



# M40

## Residential Control System

### Programmable Smart Wi-Fi Thermostat

#### RESIDENTIAL PRODUCT SPECIFICATIONS (EHB)

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

The M40 is a Smart Wi-Fi, electronic 7-day, universal, programmable, touchscreen thermostat.

- LCD display with backlight shows the current and set temperature, and system status (operating mode and schedules)
- Touchscreen interaction
- Ergonomic design
- Smooth Setback Recovery starts system early to achieve setpoint at start of program period
- Compressor short-cycle protection (5 minutes)
- Real-time clock keeps time during power failures and automatically updates to daylight savings
- Maintenance reminders let user know when to service or replace filters, PureAir® metal insert, humidifier pads, ultraviolet lamps, ventilation and ventilation filter
- Up to four separate schedules are available plus Schedule IQ™
- One-Touch Away Mode - A quick and easy way to set the cooling and heating setpoints while away
- Permanent memory storage of settings
- Wallplate furnished

#### APPROVALS

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

#### APPLICATIONS

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

#### HOME AUTOMATION

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


#### WARRANTY

- Limited five years in residential applications


**NOTE** - Refer to Lennox® Basic Limited Warranty at [www.Lennox.com](http://www.Lennox.com) for additional details.



#### MOBILE APPS



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

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

#### CONTENTS

Commissioning - Initial Setup (Thermostat) . . . . .	14
Dealer Service Center - Installer Settings (Thermostat)	15
Home Automation . . . . .	3
Homeowner Settings . . . . .	5
Mobile Apps (Homeowner/Installer) . . . . .	2
Specifications . . . . .	19

## MOBILE APPS (HOMEOWNER/INSTALLER)

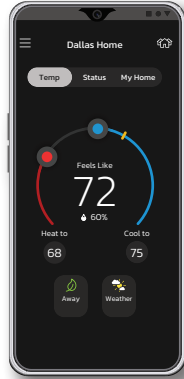
### LENNOX HOME (Homeowner)



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

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

Mini-Split Systems - Control Mini-Split system modes and fan operation



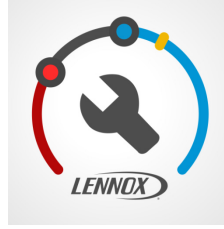
### LENNOX PROS APP (Installer)



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

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

### LENNOX SMART TECH (Installer)



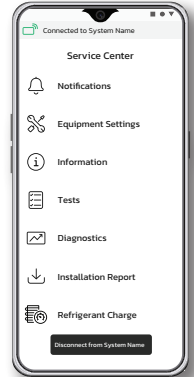
Allows the installer to commission the system and remotely turn the system on and off during setup or service call from a smartphone.

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

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

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

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



## HOME AUTOMATION

### Amazon® Alexa

The M40 Smart Thermostat is an Amazon® Alexa-enabled, smart-home-compatible thermostat.

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

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



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

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### Control4® Smart Home | Operating System

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

Control4 gives the customer an easy-to-use interface to control the Lennox® M40 thermostat.



Settings include:

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

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



**NOTE** - For integration with Lennox® M40 Thermostats, the customer must contact their [Control4](#) dealer directly to download and install the necessary driver for their operating system.

*Control4® is a registered trademark of Control4 Corporation. All rights reserved.*

### Google Assistant

Control basic functions of the M40 thermostat using Google Assistant.

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

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

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

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

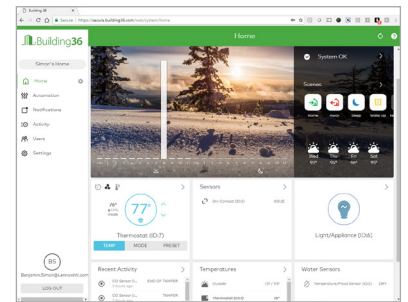


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### Building36® Practical Home Automation

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

Building36® gives the customer an easy-to-use interface via the Building36 Dashboard or the Building36 Home Mobile App to control the Lennox® M40 thermostat.



