Lennox® Wireless Extender
(22V26)

Lennox® Smart Room Sensor
(22V25)

Lennox® Smart Devices

Installation and Setup Guide

508227-02 05/2023

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⚠ CAUTION

Electrostatic discharge can affect electronic components. Take precautions during unit installation and service to protect the unit's electronic controls. Precautions will help to avoid control exposure to electrostatic discharge by putting the unit, the control and the technician at the same electrostatic potential. Neutralize electrostatic charge by touching hand and all tools on an unpainted unit surface before performing any service procedure.

⚠ IMPORTANT

Take care not to drop the sensor or extender during unpacking. Dropping either could result in damage to internal components which could render either unusable.

⚠ IMPORTANT

DO NOT paint any Lennox smart devices. Doing so could compromise functionality.

This guide can be used by both the technician to create the smart devices network and add, replace and remove Lennox Smart Room Sensors and Wireless Extenders.

The homeowner can also use this guide to add, replace or remove Lennox Smart Room Sensors and Wireless Extenders.

Shipping and Packing List

Please note that these products are sold separately.

LENNOX® SMART ROOM SENSOR (22V25)

Package 1 of 1 contains:

Parts	Quantity
Lennox Smart Room Sensor with two AA Lithium Batteries pre-installed	1
Sensor Stand	1
Wall Anchors	2
Screw #4 X 1.25 SMS	2
Wall Mounting Template	1
Warranty	1
Installer Quick Start Guide	1
Homeowner Quick Start Guide	1

Lennox® Wireless Extender (22V26)

Package 1 of 1 contains:

Parts	Quantity
Lennox Wireless Extender	1
Warranty	1
Installer Quick Start Guide	1
Homeowner Quick Start Guide	1

IMPORTANT

Information concerning thermostat smart devices user screens are listed in the Lennox S40 User Guide.

Introduction

The Lennox® S40 Smart Thermostat's smart devices network will **support up to nine (9) smart devices simultaneously**. The maximum supported smart devices per smart devices network is:

- Six (6) Lennox® Smart Room Sensors
- Two (2) Lennox® Wireless Extenders
- One (1) Lennox® Smart Air Quality Monitor

NOTE: *The Lennox Smart Air Quality Monitor Installation and Setup Guide is included with that product.*

If the homeowner has multiple S40 thermostats in the home, then each thermostat can support up to nine (9) smart devices simultaneously in the configuration as listed above for each individual thermostat.

Hardware

- ***Lennox® S40 Smart Thermostat*** hosts the smart devices network.
- ***Lennox® Smart Room Sensor*** is used for temperature averaging with up to a maximum of six (6) Smart Room Sensors supported per a single smart devices network.
- **Lennox®** ***Wireless Extender*** is used to extend the smart devices network with up to a maximum of two (2) wireless extenders supported per a single smart devices network.

Software Applications

- ***Lennox® Smart Technician App*** is used by the technician to create the smart devices network and to manage all Lennox smart devices. This application is available for both IOS 11.0 or higher (App Store) and Android 9.0 or higher (Google Play).
- ***Lennox® Smart Thermostat App*** is used by the homeowner to add or remove smart devices only

after the technician has created the smart devices network using the Lennox Smart Technician App. In addition the homeowner can manage the temperature averaging feature as well. This application is available for both IOS 11.0 or higher (App Store) and Android 9.0 or higher (Google Play).

Smart Devices Overview

Lennox Smart Room Sensor

- This device collects room temperature, humidity and occupancy status and passes this information to the S40 Smart Thermostat.
- When replacing batteries it is highly recommended to always use lithium batteries. When using lithium batteries the estimated battery life is two years.
- Maximum unobstructed view of smart device signal under ideal conditions is 70 feet (21.3 meters). Maximum range could be affected by the number of walls or floor and other obstacles which the signal has to penetrate.
- Maximum unobstructed distance for the occupancy sensing capability is 20 feet (6.1 meters) and maximum width pattern of 110º at a mounting height of five (5) feet (1.5 meters) from the floor.
- The thermostat uses an algorithm to calculate average room temperature based on room occupancy / temperature sensor input along with the thermostat's built-in sensors.

$$T_{Average} = \frac{T_{thermostat} + T_{Room\ Sensor}}{N+1}$$

Where N is the number of smart room sensors installed.

