature that the space feels like based on current outdoor, indoor temperature, and indoor humidity.

When **Feels Like™** is set to **On**, the words **Feels Like™** will appear above the indoor temperature display on the *Home* screen.

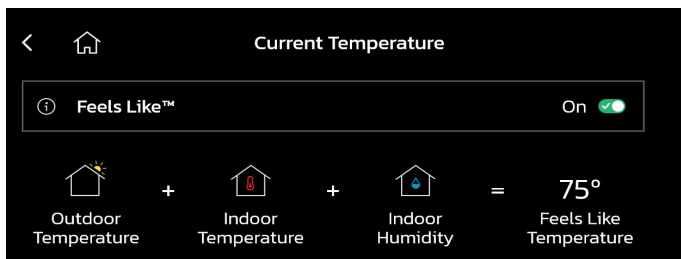


Figure 18. Feels Like™ Screen

Using Smart Room Sensors

When **Lennox Smart Room Sensors** are installed in the home the homeowner has the option to include individual Smart Room Sensors for determining a better **Feels Like™** control of the entire home. Using the temperature detected at each sensor will be factored into the **Feels Like™** result when enabled.

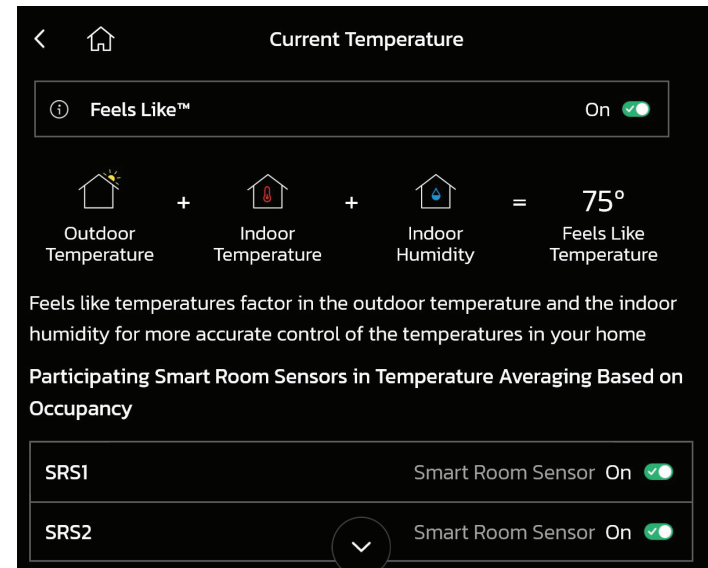


Figure 19. Feels Like™ Screen with Smart Room Sensors Selected

Sleep Mode

Sleep Mode allows one or more Smart Room Sensors to be the primary source for temperature in a room. Sleep Mode can also turn off the temperature sensor in the main E40 Smart Thermostat.

For example, if the *Sleep Mode* is ON in the primary bedroom between the hours of 9 pm and 6 am, the Smart Room Sensor increases comfort while the primary room occupants are sleeping. The *Sleep Mode* setting overrides the main thermostat and any other sensor(s) not required during those hours. At least one Smart Room Sensor must be active during *Sleep Mode*, but multiple sensors can be set to *Sleep Mode*.

Go to **Menu > Settings > Current Temperature**. The *Sleep Mode* feature displays beneath *Participating Devices in Temperature Averaging Based on Sleep*.

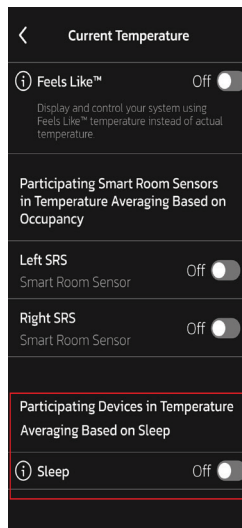


Figure 20. Lennox Home App - Sleep Mode Feature

ENABLE/DISABLE SLEEP MODE

1. Click the toggle switch from **OFF** to **ON** to enable Sleep Mode.
2. Click the toggle switch from **ON** to **OFF** to disable Sleep Mode.

SET SLEEP MODE SCHEDULE

1. Click the toggle switch from **OFF** to **ON** to enable Sleep Mode. When Sleep Mode is enabled, the time scheduling fields **From** and **To** display.

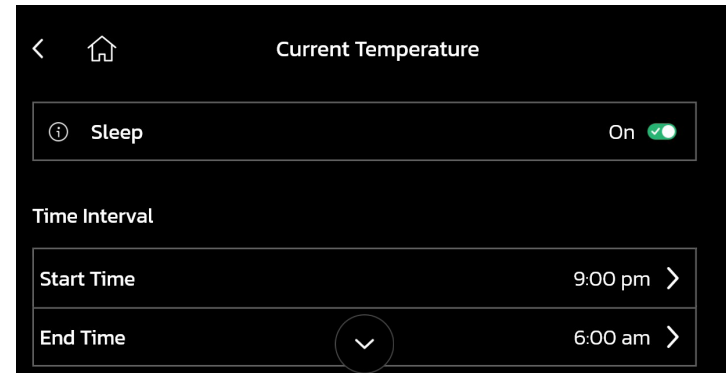


Figure 21. Thermostat - Sleep Mode Feature

NOTE: When Sleep Mode is disabled, the *From* and *To* Scheduling fields are unavailable.

2. Click the default set time in the **Start Time** field. The **Start Time** screen displays.
3. Scroll to set the hour and minute to begin Sleep Mode.
4. Click the **Back** arrow to return to the **Current Temperature** screen.
5. Click the default set time in the **End Time** field.
6. Scroll to select the hour and minute to end Sleep Mode.
7. Click the **Back** arrow to return to the **Current Temperature** screen. The selected time span displays in the **Start Time** and **End Time** fields.
8. Toggle **On** the Smart Room Sensor(s) that should follow the Sleep Mode schedule.