Settings include:

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



AN ALARM.COM COMPANY

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

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## HOME AUTOMATION

### Matter Smart Home Automation

- Matter is an open standard for smart home technology that lets your device work with any Matter-certified ecosystem using a single protocol
- Matter comes from the Connectivity Standards Alliance, an organization of hundreds of companies creating products for the smart home
- Works with thousands of smart devices
- Enabled with Matter, the M40 thermostat will work with other smart devices built on this industry-unifying technology, including voice-enabled assistants, straight out of the box
- Smart devices enabled with Matter work together seamlessly
  - Simplicity - Simplifying connected experiences
  - Interoperability - Providing greater compatibility and easier connections
  - Reliability - Enabling reliable connections
  - Security - Maintaining secure connections



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

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# HOMEOWNER SETTINGS

HOME SCREEN	Notes
	<ul style="list-style-type: none"> <li> All thermostat settings can also be made in the Lennox® Home App.</li> <li> If screen is dark, tap screen to turn on the backlight.</li> </ul>
<h3>Temperature Settings</h3>	
<p>Large display of current inside temperature (°F or °C)</p>	<ul style="list-style-type: none"> <li> Tapping the heat or cool setpoint indicators on the round temperature band, or tapping the heating or cooling icons displays the heat or cool menu screens (see page 7).</li> </ul>
<p>Heating and Cooling Setpoint Indicators on the round temperature band</p>	<ul style="list-style-type: none"> <li> Both heating and cooling setpoint indicators on the round temperature band and the heating or cooling setpoint icons are displayed if System is set to Heat/Cool.</li> </ul>
<p>Current cooling setpoint temperature Icon (right-side)</p>	<ul style="list-style-type: none"> <li> Indicator mark on the round band marks the temperature setting.</li> </ul>
<p>Current heating setpoint temperature Icon (left-side)</p>	<ul style="list-style-type: none"> <li> Various animated icons appear above the current temperature depending on system operation..</li> </ul>
<p> Menu Icon</p>	<ul style="list-style-type: none"> <li> Tap to display <b>Menu</b> screen (see page 8).</li> </ul>
<p> Away Icon</p>	<ul style="list-style-type: none"> <li> Tap to display <b>Away Mode</b> screen (see page 7).</li> </ul>
<p> Configuration Icon</p>	<ul style="list-style-type: none"> <li> Animated icons also appear here for configuration, maintenance notification, Wi-fi status, peak monitoring, or upcoming functions.</li> </ul>
<p> Notifications Icon</p>	<ul style="list-style-type: none"> <li> Only displayed if there are active notifications</li> <li> Tap to display any active notifications.</li> </ul>
<h3>Mode Icons (Split Systems)</h3>	
<p> Heat / Cool</p>	<ul style="list-style-type: none"> <li> Tap the <b>Menu</b> Icon  on the home screen, tap <b>Mode</b> to display the Mode Screen.</li> </ul>
<p> Heat Only</p>	<ul style="list-style-type: none"> <li> Animated versions of these icons are also displayed on the Home screen above the actual temperature to indicate current system operation.</li> </ul>
<p> Cool Only</p>	<p>The <b>Off</b> icon is displayed below the actual temperature if the system is not running.</p>
<p> Emergency Heat (emergency heat operating as main heating source)</p>	<p>Tap the Off icon to display the Mode Screen directly.</p>
<p> Off</p>	

## HOMEOWNER SETTINGS

### HOME SCREEN (Continued)

#### Fan Status Icons (Split Systems)


 Fan On

 Fan Auto

 Fan Circulate

#### Miscellaneous Icons



 System Tests

 Schedule Hold


 Service Urgent


 Peak Monitoring


### Notes


 Tap the **Menu Icon**  on the home screen, tap **Fan** to display the Fan Screen.

 System Tests is displayed when system is configured for different equipment.

 Schedule Hold is displayed when a current schedule override is in effect.

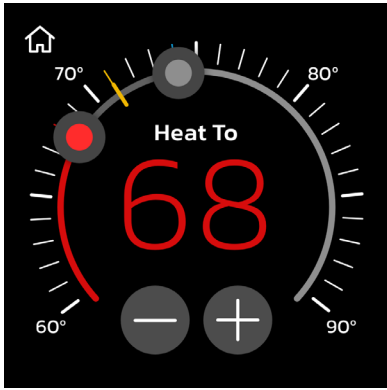
 Service Urgent is displayed if there is a critical issue with the system.

 Peak Monitoring allows the utility company to control the energy savings time period. You can select cancel to exit this mode.

 Peak Monitoring Registration is set up in the Lennox® Home App.