- The Smart Room Sensor sends data to thermostat in 2 to 20 minute intervals to preserve battery life. The update rate is faster if rapid temperature changes are detected. Otherwise, the average sampling rate is every two minutes and a transmission rate is every 30 minutes.

NOTE: *It could take 2-10 minutes to report initial temperature data after adding the smart device to the smart devices network. The farther the smart device is from the S40 Thermostat, the longer it may take.*

- ***Dimension***: 4" x 5.5" x 3" (102 x 140 x 76 mm)
- Weight: 4.24 ounces (120 grams) without batteries installed.
- ***Temperature Range***:
  - » Display on thermostat: 40 to 100°F (5 to 37°C)
  - » Sensitivity: +- 1°F (+- 0.5°C)
  - » Operating range: 32 to 130°F (0 to 55°C)

- ***Humidity Range***:
  - » Display on thermostat: 20% to 90% RH
  - » Operating range: 5% - 95% RH (non-condensing)
  - » Sensitivity of +- 5%

⚠ IMPORTANT

The Lennox Smart Room Sensor is not a zoning product and will not solve problems related to poor duct work and incorrect equipment sizing.

Lennox Wireless Extender

- Extends the effective smart devices network range.
- Powered by 120VAC outlet.
- Dimension: 4" x 5.5" x 2.5" (102 x 140 x 64 mm)
- Weight: 4.24 ounces (120 grams)

Installation Considerations

Smart Room Sensor

If at all possible it is recommended that all Smart Room Sensors are installed on a wall. This ensures the device will not be lost or accidentally damaged.

Consider placement when addressing the occupancy sensor detection pattern (see *page 19).*

If used with the provided stand, it is recommended that the Smart Room Sensors is placed on a book-shelf or desk out of reach of children or pets.

Do not install the Smart Room Sensors where it can be affected by:

- Drafts or dead spots behind doors and in corners
- Exterior entrances or interior doors
- Heat generating equipment such as kitchen appliances
- Hot or cold air from ducts
- Radiant heat from sun or appliances
- Direct sunlight
- Concealed pipes and chimneys
- Non-conditioned areas such as an outside wall behind the sensor

Another consideration is smart device signal strength interference by physical objects and materials. The type and thickness of the material can affect how much interference is induced. One or more of the following can interfere with the smart device signal:

- Large metal objects and appliances like filing cabinets, metal doors, and refrigerators.
- Floor and ceiling plenum spaces featuring joists, plumbing, duct work, and other materials.

- Plaster, concrete, and specialty glass such as bulletproof or shatterproof glass.
- Water, brick, and marble materials.
- Wood, glass, and synthetic materials like plastic.

The Smart Room Sensors will indicate if adequate signal strength is present (see *"Table 1. Sensor - Three Color Descriptions" on page 8*). In case of a weak signal, the Lennox Wireless Extender can be used to improve the smart room sensor's signal strength and thus limit the impact of interference by these sources.

Wireless Extender

Considerations are the same as for the Smart Room Sensor plus a wall outlet in a optimal location for best performance.

Downloading Lennox Smart Applications

Scan the QR codes listed as follows to download the specific application you desire.

Lennox Smart Technician App

Google Play (Android™)

App Store (iOS)

Lennox Smart Thermostat App

Google Play (Android™)

App Store (iOS)

Lennox Smart Devices Details

Smart Room Sensor

This section provides details on the Smart Room Sensor buttons, battery compartment, stand and light indicator locations.

Pairing/Factory Reset Button, Battery Compartment and Light Display Location

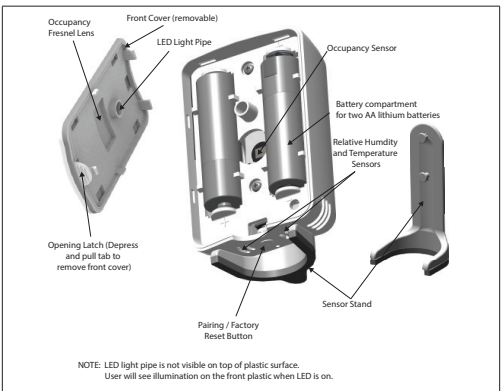


Figure 1. Sensor Light Indicator, Buttons, Sensor Vents, Battery Compartment Locations