Fan

Allergen Defender

Go to **Menu > Settings > Fan** to turn on or off Allergen Defender. Internet weather must be enabled and the pollen count is high for the following pollens (Grass, Ragweed, Mold, Tree and Overall Pollen) the fan will run between heating or cooling demands to help clean the air. Works best with MERV 11 or higher filter. Toggle **On** to activate the Allergen Defender feature.

Circulate

Air circulation can be adjusted on this screen. Adjust the length of air circulation (9-27 minutes) each hour by sliding the time circle. The Circulate option runs during any mode selected except when the system is off.

Heat/Cool

This screen allows changes to how the system operates. Options are Wider SetPoint Range and Safety Protection.

Wider Set-Point Range

Changes the default low and high maximum temperature setting from 60-90°F to 40-99°F (15.5 - 32.0°C to 4.5 - 37.0°C).

Safety Protection

Alerts the homeowner when the home gets too cold or hot. This is set under this menu option on the setting for both low [minimum 30°F (-1°C) and high maximum 100°F (37°C)] temperatures. The system will automatically turn on either cooling or heating if the home's interior temperature reaches either the low or high setting. A notification is also sent to the *Home* screen notification area and *Lennox Home App*.

Humidity

Some options that are available under this section are dependent on type of equipment (indoor and outdoor units) and whether a humidification accessory is installed.

Humidification Control

The following options are available under humidity control:

- » **Off**
- » **Humidify** option is only available when a humidification accessory is installed.
- » **Dehumidify** option is only available with or without a dehumidification accessory installed.
- » **Humidify + Dehumidify** option is only available when a humidification accessory is installed.

Dehumidification Control Center

When a humidification accessory is installed and humidify is enabled, the options are as follows:

- **Normal** — Recommended for moderate climates. This runs the humidifier when there is a call for heat and humidification.
- **Max** — Recommended for drier climates. This runs the humidifier when there is a call for humidification only.
 - » Dew Point percentage slider adjustment tool is available for both Normal and Max settings.

- » Humidification set point percentage slider adjustment tool is only visible when Dew point is set to OFF.

ADJUSTMENT SLIDER TOOLS

- » **Dehumidification Set Point Percentage** - The slide bar adjustment tool allows desired humidity level in the home. Selection between 40% to 60% are available. Default is 55% when dehumidify is enabled.
- » **Humidification Set Point Percentage** - This adjustment tool is only visible when dew point is set to OFF. Range is 15% to 45% humidity. Default is 40%.

Dehumidification Accessory Installed

When either an **Auxiliary Dehumidifier** or **Humiditrol** equipment is installed the settings available are **Off** and **Dehumidify**. When **Dehumidify** is selected a **Dehumidification Set-Point** adjustment tool is available and allows adjustments between 50% to 60%.

Notifications

This section allows the user to setup reminders for various accessories. By default all listed items are disabled. The reminders can be set for 3, 6, 12 or 24 months and a custom reminder by specific date can be set. Reminders options are:

- » Replace Filter 1
- » Replace Filter 2
- » Maintenance Reminder

Table 3. Maintenance Alerts

Number	Reminder
3000	Filter 1
3001	Filter 2
3004	Maintenance

Peak Monitoring (AHRI 1380 & Title 24)

Peak Monitoring is a feature requirement for the State of California. Enrolling in the energy-saving program allows the homeowner's utility company to adjust the thermostat during peak energy events. A badge on the home page will indicate when the system is in an active energy savings event.

Enrollment is a two-step process for consumers. The first step requires the consumer to register with their utility provider. Registering will require the homeowner to provide the utility company a registration code. After the consumer is registered, the second step is to enable the thermostat settings and enroll in Peak Monitoring.

Enable Peak Monitoring

1. Select **Menu, Settings, Peak Monitoring**.

The *Peak Monitoring screen* displays.

2. Select the radio button to enable Peak Monitoring.

This action automatically retrieves the required certification for the thermostat. a confirmation message display that confirms enrollment is open.

3. Click **OK**.

NOTE: *If enabling energy savings is successful or not successful a pop-up screen will appear indicating either. If unsuccessful, try again in a few minutes.*

Enroll in Peak Monitoring

AHRI 1380

1. Click **Enroll in AHRI 1380**.

The Peak Monitoring Enrollment dialog displays.

2. Enter the utility company's url in the **Name** field and press **Done**.

An enrollment confirmation message displays

3. Click **OK**.

The Peak Monitoring screen now indicates the Enrollment Status as "enrolled" and the Connection Status as "Connected."

The Peak Monitoring badge will briefly display on the thermostat's and Lennox Home application's homescreen.

TITLE 24

1. Click **Enroll in Title 24**.

The Peak Monitoring Enrollment dialog displays.

2. Enter the utility company's url in the **Name** field and press **Done**.

An enrollment confirmation message displays.

3. Click **OK**.

The Peak Monitoring screen now indicates the Enrollment Status as "enrolled" and the Connection Status as "Connected."

The Peak Monitoring badge will briefly display on the thermostat's and Lennox Home application's homescreen.

Peak Monitoring Settings

AHRI 1380

During an energy savings event, the energy provider will reduce your HVAC's power. The HVAC power will temporarily reduce to 0%, 40%, or 70% of maximum power.

If the temperature becomes uncomfortable, the homeowner can cancel participation in the energy savings event.

TITLE 24

The Peak Monitoring Settings screen allows homeowners to use their energy provider's default temperature or pricing set points. Homeowners can also customize these settings by selecting the following:

- **Peak load event active set-points** with the following options:
 - » Default
 - » Offset
 - » Custom set-points
- **Peak Price event Threshold**
- **Peak Price Event Active Set-Points** with the following options:
 - » Default
 - » Offset
 - » Custom set-points
- **Peak Monitoring Events Filter**
 - » Any Peak Monitoring event that results in a set-point change outside these limits will be ignored. By default, heating set-point at 50°F and cooling setpoint at 90°F.
- **Factory Reset Peak Monitoring Settings** - selecting this option resets Peak Monitoring settings to factory state. Homeowners can setup a new utility/energy provider via this feature, as well.