# HOMEOWNER SETTINGS

## HEAT MENU SCREEN







Heating setpoint display

Heating Setpoint Indicator on the round temperature band

Plus (+) and Minus (-) Icons

Home Icon (return to Home Screen)

### Notes

-  On the Home Screen, tapping the heat setpoint indicators on the round temperature band, or tapping the Plus (+) and Minus (-) Icons displays the heat menu screen.
-  Tap and move the red heat setpoint indicator on the round temperature band, or tap the **plus** or **minus** Icons to change the heating setpoint in one degree increments. Adjustable 60 to 87°F.
-  A wider setpoint range (40 to 99°F) can be set in the Lennox®Home App.
-  During a scheduled time period, tapping either the setpoint indicator on the temperature band or the heat-to Icon will initiate a schedule hold (see page 9).

## COOL MENU SCREEN







Cooling setpoint display

Cooling Setpoint Indicator on the round temperature band

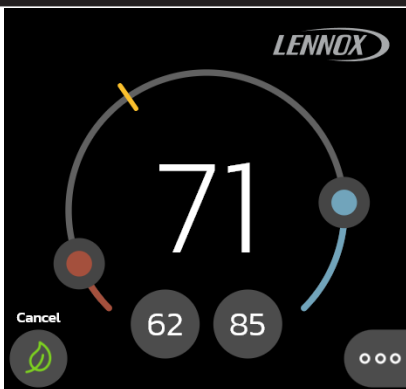
Plus (+) and Minus (-) Icons

Home Icon (return to Home Screen)

### Notes

-  On the Home Screen, tapping the cool setpoint indicators on the round temperature band, or tapping the Plus (+) and Minus (-) Icons displays the cool menu screen.
-  Tap and move the blue cool setpoint indicator on the round temperature band, or tap the **plus** or **minus** Icons to change the cooling setpoint in one degree increments. Adjustable 63 to 90°F.
-  A wider setpoint range (40 to 99°F) can be set in the Lennox®Home App.
-  During a scheduled time period, tapping either the setpoint indicator on the temperature band or the cool-to Icon will initiate a schedule hold (see page 9).

## AWAY SCREEN



Set heating or cooling setpoints during unoccupied periods






Heating and Cooling Setpoint Indicators on the round temperature band

Current away cooling setpoint temperature Icon (right)

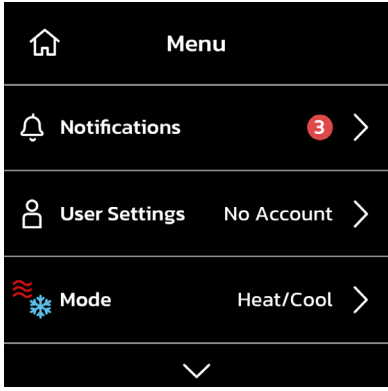











Current away heating setpoint temperature Icon (left)

Cancel Away Mode Icon

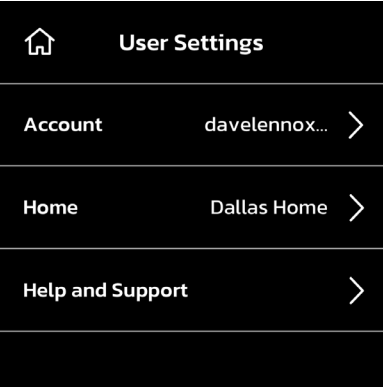
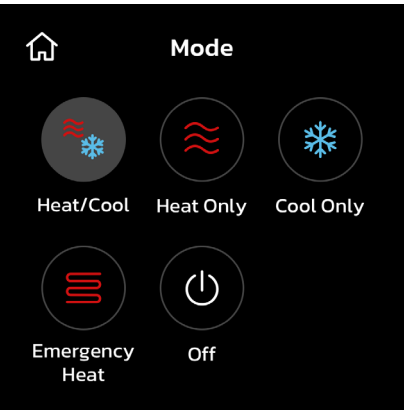