Light Indicators

Table 1. Sensor - Three Color Descriptions

Function	Color	Description
Battery	RED	A flashing red light in one minute intervals indicates the battery is low (20%). When the red light is off it indicates battery life is good.
Signal Strength	BLUE	• A flashing blue light [once every one (1) minute] indicates the signal strength is low or connection to the thermostat is lost. • When the blue light is off it indicates signal strength is good and connected to the smart device network.
Pairing	GREEN	• When batteries are inserted into a new or unpaired device the unit will automatically go into pairing mode (flashing green light). The unit will stay in pairing mode for three (3) minutes. To restart pairing mode, press the pairing button for two (2) seconds. • When a device has been paired to the thermostat and new batteries are installed, the unit will flash a green light three times after powering up.

Table 1. Sensor - Three Color Descriptions

Function	Color	Description
If more than two conditions are active simultaneously, for example low battery and weak signal, the light will alternate back and forth between blue and red in one (1) second intervals.		

See *"Smart Devices Thermostat Alert Codes" on page 22* for a complete list of alerts applicable to the Smart Room Sensor and Wireless Extender that are generated by the Lennox S40 Smart Thermostat.

Battery Power

Two lithium batteries are pre-installed. Removing the battery insulation tape will allow Lennox Smart Room Sensor to be powered up.

⚠ IMPORTANT

When replacing the batteries, use ONLY lithium batteries. Using any other type of battery is not recommended and will reduce operational duration significantly.

Wireless Extender

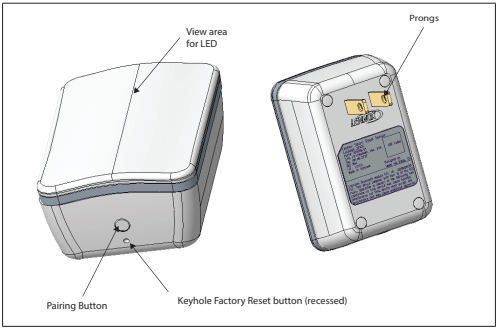


Figure 2. Wireless Extender Buttons and Light Indicator

Light Indicators

NOTE: *The light on the device is only on when there is an issue with signal strength or during pairing mode.*

See *"Smart Devices Thermostat Alert Codes" on page 22* for a complete list of alerts applicable to the device that are generated by the S40 thermostat.

Table 2. Wireless Extender Light - Two Color Descriptions

Function	Color Light	Description
Signal Strength	BLUE	• A solid blue light indicates the signal strength is low or connection to the thermostat is lost. • When the blue light is off it indicates signal strength is good and connected to the smart devices network.
Pairing	GREEN	• When a paired Wireless Extender is powered up, it will flash green three (3) times. • When an unpaired Wireless Extender is powered up, it will flash green for three (3) minutes, which indicates the units are in pairing mode.

Outlet Line Power

The device is powered by an 120VAC outlet.

Applying Power to the Smart Devices

Smart Room Sensor

1. Press and pull tab to remove smart room sensor front cover (see *"Figure 1. Sensor Light Indicator, Buttons, Sensor Vents, Battery Compartment Locations" on page 8* for details).
2. Remove the insulation tape located between the battery and the sensor's positive (+) terminal (see *"Figure 3. Insulation Tape Removal" on page 10).*

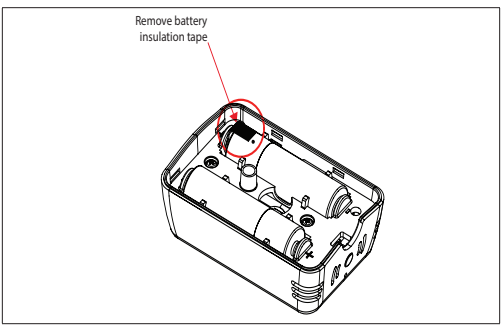


Figure 3. Insulation Tape Removal

Once insulation tape is removed the unit will automatically go into pairing mode (flashing green light). The

unit will stay in pairing mode for three (3) minutes. To restart pairing mode, press the pairing button for two (2) seconds.