Canceling Peak Monitoring Event

When in an active energy savings event and you attempt to update any of the following settings, a pop-up window displays confirming your wish to exit the active energy savings event which could result in higher energy consumption during the event period:

- Adjusting the temperature set point manually
- Selecting a schedule
- Changing the mode of operations
- Manually canceling the event from the *Home* screen indicator

Cancel Enrollment

1. Select **Menu, System Settings, Peak Monitoring.**

The *Peak Monitoring* screen displays.

2. Click **Cancel Enrollment.**
3. Click **Confirm** to proceed with the selected option.

Devices

Lennox Wireless Extenders and Smart Room Sensors can only be added or removed using the Lennox Home App. For more information concerning Lennox Smart Devices, see “Lennox Smart Devices” on page 35.

The homeowner can add or remove Lennox Smart Room Sensors and Lennox Wireless Extenders to the thermostat only if at least one device has already been added first by the installer.

NOTE: *For more information on setup, placement and pairing of Smart Room Sensors and wireless extenders, see the Smart Sensor Installation and Setup Guide provided with the device.*

This section will list the Thermostat and Lennox smart devices such as Smart Room Sensors, Smart Air Quality Monitor and Wireless Extenders.

Thermostat

The homeowner can view the thermostat name and information about the thermostat. Information available in this section includes Model Number, Serial Number, Hardware Revision, Software Revision, Software Update and MAC address.

On the **Software Update** screen is the settings for thermostat **Automatic Updates** and **Check for Updates Now**.

By default the **Automatic Updates** is set to **ON**.

Smart Devices

There is an alternate location where you can find information about each device. See “Lennox Smart Devices” on page 35 for further details available.

Ventilation

This option will only appear if a fresh air damper, ERV or HRV is installed and configured by the installer. Either ERV or HRV could be configured as single or two-stage if applicable.

Menu Selection

For **Ventilation Mode**, there are three possible selections which are:

- » **Installer Settings (Timed)** or **(ASHRAE)**. Whether the option is timed or ASHRAE is determined by how the installer set the parameter default.
- » **On (always)**
- » **Off (always)**

NOTE: *Factory default is **ASHRAE**. The installer will need to change it to **Timed** (if **Timed** mode is desired).*

The homeowner can also select *ventilate now* to start a ventilation function immediately. Those menu options are 10, 20, 30, 40 and 50 minutes, 1 hour, 1-1/2 hours, 2 hours, 2-1/2 hours, 3 hours, 3-1/2 hours, 4 hours, and custom. Custom will allow you to set a specific run-time.

NOTE: On two-speed ventilators, when **ventilate now** is selected, the ventilator will come on at high speed.

NOTE: Once ventilation is started, a notification appears on the right-side of the Home screen indicating a time when that specific cycle will end and an option to cancel the demand.

What is ASHRAE?

ASHRAE 62.2 is a national standard that provides methods for achieving acceptable indoor air quality in typical residences. It was developed and is maintained by the American Society of Heating and Air-Conditioning Engineers (ASHRAE). One of the standard three main components is Whole House Ventilation which is exhausting stale indoor air and replacing it with fresh outdoor air.

The exhaust fan dilutes the air in the main living spaces with outside air to remove unavoidable contaminants from people, pets, cleaning, off gassing, etc. The whole house fan flow rate is determined based on the floor space and the number of bedrooms. The whole house fan provides multiple air exchanges within the home each day.

For more information about ASHRAE, go to <https://www.ashrae.org>.

Advanced Settings

This section is for installers and technicians ONLY to customize system settings and run various diagnostic tests.

View Support Service Control Center

Allows installers and technicians to perform custom configurations tailored for the homeowner's unique requirements.

Restart

This allows the homeowner to restart the thermostat. Thermostat settings will not be lost.

Unregister System

Unregistering the system will unlink the thermostat to the homeowner's registered email account.

To register the thermostat to a new or existing account, a new PIN number must be generated from the new/existing account and the thermostat must be paired using the Lennox Home application.

Lennox Dealer Support Access

IMPORTANT

A great investment has been made in the home's heating and cooling system and peak performance is expected by homeowners. With a simple, **ON / Always** option, this E40 Smart Thermostat forever changes HVAC equipment diagnostics, maintenance, and repair. It provides basic maintenance notifications and alerts, performance reports, and the ability for dealers to remotely diagnose and troubleshoot. This proactive and responsive HVAC care is valid for the lifetime of the HVAC system. Promising peace of mind by doing away with unnecessary dealer visits, avoiding potential repair costs, and ensuring nothing short of perfect air. In some instances, the dealer may be able to correct a problem without ever having to come to the homeowner's home, saving both parties time and money.

Local Lennox: Homeowners have the options to either display information already populated on this screen or edit the service contact information. This is where details such as Name, Country, Address, phone, email and website information can be added.

Dealer Support:

- » **Remote Sharing** - Allow service provider to remotely view the status of the system. By default this option is set to OFF.
- » **Alerts and Notifications - Technician** - This feature notifies the homeowner's local Lennox Dealer whenever the system requires service or maintenance. By default this is set to OFF.
- » **Advanced Diagnostics and Troubleshooting**
 - » **Off/On** - Only grants authorization to service provider to troubleshoot the system remotely if the homeowner has selected On. See "Enable Temporary Advanced Diagnostics Access" on page 44 for guidance on how to allow a Lennox Dealer temporary remote access for diagnostics and troubleshooting.
 - » **Advanced Diagnostics Current Status** - Displays whether a technician is currently connected to the system.