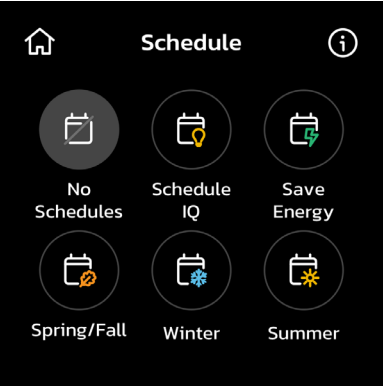
### Notes

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

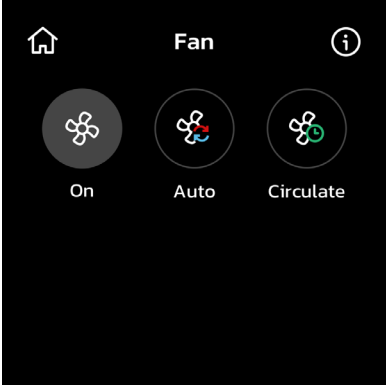


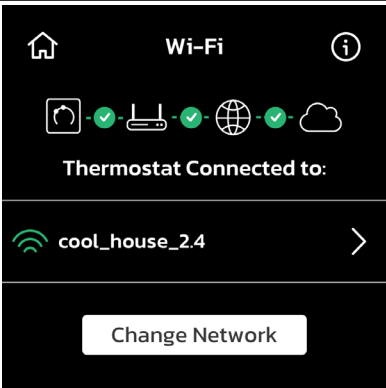
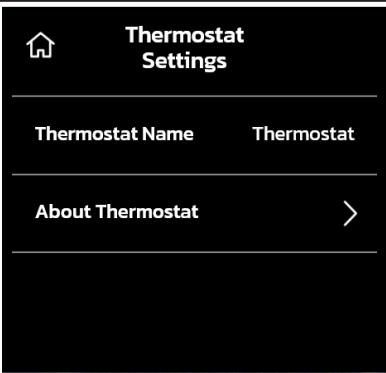
# HOMEOWNER SETTINGS

MENU SCREEN	Notes
	<ul style="list-style-type: none"> <li> Tap the <b>Menu Icon</b>  on the home screen to display the <b>Menu</b> screen.</li> <li> Tap each item to display the selected screen. Scroll down to see all menu items.</li> <li> Tap the <b>Home Icon</b>  to return to the Home Screen.</li> </ul>
<p>Notifications - Displays system operating and service reminder messages (see page 8)</p>	
<p>User Settings (see page 9)</p>	
<p>Mode (see page 9)</p>	
<p>Schedule (see page 9)</p>	
<p>Fan (see page 10)</p>	
<p>Wi-Fi (see page 10)</p>	
<p>Thermostat Settings (see page 10)</p>	
<p>Advanced Settings (see page 15)</p>	
NOTIFICATIONS SCREEN	Notes
	<ul style="list-style-type: none"> <li> Number of notifications  will be displayed over the Menu Icon on the Home Screen. Tap the Menu Icon to go to Notifications.</li> <li> Tap the &gt; to display the complete message for each notification.</li> <li> Alerts homeowner of critical and required service or maintenance issues.</li> <li> Notification settings (Filter replacement time, etc.) are set in the Lennox® Home App.</li> </ul>
<p>Critical (Red Alert) - Displays information that service is required for a major system component as soon as possible</p>	
<p>Warnings (Orange Alert) - Displays information about system operation</p>	
<p>Reminders (Yellow Alert) - Displays required maintenance information (filter replacement, humidifier pad replacement, UV light replacement)</p>	
<p>Info (Blue Alert) - Displays information about installer access, Wi-Fi status, new devices found, software updates and additional useful information and tips to operate the system efficiently</p>	