Wireless Extender

Plug the extender into a 120VAC power source. A flashing green light on the device will indicate it is in pairing mode.

Adding Smart Devices to Thermostat Smart Devices Network

Considerations

1. Only the ***S40 Smart Technician App*** can be used to create the smart devices network. Both ***S40 Smart Technician*** and ***Smart Thermostat Apps*** can be used to add/remove sensors.
2. When adding or removing the smart devices the ***S40 Smart Technician*** or ***Smart Thermostat Apps*** (mobile device) will need to be within 10 feet (3 meters) of the thermostat.
3. If the smart device just added does not appear under the (***Equipment List*** or ***My Home***) screens, then allow a few minutes to past before checking again.
4. Do not switch back-and-forth between your mobile device's screens during the adding or removing procedure.
5. If one of the following conditions occur when adding a battery powered smart device:
   - Smart device does not appear under Equipment List or My Home Screens.
   - Smart device appears on both screens but configuration details are missing in the device's details screen.

   It is possible that the battery operated smart device may have gone into sleep mode. If this occurred then updated information could take between 2 to 10 minutes to refresh the device's screen information.
6. If adding a smart device which will be out of direct range of the thermostat and will connect via a ***Lennox Wireless Extender***, then the ***Lennox Smart Technician or Thermostat Apps*** do not require the user's mobile device to be near the thermostat for the adding or removing procedure.
7. Always give each smart device a unique name.
8. After removing a functional smart device, make sure to perform a factory reset.
9. In case the adding procedure fails, then always perform a factory reset on the smart device before trying to add it again.

⚠ IMPORTANT

Only one smart device can be paired at a time.

Using the Lennox Smart Technician App

Creating the Smart Devices Network

The Lennox S40 Smart Thermostat must have already been commissioned before the smart devices network can be created and adding any smart devices.

⚠ IMPORTANT

The first device must be added by the technician in order to create the smart devices network.

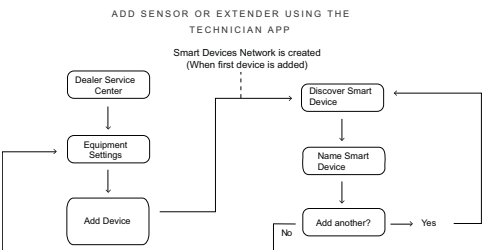


Figure 4. Creating Smart Devices Network and Adding Smart Devices Using the Lennox Smart Technician App

Adding Devices

1. Open the ***Lennox Smart Technician App*** on your mobile device and select your language.
2. From the S40 thermostat home screen, go to **Menu** > **Settings** > **Advanced Settings** > **View Support Service Control Center** and select ***Connect to Lennox Smart Technician App***.
3. Once the connection between the ***Lennox Smart Technician App*** and the S40 is established, then from the Technician App ***Dealer Service Center*** screen select ***Equipment Settings*** > ***Add Devices***.
4. Follow the on screen prompts to create the smart device network and add a smart device.

⚠ IMPORTANT

DO NOT interrupt the adding of the device. If interrupted the device will need to be factory-reset.

Using the Lennox Smart Thermostat App

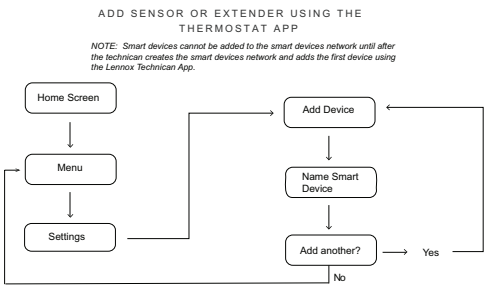


Figure 5. Adding Smart Device Using the Lennox Smart Thermostat App

NOTE: *The **Lennox Smart Thermostat App** must be connected to the thermostat to perform the following procedure.*

IMPORTANT

The first device must be added by the technician in order to create the smart devices network. Afterwards the homeowner can add or remove devices using the Lennox Smart Thermostat App.

1. Open the ***Lennox Smart Thermostat App*** and from the home screen select **Menu** in the upper left-hand corner of the screen.
2. Under **System** select **Settings**.
3. Under **Devices** select **Add Devices**.
4. Follow the screen prompts for adding a sensor or extender to an existing sensor network.