Lennox Smart Devices

Lennox Smart Room Sensor

The **Lennox® E40 Smart Thermostat** can support up to six **Lennox® Smart Room Sensors**.

Adding and Removing Smart Room Sensor

Please refer to the *Smart Room Sensor Installation and Setup Guide* for information on the devices, placement, and pairing using the Lennox Home App.

View the Smart Room Sensor About Screen

From the thermostat's *Home* screen, select **Menu**, **Settings**, scroll to the *Devices* section and select a SRS (Smart Room Sensor) icon. The sensor can be activated or deactivated from this screen. This action allows the homeowner to include or exclude a specific *Smart Room Sensor* from temperature averaging. Other details such as Sensor Name, Sensor Type, and About Sensor can be viewed.

Room Averaging using Occupancy Detection

Set the following feature using either the thermostat or Lennox Home app using the system setting screen.

From the *Home* screen, go to **Menu > Settings > Smart Temp > Which device(s) determine the Smart Temp**.



Figure 22. Occupancy Settings for Temperature Averaging

Smart Temp Sensor Setting

At least one sensor must be participating in Smart Temp for the system to operate. The following Critical Issue dialog displays if at least one sensor is not participating in Smart Temp.

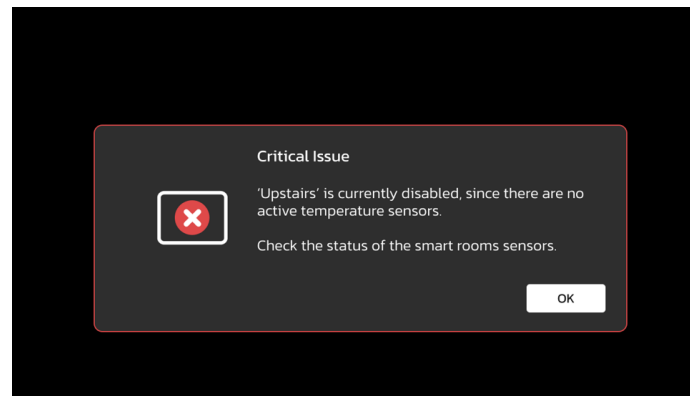


Figure 23. Critical Issue Dialog

NOTE: Deselect *System Thermostat* to ensure the *System Thermostat* is not included in *Smart Temp Averaging*.

The Smart Temp settings are as follows:

- **Always** - When the sensor is set to **Always**, the thermostat will always include the sensor in temperature averaging.
- **When Occupied** - When the sensor is set to **When Occupied**, the thermostat will only include the sensor in temperature averaging if the room is occupied.

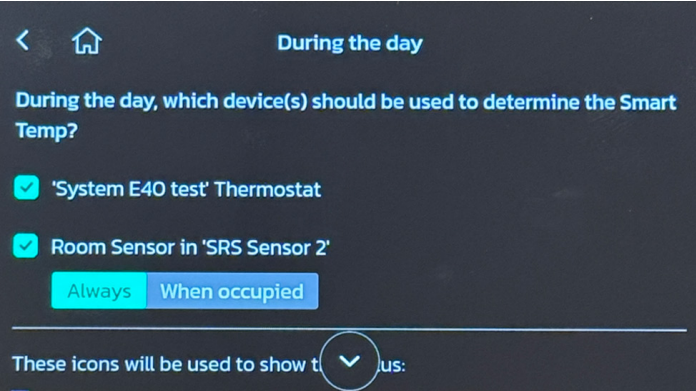


Figure 24. Occupancy Settings for Temperature Averaging

Verify that the sensor is not in direct sunlight, discharge vents, unconditioned space or any other types of environmental conditions that could affect the Smart Room Sensor temperature reading.

NOTE: If the Smart Room Sensor is in a suitable location and the actual room temperature does not match what the sensor is reporting, then the Smart Room Sensor may need to be replaced.

Lennox Wireless Extender

Adding and Removing the Lennox Wireless Extender

Please refer to the *Lennox Wireless Extender Installation and Setup Guide* for information on the devices, placement, and pairing using the Lennox Home App.

Viewing the Wireless Extender Detail Screen

From the thermostat's *Home* screen, select Menu, Settings, scroll to Devices, select the WE (Wireless Extender) icon. Homeowners can view the Wireless Extender Name, the Device Type, and the About Extender details. The details include the extender's Model Number, Serial Number, and Firmware Version.

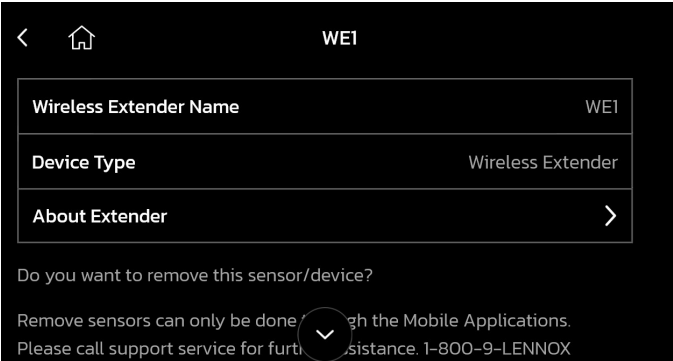
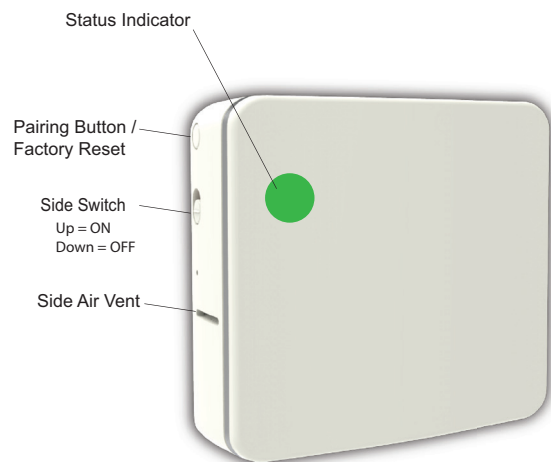


Figure 25. Wireless Extender Details

Lennox Smart Air Quality Monitor



Status Indicator Light Color Descriptions

NOTE: The light is only on if there is an issue with signal strength.