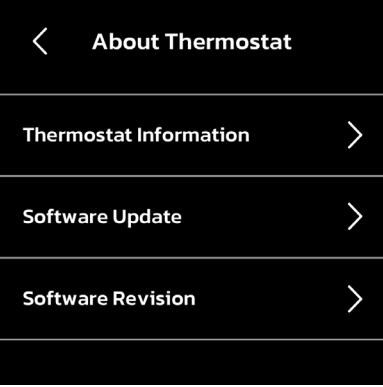

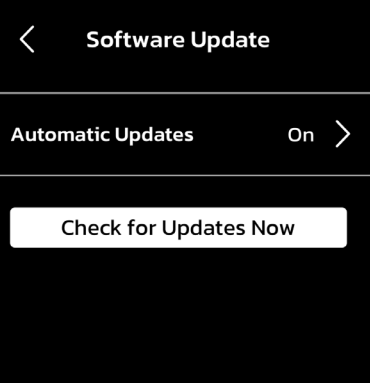

# HOMEOWNER SETTINGS

USER SETTINGS SCREEN	Notes
 <p>Account</p> <p>Configure Thermostat Icon</p> <p>Move Out (Yes/No)</p> <p>Home</p> <p>Help and Support</p>	<ul style="list-style-type: none"> <li>Tap <b>Configure Thermostat</b> icon to begin setting up account.</li> <li>If an account is set up the homeowner's e-mail address will be displayed.</li> <li><b>Home</b> displays the current home name and address that the thermostat is associated with.</li> <li><b>Move Out</b> signs out of the current account and removes the thermostat from the current account.</li> <li>To view more account information or to change the password use the Lennox® Home App.</li> </ul>
MODE SCREEN	Notes
 <p>Heat/Cool Icon</p> <p>Heat Only Icon</p> <p>Cool Only Icon</p> <p>Emergency Heat Icon (heat pump systems only)</p> <p>Off Icon</p>	<ul style="list-style-type: none"> <li>Tap <b>Mode</b> icon on the Menu screen to access screen.</li> <li>Tap each icon to set the mode of operation.</li> <li>Tap the <b>Home</b> icon  to return to the Home Screen.</li> </ul>
SCHEDULE SCREEN	Notes
 <p>No Schedules</p> <p>Schedule IQ</p> <p>Save Energy</p> <p>Spring/Fall</p> <p>Winter</p> <p>Summer</p>	<ul style="list-style-type: none"> <li>Tap to start a schedule.</li> <li>Schedules are modified in the Lennox® Home App.</li> </ul>

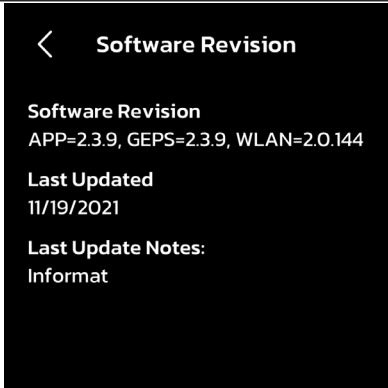
## HOMEOWNER SETTINGS

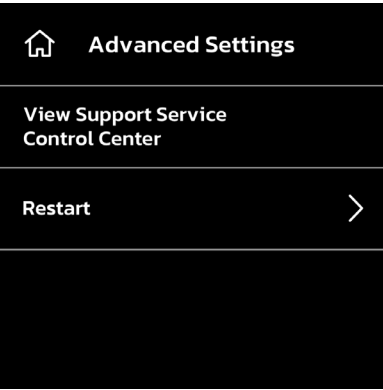
FAN SCREEN (Split Systems)		Setting	Default	Notes
				<p>Tap the <b>Menu Icon</b>  on the home screen to display the Menu screen. Tap the <b>Fan</b> menu to display the Fan screen.</p> <p>Tap the <b>Home Icon</b>  to return to the Home Screen.</p>
On Icon				Tap each Icon to set the fan operation.
Auto Icon				
Circulate Icon	9 to 27 minutes		<b>21 minutes</b>	Fan runtime adjustment is selected in the Lennox® Home App.
WI-FI SCREEN		Notes		
		<p>A graphical representation of the home network showing the connection status from the Thermostat to the Internet to the Lennox server.</p> <p>Tap the <b>&gt;</b> to see current network SSID, IP Address, Security level and RSSI.</p> <p>Tap the <b>i</b> Icon for additional information about a particular network (name, SSID, security, RSSI, etc.) available on the Lennox® Home App.</p> <p>Tap <b>Change Network</b> displays thermostat connectivity through the Lennox® Home App.</p> <p>A red "X" means that there is an issue with a connection point that must be resolved.</p>		
Current Active Network Icon				
Change Network				
THERMOSTAT SETTINGS SCREEN		Notes		
		<p>System Name is set in the Lennox® Home App.</p> <p>Thermostat Name is set in the Lennox® Home App.</p>		
System Name (not shown)				
Thermostat Name				
About Thermostat (see page 11)				

## HOMEOWNER SETTINGS

ABOUT THERMOSTAT SCREEN			Notes
			---
Thermostat Information (see page 11)			
Software Update (see page 11)			
Software Revision (see page 12)			
THERMOSTAT INFORMATION SCREEN			Notes
			---
Model Number			
Serial Number			
Hardware Revision			
MAC Address			
SOFTWARE UPDATE SCREEN	Setting	Default	Notes
			 Click the <b>Check for Updates Now</b> icon to manually download and install any available software updates.
Automatic Updates	On/Off	On	
Check for Updates Now Icon			

# HOMEOWNER SETTINGS

SOFTWARE REVISION SCREEN	Notes
 <p>Software Revision APP=2.3.9, GEPS=2.3.9, WLAN=2.0.144</p> <p>Last Updated 11/19/2021</p> <p>Last Update Notes: Informat</p>	---
Software Revision Number	
Last Updated	
Last Update Notes	