NOTE: *When naming smart devices no blank spaces or special characters are allowed.*

Smart Devices Installation

Smart Room Sensor

Placement

- Locate the desired location for the Smart Room Sensor.
- If the Smart Room Sensor is out of range of your S40 thermostat (approximately 70 feet (21.3 meters) a blue light on the device will indicate so with the blue light flashing every five (5) minutes)

and a message will be displayed for the device on the My Home menu option.

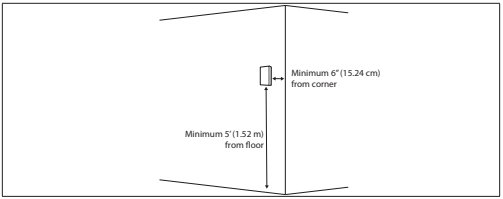
- Move device closer to the S40 thermostat or add an ***Lennox Wireless Extender*** between the sensor and thermostat.
- For wall placement, install room sensor at a minium height of 5 feet (1.52 meters) on an interior wall. See *"Wall Mounting" on page 15* for illustration example.
- Use the provided wall template when mounting sensor to the wall.
- For sensor desktop/table placement use the provided stand.
- For effective temperature sensing, mount the sensor in a location enabling it to sense the general room environment. The sensor must NOT be:
  - » Blocked from normal air circulation by obstructions (e.g., behind curtains or cubicle walls).
  - » Exposed to artificial heat sources (e.g., lights, computers, copiers, or coffee makers) or to sunlight (at any time of the day).
  - » Exposed to direct sunlight.
  - » Exposed to drafts from windows, doorways, diffusers, or returns.
  - » Exposed to air flow through the conduit (e.g., from leaks in plenum ducts) or other holes into the wall cavity.
  - » Mounted on an exterior wall.
  - » Mounted on or near a large thermal mass (e.g., a concrete block wall).

NOTE: *The above factors primarily affect temperature sensing, but some also affect accurate humidity and occupancy sensing as well.*

  - » If the device is out of range of your S40 thermostat a blue light will turn on.
- For effective occupancy detection, determine a location that will maximize the area of detection in a room.
  - » The smart room sensor occupancy detection function has a 100 degree horizontal span and a 32 degree vertical span. Improper placement may limit the area of occupancy detection for the sensor.
  - » Large rooms may require more than one sensor to ensure occupancy detection. Please see *"Figure 9. Occupancy Sensor Detection Pattern Examples" on page 19* for examples of optimal mounting locations for the smart room sensor.

Wall Mounting

1. Confirm that the desired smart room sensor location has good signal strength.
2. Select wall location for sensor installation.

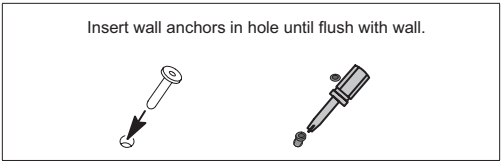


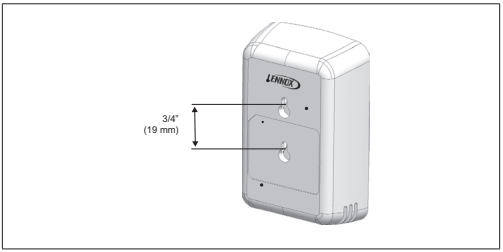
3. Use the provided wall template along with a field-provided leveler tool for proper horizontal alignment on the wall before marking the mounting holes.

NOTE: *The distance between the mounting points is 3/4" (19mm).*

4. Use the provided screws and wall anchors (for drywall applications) if needed.

NOTE: *Screw depth adjustments may be required in order to accommodate a snug fit for the sensor when attaching to the wall.*





Using Smart Room Sensor Stand

If the stand is used, then the smart room sensor should be placed out of reach of children or pets. Possible locations can include a book shelf or a desk. Wall mounting the sensor is preferred to avoid potential loss of or damage to the smart room sensor.

Wireless Extender Installation

- Place the wireless extender mid-point if possible between the thermostat and the furthest smart room sensor.

- If the wireless extender is out of range of the thermostat, a solid blue light on the device will indicate so.