Table 1. Sensor Light - Two Color Descriptions

Function	Light Color	Description
Signal Strength	BLUE	• A solid blue light indicates the signal strength is low or has lost connection to the thermostat. • No blue light indicates signal strength is good.
Pairing	GREEN	A flashing green light indicates the unit is in pairing mode.

Adding and Removing the Smart Air Quality Monitor (SAQM)

This device should only be installed by a professional installer. A single **Lennox® E40 Smart Thermostat** can support one **Lennox® Smart Air Quality Monitor**.

How the Smart Air Quality Monitor Works

! IMPORTANT

The Lennox® E40 Smart Thermostat will begin displaying information from the Smart Air Quality Monitor once there is a blower/cooling/heating demand. Until the first thermostat demand, the SAQM will indicate it is calculating.

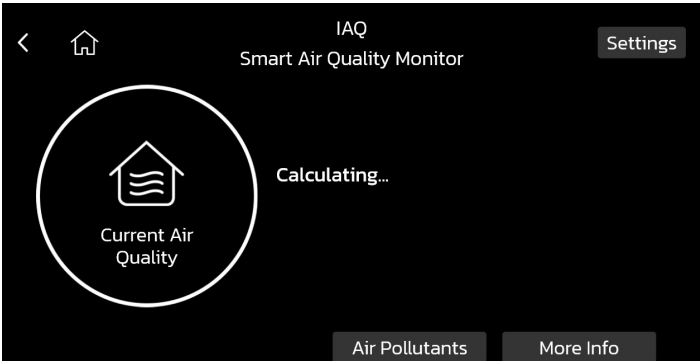


Figure 26. SAQM Calculating

When the Smart Air Quality Monitor detects poor indoor air quality (IAQ) in the home it will pass that information on to the thermostat which will attempt to clean the air. Depending on the IAQ equipment installed in the home, one of the following methods will be used by the thermostat:

- » **If no IAQ equipment installed** - The thermostat will run the indoor unit blower to circulate air.
- » **High Efficiency Filter** - The thermostat will run the blower motor to circulate the air through the filter cabinet.
- » **ERV / HRV** - The thermostat will check outdoor air quality and compare it to the indoor air quality. If outdoor air quality is better then it will bring in fresh outdoor air. If outdoor air is poorer it will run the indoor blower to circulate the indoor air.

Side Switch

The primary reason for this switch is to turn off the internal fan in case the device is installed in a bedroom.

The side switch on the **SAQM** when in the **UP** position turns on the internal fan and transmits air quality data to the thermostat.

When the switch is set to the **DOWN** position, it will turn off the internal fan and stop air quality data to the thermostat.

An alert code 70003 displays, which indicates the switch is **OFF**. The alert code will automatically clear once the switch has been set back to the **ON** position.

While the switch is in the **DOWN** position, the latest reading from the **SAQM** will be displayed on the thermostat. It will not update that information until the switch is moved back to the **UP** position.

IMPORTANT

The dealer and homeowner may receive an email indicating that Alert Code 70003 is a no cool, no heat condition. This is not true and the HVAC system will operate normally. This type of notification is due to alert code being classified as a Service Urgent.

Definition of Contaminants

Table 4. Terminology

Term	Definition
PM_{2.5}	PM stands for particulate matter (also called particle pollution), the term for a mixture of solid particles and liquid droplets found in the air. The 2.5 is the fine inhalable particles, with the diameters that are generally 2.5 micrometers and smaller. Breathable air particles can include pet dander, bacteria, mold, chemicals from cleaning products, building materials, fuel-burning equipment such as furnaces, upholstered goods, cooking, sweeping, copy machines, skin flakes, clothing fibers, combustion, cooking, smoke, dust, dirt, spores, and pollen. Sources vary seasonally.
VOC	Volatile organic compounds (VOC) are a combination of gases and odors released/emitted/off-gassed from a variety of sources. VOCs include a variety of chemicals, some of which may have a short and long-term adverse health effects. Alternate terms are odors, gases, vapors and chemicals.

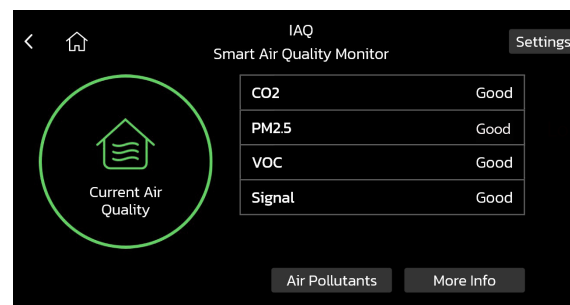
Table 4. Terminology

Term	Definition
CO₂	CO ₂ or carbon dioxide is an odorless, colorless, non-flammable gas. Carbon dioxide is a by-product of combustion, as well as a result of the metabolic process in living organisms (for example, exhaled air from lungs).
BLE	BLE stands for Bluetooth Low Energy. BLE is a variation of the Bluetooth wireless standard designed for low power consumption.