ADVANCED SETTINGS SCREEN	Setting	
 <p>Advanced Settings</p> <p>View Support Service Control Center</p> <p>Restart &gt;</p>		<ul style="list-style-type: none"> <li>Tapping View Support <b>Service Control Center</b> displays a warning "The following screens are intended for use by qualified Lennox equipment installers only".</li> <li>Restart Thermostat restarts the system without affecting settings.</li> </ul>
View Support Service Control Center - See page 15		
Restart	Restart Thermostat	

## HOMEOWNER SETTINGS

### PEAK MONITORING

#### Setting

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

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

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

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



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

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

### ENERGY SAVINGS ENROLLMENT

Enrollment is a two-step process for consumers

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

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### ENERGY SAVING SETTINGS

Peak Loading Event Active Setpoints:

Default (heat 60°F, cool 82°F)

Offset (default is +/- 4 °F)

Custom Setpoints

Peak Price Event Threshold

Factory Reset Peak Monitoring Settings



An energy saving event can be canceled when any of the following occur:  
 Adjusting the temperature setpoint manually  
 Selecting a schedule  
 Changing the mode of operations  
 Manually canceling the event from the home screen indicator

Peak Price Event Active Setpoints:

Default (heat 60°F, cool 82°F)

Offset

Custom Setpoints

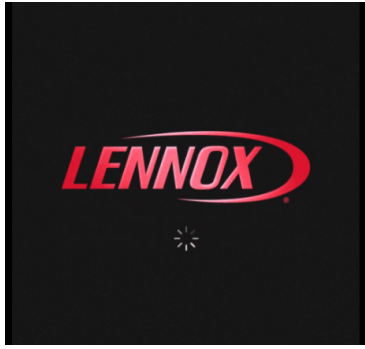
Peak Monitoring Events Filter

Factory Reset Peak Monitoring Settings(resets all parameters to factory settings and cancels enrollment)



Custom Setpoints displays a slider to adjust manually.

## COMMISSIONING - INITIAL SETUP (THERMOSTAT)



After power is applied to the thermostat for the first time it displays the Lennox® “splash screen”.

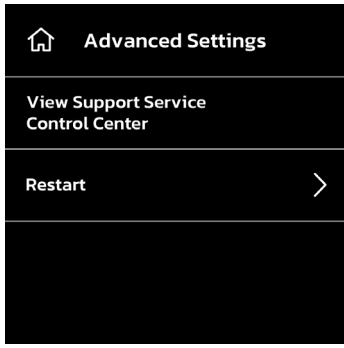
The Installer is then presented with the several Setup Screens to configure the system prior to operation.

**NOTE** - Full thermostat and system configuration is set in the **Lennox® Smart Tech Thermostat App (recommended)**. See page 2.

MENU	SETTING (default is BOLD)	Notes:		
Language	<b>English</b>	---		
	Español			
	Français			
Setup Route	<b>Lennox Smart Tech App (Recommended)</b>	All information is added using the app on a mobile device.		
	M40 Thermostat	Partial information is added on the thermostat.		
Dealer Information	Dealer ID Letter	Scroll to select letter.		
	Dealer Phone Number	Use keypad to input number.		
	Skip	---		
Country/Region	<b>United States</b>	---		
	Canada	---		
Time Zone	Atlantic	---		
	Eastern			
	Central			
	Mountain			
	Pacific			
	Alaska			
	Hawaii			
	Samoa			
	Chamorro (Guam)			
Daylight Savings	<b>Enabled</b> / Disabled	---		
Date and Time	Date / Time	Scroll to set date and time. <b>NOTE</b> - Date and Time is automatically set when connected to the Internet.		
Temperature Unit	<b>Fahrenheit °F</b> or Celsius °C	---		
Indoor Unit	1 Stage Electric No Heat	---		
	1 Stage Electric			
	2 Stage Electric			
	1 Stage Gas			
	2 Stage Gas			
Outdoor Unit	<b>Not Installed</b>	---		
	1 Stage AC Unit			
	2 Stage AC Unit			
	1 Stage HP Unit			
	2 Stage HP Unit			
	Balance Points		<b>Disabled</b> or Enabled	Heat Pump only.
	Low Balance Point		-20 to 72°F ( <b>25 °F</b> )	
	High Balance Point		-17 to 75°F ( <b>50 °F</b> )	
	O/B Terminal		<b>O</b> / B	
Reminder	Replace Filter 1	3, 6, 12, 24 months, <b>disabled</b>	---	
	Replace Filter 2			
	Maintenance Reminder			


## DEALER SERVICE CENTER - INSTALLER SETTINGS (THERMOSTAT)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!  
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE PAGE 2.**





Provides access to the installer for viewing and performing various functions.