Smart Devices Management

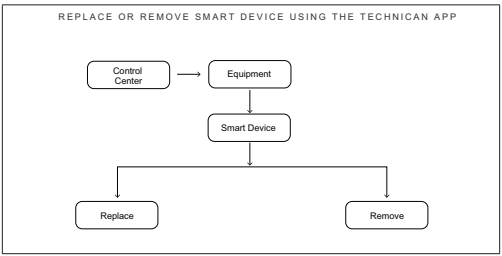


Figure 6. Replace or Remove Smart Devices using the Lennox Smart Technician App

Remove or Replace Smart Devices

IMPORTANT

It is important that at least one smart device needs to be paired to the smart devices network. Removing all devices will deactivate the smart devices network. Creating a new network will have to be accomplished by your installer.

Using the Lennox Smart Technician App

To replace the installed device from the Lennox S40 Smart Thermostat, use the following procedure:

1. Pair the ***Lennox Smart Technician App*** to the thermostat**.**
2. Go to **Dealer Service Center > Equipment Settings > Devices**.
3. Select the smart room sensor or wireless extender to remove or replace and follow the screen prompts.

To reuse the device that was just replaced, perform a factory reset (see *"Performing Smart Device Factory Reset" on page 17)*.

Using the Lennox Smart Thermostat App

1. Confirm your ***Lennox Smart Thermostat App*** account has been setup and thermostat added to it.
2. Go to **Menu** > **System** > **Settings** > **Devices**.
3. Select the smart room sensor or wireless extender to remove or replace and follow the screen prompts.

NOTE: *Instructions are provided in detail on the screens to provide instructions on how to proceed.*

To reuse the device that was just replaced, perform a factory reset (see *"Performing Smart Device Factory Reset" on page 17)*.

Performing Smart Device Factory Reset

Use the following procedure to perform a factory reset if the device being removed is operable.

1. Press and hold the **Pairing** button for ten (10) seconds.
2. If successful a flashing green light will appear on either device. This indicates the devices can be paired again to a smart device network.

Cycling Power for Troubleshooting

Use the following procedures to cycle power:

1. **Smart Room Sensor**: To cycle power on the sensor, remove the sensor batteries and then reinstall them.
2. **Wireless Extender**: To cycle power on the wireless extender, unplug the device from the wall outlet and then reinstall.

Occupancy Detection Feature for Temperature Averaging

Enabling Room Averaging using Occupancy Detection

The following two features can be set using either the thermostat or ***Lennox Smart Thermostat App*** using the system setting screen.

From the home screen, go to **Menu** > **System** > **Settings** > **Current Temperature**.

Figure 7. Thermostat - Current Temperature Screen

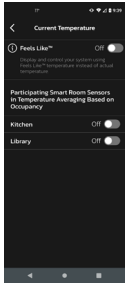


Figure 8. Smart Thermostat App - Current Temperature Screen

Occupancy Sensor Setting

The occupancy detection feature is built into every sensor. The settings are as follows:

- **OFF** - When the occupancy feature is turned **OFF**, the thermostat will always include the sensor in temperature averaging.
- **ON** - When the occupancy feature is turned **ON**, the thermostat will only include the sensor in temperature averaging if the room is **occupied**.