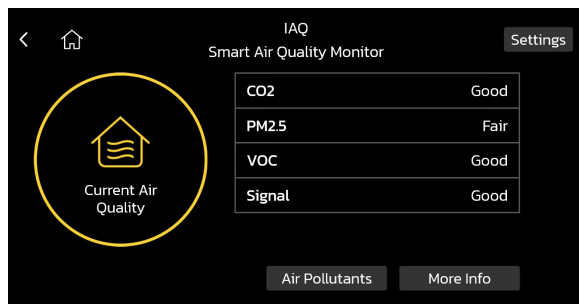
Smart Air Quality Details Screen

From the thermostat's *Home* screen, select Menu, Settings, scroll to Devices, select the IAQ (Indoor Air Quality) icon. Homeowners can view the Smart Air Quality Monitor Name, the Device Type, and the About Air Quality Monitor details. The details include the Model Number, Serial Number, Firmware Version, and the IAQ BLE Chip Version. Homeowner can also select the Level of Indoor Air Cleanliness from this screen. The levels are: High, Medium, and Basic.

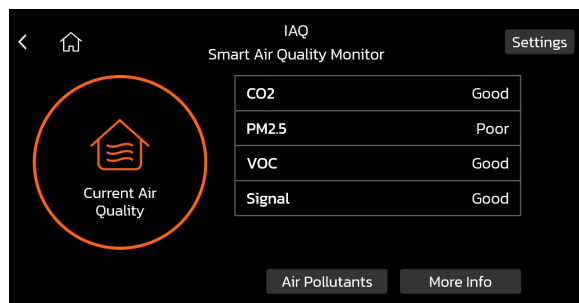
NOTE: Homeowners can sign up to receive monthly performance reports of their system's overall performance when customizing their thermostats. See "Screen 5 - Performance Reports" on page 10. Homeowners can also select to receive performance reports by pressing Menu > User Settings > Alerts and Reports. Press the Performance Reports slide button to **ON**.



Good Air Quality



Fair Air Quality



Poor Air Quality

When the system is cleaning the air an icon displays on the *Home* screen. A message displays under the *Status* screen.

Indoor Level of Air Cleanliness Setting

On the Smart Air Quality Monitor detail screen, select **Monitor Settings > Level of Indoor Air Cleanliness**. Options are *High*, *Medium* and *Basic* (most economical).

These options allows the installing technician to fine-tune the thresholds and determine *Good* air quality from *Fair* air quality. If the technician selects the *High* option, this results in the system cleaning pollutants and contaminants at lower levels.

NOTE: Only Volatile Organic Compounds (VOC) thresholds will be affected by these settings.

Likewise, *Basic* mode will trigger air cleaning at higher levels of VOC compared to *Medium*.

View Details and Postpone Cleaning Air

When the Lennox Smart Air Quality Monitor has determined that there is poor air quality in the home it will run the indoor unit fan or any other indoor air quality devices installed to clean the air. Selecting this notification on the thermostat *Home* screen allows the homeowner to view details concerning the air quality or postpone the air cleaning for a specified time period.

From the thermostat *Home* screen select **Cleaning Air**. There are two options: *View Details* and *Postpone*. Select *Postpone* to postpone by 1, 2, 4, 8, or 24 hours.

Third-Party Integration

The most current information provided by Lennox is available using the QR codes listed on the QuickStart Guides or product packaging.

Apple, the Apple logo, iPhone and iPad are trademarks of Apple Inc. registered in the US and other countries.

Android is a trademark of Google Inc. Use of this trademark is subject to Google permission.

Amazon, Amazon Echo, Amazon Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

! IMPORTANT

For third-party applications to work with the thermostat, the thermostat **MUST** be connected to the Internet and the user **MUST** be logged into their Lennox® E40 Lennox Thermostat account.

Amazon Alexa

Download the Amazon Alexa 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 has been integrated with the Amazon Alexa app, users can then use Amazon Alexa to voice control.

Changing to Celsius

Using the Amazon Alexa mobile app, select the three bar icon in the upper left-hand of the screen.

1. Select **Settings**.
2. Choose your Amazon device.
3. Select **Measurement Units** from the menu.
4. Toggle **ON** Temperature Units - Use metric measurements for temperature units.

NOTE: *Even though the thermostat supports half degree settings in Celsius, Amazon Alexa only supports whole degrees. The first temperature adjustment that gets made will set the temperature to a whole degree, if it was not already.*

Heat and Cool (Auto-Changeover)

Amazon Alexa controls the thermostat a bit differently when in Heat / Cool mode. In Heat / Cool mode, the system can automatically switch between heating and cooling as needed.

For instance, if Amazon Alexa is commanded to set the hallway temperature to 70 degrees, the thermostat will use 70 degrees as a midpoint temperature, setting the Heat set point to 69 and Cool set point to 72. Amazon Alexa will confirm the request by saying, "Hallway is in Auto mode, aiming for 70 degrees."

Amazon Alexa can change the thermostat mode (heat only, cool only, etc.) via voice commands. It is recommended to rename the system to a call name other than "System" or "system" during setup (such as "My System").

The following are examples of voice commands to a system named "My System":

- » Heat - "Alexa, set My System to HEAT."
- » Cool - "Alexa, set My System to COOL."
- » Auto - "Alexa, set My System to AUTO."
- » ECO - "Alexa, set My System to ECO."
- » OFF - "Alexa, set My System to OFF."

The following voice commands must be used for systems that remain as "System" or "system":

- » Heat - "Alexa, set Thermostat to HEAT."
 - » Cool - "Alexa, set Thermostat to COOL."
 - » Auto - "Alexa, set Thermostat to AUTO."
 - » ECO - "Alexa, set Thermostat to ECO."
 - » OFF - "Alexa, set Thermostat to OFF."
- If the thermostat is in *Away* or *Smart Away* mode, any Amazon Alexa commands to change thermostat temperature will not be successful.
 - Currently, users can pair only one home that is listed in their Lennox User Account with Amazon Alexa. In the situation where there are multiple homes associated with the Lennox thermostat account, users will not have a choice to choose the home for Amazon Alexa. Users can view the homes on the account by visiting: Amazon's on-line help at <https://alexa.amazon.com>.

Smart Home Systems and Assistance

Google Home and Assistant

Download the Google Home app from Google Play or the App Store™ on a compatible mobile device and then follow the on-screen steps to finish setup.