- Connect to Mobile App
- Equipment Settings
- Notifications
- Installation Report
- Information
- Exit Dealer Service Center

 The Service Center is accessed from the Home Screen under the Menu Icon > Advanced Settings > View Support Service Control Center.

### CONNECT TO LENNOX SMART TECH APP

Discover	Start Icon	 Connects to the strongest channel and broadcasts a Thermostat ID for connecting to the Lennox® Smart Tech Thermostat App. See page 2.
	Stop Broadcasting Icon	Yes/No  Stops broadcasting.


### EQUIPMENT SETTINGS

THERMOSTAT	SETTING (default is BOLD)	Notes:
About	Product Type	 Equipment specifications.
	Language Support	
	Equipment Type Name	
	Control Software Revision	
	Control Model Number	
	Control Serial Number	
	Control Hardware Revision	
	Protocol Revision Number	
	Device Product Level	
	24VAC Average Power Consumption	
	24VAC Peak Power Consumption	
	Compatible Devices List	
	Application Code memory Size	
	Microcontroller Part Number	
	MAC Address	

## DEALER SERVICE CENTER - INSTALLER SETTINGS (THERMOSTAT)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!  
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE PAGE 2.**

### EQUIPMENT SETTINGS (Continued)

THERMOSTAT	SETTING (default is <b>BOLD</b> )	Notes:	
Settings	Temp Reading Calibration	-5 to 5°F ( <b>0°F</b> )	
	Auto-Changeover - Temp Deadband	3 to 9°F ( <b>3°F</b> )	
	Max Heat Setpoint	60 to 90°F ( <b>90°F</b> )	
	Min Cool Setpoint	60 to 90°F ( <b>60°F</b> )	
	Min Gas Heating Off Time	1.5 to 10 min. ( <b>1.5 min.</b> )	
	1st Stage Differential	0.5 to 3°F ( <b>1.0°F</b> )	
	2nd through 4th Stage Differential	0.5 to 8°F ( <b>1.0°F</b> )	
	Low Balance Point	-20 to 72°F ( <b>25 °F</b> )	
	High Balance Point	-17 to 75°F ( <b>50 °F</b> )	
	Smooth Setback Recovery	<b>Enabled</b> or Disabled	
	Heat Pump Balance Points	Enabled or <b>Disabled</b>	
	Staged Delay Timers	Enabled or <b>Disabled</b>	
	Heat Cool Stages Locked In	Enabled or <b>Disabled</b>	
	Lock In 2nd Stage Heat by . . .	<b>Off</b> /40°F/45°F/50°F/55°F	
	Temperature Control Mode	<b>Normal</b> / Comfort	
	O/B Terminal	<b>O (Cool)</b> / B (Heat)	
	Outdoor Unit Modulation	Third Party	
		Staged	
		Variable Capacity	
	Residual Cool	<b>None</b>	
		30 Seconds	
		60 Seconds	
		90 Seconds	
120 Seconds			
Fan Delay (5 minutes)			
External Air Response Logic	<b>Enabled</b> or Disabled	 Monitors the thermostat during demand to correct temperature measurement discrepancies caused by the internal heat generated by the thermostat itself. Also monitors airflow around the thermostat during demand for more accurate temperature measurement and operation.	
Screen Saver	Off/ <b>Power Save</b> /Dim		
Wide Setpoint	<b>Off</b>		
Reset Icon	Factory Reset		

## DEALER SERVICE CENTER - INSTALLER SETTINGS (THERMOSTAT)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!  
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE PAGE 2.**