Once the homeowner has added the thermostat to their Google Home app, the homeowner should install and enable the Google Assistant app (Android and iOS) to enable voice control.

NOTE: *Google Assistant app may be already installed on Android devices.*

Perfect Temp and Schedule Mode Functions

Raising or lowering the temperature is not supported when using a schedule or Perfect Temp feature. When attempting to change the temperature when in either reference mode, Google Assistant will respond with *mode not supported*.

Heat / Cool Mode (Auto-Changeover)

Although Google Assistant supports heat / cool mode temperature adjustments, it will do so only by maintaining the currently established temperature range. For example, if the heat set point is 60°F and the cooling set point is 80°F at the thermostat itself, then a temperature range of 20 degrees has been established. Any adjustment using Google Assistant, either through the app or by voice will maintain a 20 degree range differential as well. Let's say the homeowner changes their heat set point to 65°F. Now the thermostat will indicate the heating is at 65°F and cooling is set at 85°F.

Adjusting the cooling set point will result in the range being maintained as well. In the Google Home app, the thermostat image will only display the approximate center temperature between the current heating and cooling set points. In this example it would display 75°F.

Google's Online help at <https://support.google.com/googlenest/gethelp>.

Control4® Smart Home Operating System

Control4® is a leading control and automation platform that 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 any Lennox Smart Thermostat.

Settings include:

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

For additional information please visit <https://www.control4.com>.

Building36®

Building36® is a leading control and automation company that delivers next-generation smart home solutions that communicate with thousands of smart devices. It integrates 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 Smart Thermostat**.

Settings include:

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

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

Matter Smart Home Automation

Matter is a universal smart home standard that allows smart devices to work together, regardless of brand. Enabled on the E40 Smart Thermostat, Matter supports fast, simple connection with thousands of certified smart products, including voice assistants, directly out of the box.

KEY BENEFITS OF MATTER:

- » **Simplicity** - Easy setup and seamless interaction between devices
- » **Interoperability** - Compatibility across a wide range of smart home platforms
- » **Reliability** - Strong, stable performance and connections
- » **Security** - Built-in safeguards to protect data and device access

Matter comes from the Connectivity Standards Alliance, a global organization of hundreds of companies committed to improving smart home technology.

For more information, visit: www.matter-smarthome.de/en

To view an instructional video on connecting Lennox Smart Thermostats to additional home ecosystems using Matter, please click the Smarter Together Support QR code "Download Lennox Smart Applications" on page 5.

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](#).

Alert Code Priority Types and Notification Options

Table 5. Alert Code Priority Condition Visibility

Alert Priority	Alert Priority Description	Notifications Displayed or Email Notifications Sent						
		Displayed for Homeowner on Thermostat	Displayed for Dealer on Thermostat	Lennox Home Application	Lennox® Smart Tech App**	LennoxPros Service Dashboard**	Homeowner Emailed*	Dealer Emailed
Service Urgent	System is in a No Heat/ No Cool or not operating. Dealer service call is needed to get the system running.	√	√	√	√	√	√	√
Service Soon / Service Urgent	This alert priority indicates that the system will likely recover on its own and no interaction is necessary. Typically, either after a specific timer period or a specific number of instances, some Service Soon alerts will escalate to Service Urgent .	X	√	X	√	√	X	X
Service Soon	System is not reaching set point or is partially operating. A dealer will need to service it within 24 - 48 hours.	X	√	X	√	√	X	X
Maintenance	Maintenance alerts are programmed in the thermostat as reminders to change filters, replace UV lamps, tune up systems.	√	X	√	X	√	X	X
Information Only-Dealer	This alert priority is for information and is directed to the dealer.	X	√	X	√	X	X	X

* For homeowner to receive email notifications, email updates has to be enabled. From the *Home* screen, go to **menu > user account > Alerts and Reports** and set **Alerts and Notifications - Homeowner** to **ON**.

** For dealers to receive service alerts and service alert emails the feature needs to be enabled by the homeowner. From the *Home* screen, go to **Menu > Lennox Dealer Support Access > Dealer Support Access** and set **Alerts and Notifications** to **ON**.

Temporary Advanced Diagnostics Access

During the Customization process, homeowners are presented the option to enable the Remote Sharing and Advanced Diagnostics feature (see “Screen 8 - Advanced Diagnostics and Remote Sharing” on page 11). This feature allows a local Lennox Dealer remote access to the homeowner’s thermostat to run diagnostics and troubleshoot system issues, which can eliminate downtime and avoid unnecessary service visits and repair costs.

If the homeowner chooses to opt out of the feature, the dealer will not be able to troubleshoot issues remotely. However, through the Service Dashboard (LennoxPros) the dealer can send a Temporary Advanced Diagnostics request to the homeowner. After the homeowner accepts and grants access to their system, the dealer has 24 hours to remotely conduct diagnostics tests and/or make system adjustments. After the 24-hour window expires, dealer access is automatically terminated.

Enable Temporary Advanced Diagnostics Access

When a Temporary Advanced Diagnostics Access Request arrives from the dealer or technician, the homeowner will receive a notification on their mobile device and **E40 Smart Thermostat** similar to messaging found in Figure 26.

NOTE: The mobile device (on which the Lennox Home App is installed) must allow Notifications from the Lennox Home App in order to receive Advanced Diagnostics Access requests from the dealer. Permission is usually requested during the initial installation of the Lennox Home App.

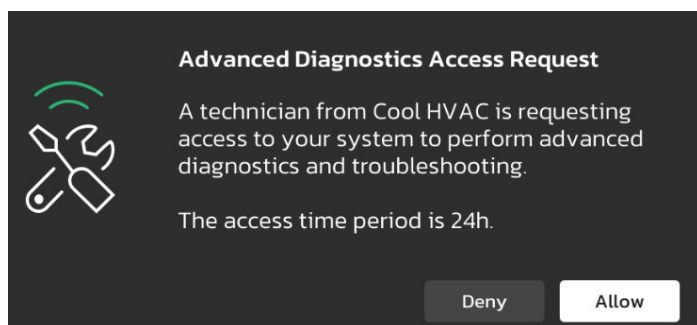


Figure 27. Advanced Diagnostics Access Request

1. Press **Allow** to grant the dealer temporary access (24 hours) to the **E40 Smart Thermostat**.

The *Advanced Diagnostics Access Granted* dialog displays.

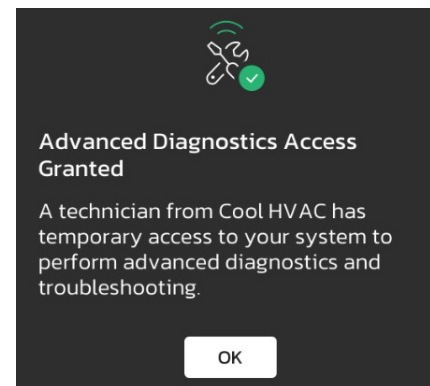


Figure 28. Advanced Diagnostics Access Granted

2. Click **OK**.

The **Advanced Diagnostics in progress** icon/badge displays on the thermostat’s home screen.

This indicates a dealer has temporary access to the thermostat and is working to resolve the issue.

NOTE: Press the **Advanced Diagnostics in progress** icon and select **More Info**. The homeowner is directed to the Dealer Support Access screen. Under the *Advanced Diagnostics Current Status* heading, “Technician connected” displays. This confirms a dealer/technician has successfully connected to the thermostat.

End Advanced Diagnostics Access

1. Press the **Advanced Diagnostics in progress** icon/badge.
The *Advanced Diagnostics in progress* dialog displays.
2. Press **End Access** to disconnect the communication between the dealer/technician and the thermostat.
The *End Advanced Diagnostics Access?* dialog displays.
3. Press **Yes**.
The *Remote Access has been canceled* dialog displays.
4. Press **OK**.
The *Advanced Diagnostics Access Canceled* badge/icon displays on the thermostat's home screen.

NOTE: *If the homeowner attempts to end Advanced Diagnostics Access while a dealer/technician is diagnosing the homeowner's system, disconnection will not be immediate. Access ends after the service/diagnostics is complete.*

If the homeowner decides to end access before the dealer/technician connects to their system, the dealer/technician will not gain access to the homeowner's thermostat.

FCC Statements

FCC Compliance Statement — PART 15.19

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- » This device may not cause harmful interference, and
- » This device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement — PART 15.105 (B)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- » Reorient or relocate the receiving antenna.
- » Increase the separation between the equipment and receiver.
- » Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- » Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Information

This device meets the FCC and ISED requirements for RF exposure in public or uncontrolled environments.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada License-Exempt RSS Standard(s) Operation

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- » This device may not cause harmful interference, and
- » This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- » l'appareil ne doit pas produire de brouillage, et
- » l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Index

A

Advanced Diagnostics and Troubleshooting 34
Advanced Settings 34
Alert Code Priority Types 43
Allergen Defender 4
ASHRAE 34

B

Building36® 41

C

Celsius 40
Cleaning Air 21
Cleaning Air - Postpone 39
Control4® Smart Home Operating System 41

D

Date and Time 15
Dehumidification Accessory Installed 31
Devices 33
Display Features 4
Display Settings 26

E

Email Updates 26
Energy Savings Status 20

F

Fan 30
Features 4
Feels Like 4, 18, 29

H

Heat • Cool 31
Home Screen 14
Humidification Control Center 31
Humiditrol® 4
Humidity Control 31

I

Icons (screen)
 Ambient Lockout 19
 Away 18
 Cooling 18
 Defrosting 19
 Dehumidifying 18
 Emergency Heat 19
 Energy Savings 32
 Fan Set to Auto 19
 Fan Set to Circulate 19
 Fan Set to On 21
 Heating 18
 Humidifying 18
 Load Shedding, Wait Time 45 min 20
 Menu 18
 Schedule Hold Until Next Period 21
 System Under Test 20
 Transitioning to Next Schedule 21

Will Start Soon 19
IFTTT 42

L

Lennox Dealer Support Access 34
Lennox Smart Air Quality Monitor 16, 37
Lennox Smart Devices 35
Lennox Smart Room Sensor 16
Lennox Wireless Extender 17
Local Lennox Dealer Info 34

M

Matter Smart Home Automation 41
Menu
 System 34
Mobile Device Location Services 28
Monthly Report Email 26
Move Out 26

P

Peak Monitoring 32

R

Received Signal Strength Indication (RSSI) 13
Remote Sharing 34
Room Averaging using Occupancy Detection 35

S

S40 and S30 Thermostats 12
Safety Protection 31
Schedule IQ 4

Screen Lock 26

Settings

 Advanced Settings 32
 Away 27
 Fan 30
 Heat • Cool 31
 Ventilation 33
 Wi-Fi 27
Sleep Mode 29
 Enable/Disable 30
 Set Sleep Mode Schedule 30
Smart Away 4, 28
 Away Set Points 28
 Inner and Outer Away Fences 28
 Mobile Device Location Services 28
 Multiple Mobile Devices 28
 Transition Set Points 28
Smart Devices 35

T

Temporary Advanced Diagnostics Access 44
Third-Party Integration 39
Time and Date Display 15

U

Unregister System 34
Updates 33
 Automatic Updates 33
 Check for Updates Now 33

V

Ventilation 33

ASHRAE 34

Home Screen Icons 20

Settings 33

W

Wi-Fi

Access Point Hidden 12

Signal Strength Indicator 13

Wi-Fi Considerations 12

Wi-Fi Network Types Supported 12

Wireless Extender 36