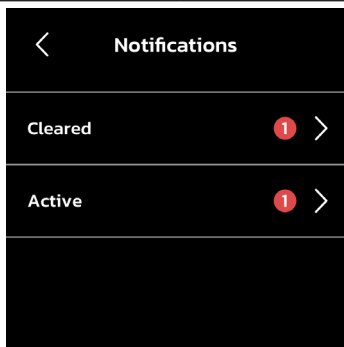
### NON-COMMUNICATING EQUIPMENT

<b>Indoor</b>	1 Stage Electric Heat	About	Model Number	---	
			Serial Number		
	2 Stage Electric Heat	About	Model Number		
			Serial Number		
	1 Stage Electric No Heat	About	Model Number		
			Serial Number		
	1 Stage Gas	About	Model Number		
			Serial Number		
	2 Stage Gas	About	Model Number		
			Serial Number		
<b>Outdoor</b>	1 Stage AC Unit	About	Model Number	---	
			Serial Number		
			O/B Terminal		<b>O (Cooling)</b> or B (Heating)
	2 Stage AC Unit	About	Model Number		
			Serial Number		
			O/B Terminal		<b>O (Cooling)</b> or B (Heating)
	1 Stage Heat Pump	About	Model Number		
			Serial Number		
			Heat Pump Balance Points		<b>Disabled</b> or <b>Enabled</b>
			High Balance Point		-17 to 75°F ( <b>50 °F</b> )
			Low Balance Point		-20 to 72°F ( <b>25 °F</b> )
			O/B Terminal		<b>O (Cooling)</b> or B (Heating)
	2 Stage Heat Pump	About	Model Number		
			Serial Number		
			High Balance Point		-17 to 75°F ( <b>50 °F</b> )
			Low Balance Point		-20 to 72°F ( <b>25 °F</b> )
			Heat Pump Balance Points		Enabled or <b>Disabled</b>
			O/B Terminal		<b>O (Cooling)</b> or B (Heating)
Restore to Default Icon					
<b>Add/Remove Equipment</b>	Indoor		Change existing equipment. See Indoor/Outdoor selections above.		
	Outdoor				
<b>Reset</b>	Restart Thermostat		Restarts Thermostat.		
	Reconfigure System		Resets existing outdoor/indoor units and settings.		
	Factory Reset		Reset to factory default settings.		

## DEALER SERVICE CENTER - INSTALLER SETTINGS (THERMOSTAT)

**NOTE - INSTALLER SETTINGS SHOWN ARE ON THE THERMOSTAT ONLY!  
ADDITIONAL SETTINGS ARE AVAILABLE ON THE LENNOX® SMART TECH APP. SEE PAGE 2.**

### NOTIFICATIONS



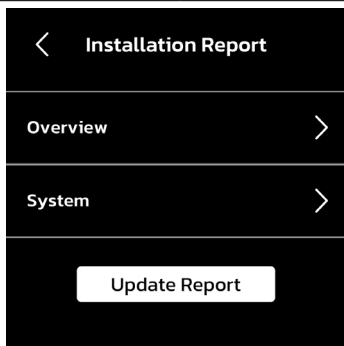
Provides information for active and previous (cleared) notifications. When selecting either a cleared or active notification a brief description and alert code will be displayed.

Notifications are color-coded to display - Urgent (red), Service Soon (orange) and maintenance (yellow)


To expand a notification for more details of the alert code, tap the arrow to expand the description.


Tap the **Cleared** Icon to move the notification to the cleared area.


### INSTALLATION REPORT




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

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

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

 Tap the different selections to view the individual information screens.

Update Report Icon

 Installer can generate a PDF file of the report to Email to a homeowner. Reports are available at [www.LennoxPros.com](http://www.LennoxPros.com).

### INFORMATION


#### Information Screen

Displays Dealer Information and General Settings from the Initial Setup Screen.

 See page 14.

### EXIT DEALER SERVICE CENTER

Yes/**No**

 Returns to the Home Screen.

## SPECIFICATIONS

**NOTE** - For use with residential equipment only.

Order No. - **30L27**

### Temperature Setting Range

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

### Power Supply

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

### Clock Accuracy

- ± 10 minutes per year

### Dimensions

- Thermostat (H x W x D) - 3-5/16 x 4-5/16 x 7/8 in. (84 x 110 x 22 mm)
- Wallplate (W x H) - 5-3/4 x 4-1/2 in. (146 x 114 mm)

### Backup

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

### Terminals

Spring-loaded or screw type terminals for easy connections.

- R - 24VAC power
- Y1 - 1st Stage Cooling or 1st Stage Heat Pump
- Y2 - 2nd Stage Cooling or 2nd Stage Heat Pump
- W1 - 1st Stage Heat (Non Heat-Pump) or 1st Stage Auxillary Heat/Emergency Heat (Heat Pump)
- W2 - 2nd Stage Heat (Non-Heat Pump)
- G - Fan
- O/B - Reversing Valve (Cooling/Heating)
- C - Common 24VA

**NOTE** - Terminal settings are configured in advance settings > terminal settings.



Visit us at [www.Lennox.com](http://www.Lennox.com)

For the latest technical information, [www.LennoxPros.com](http://www.LennoxPros.com)

Contact us at 1-800-4-LENNOX

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

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