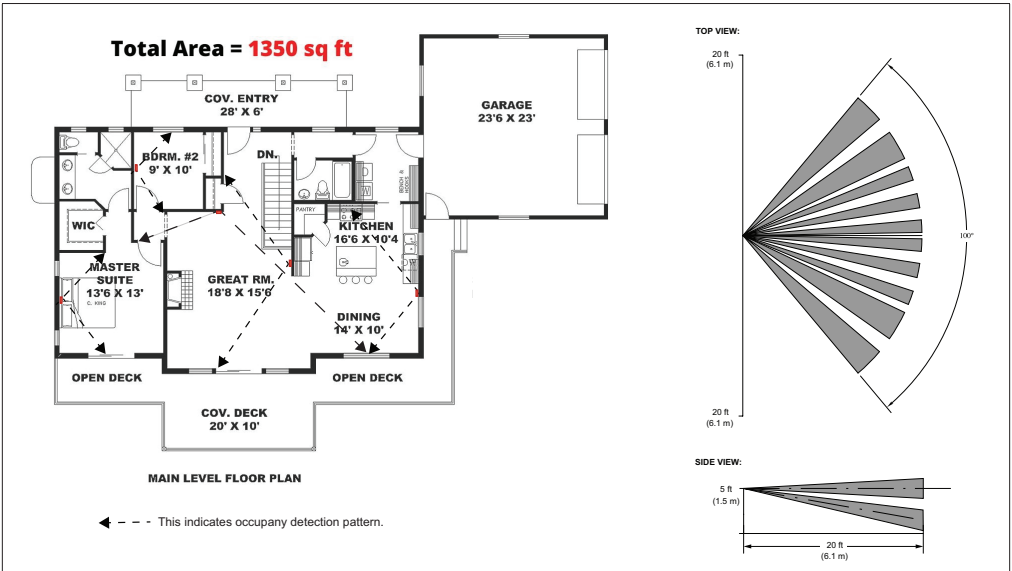


Figure 9. Occupancy Sensor Detection Pattern Examples

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 S40 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.

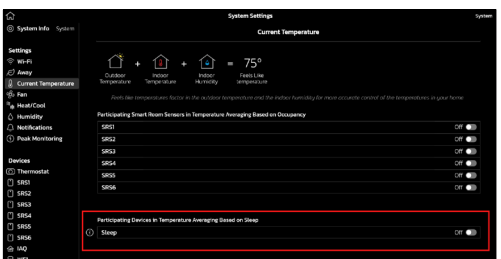


Figure 10. Thermostat - Sleep Mode Feature

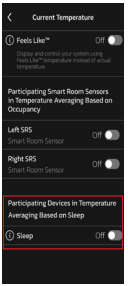


Figure 11. Smart Thermostat App - Sleep Mode Feature

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 (see Figure 12).

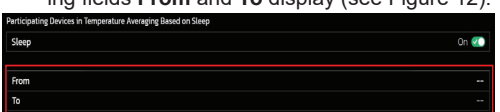


Figure 12. From and To Scheduling Fields

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

2. Click the double dash **--** in the **From** field. The Set Time dialog displays.

Figure 13. Set Time Dialog

3. Scroll to set the hour and minute to begin Sleep Mode.
4. Scroll to select between AM or PM and click **Set**.
5. Click the double dash in the **To** field.
6. Repeat steps 3 and 4 to set when the Sleep Mode ends.
7. Select the Smart Room Sensor(s) and/ or thermostat to participate in temperature averaging. The sensor(s) and Sleep Mode schedule display as confirmation of selections. See Figure 14.

NOTE: *At least one Smart Room Sensor must be* ***ON*** *in order to measure the current temperature.*

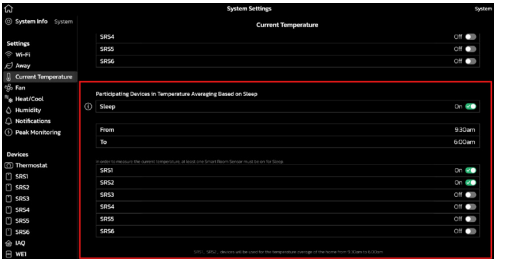


Figure 14. Thermostat - Sleep Mode Selections

Figure 14 shows Sleep Mode enabled, the Sleep Mode schedule, and the Smart Room Sensors that have been selected to function in Sleep Mode. Notice the selections are confirmed beneath the Smart Room Sensor list on the thermostat.

Smart Devices Thermostat Alert Codes

To access a more detailed description of the alert code, press the down arrow to expand the description.

- **Service Urgent** - Your system is in a No Heat/ No Cool or not operating condition. Dealer service call is needed to get the system running.
- **Service Soon** - System is not reaching set point or is partially operating. A Dealer will need to service it with 24-48 hours.
- **Maintenance** alerts are intervals in the thermostat as reminders to change filters, replace UV lamps, tune up systems.
- **Information Only Dealer -** System is operating normally. Collected thermostat data is accessible to Dealer as system history.

Table 3. Thermostat Smart Devices Alert Codes

Alert ID	Priority	Message	Troubleshooting	Clear Condition
70501	Service Soon	Custom Sensor Name: Internal Data Fault	Cycle power to the Smart Room Sensor (see *"Cycling Power for Troubleshooting" on page 17 for procedure)*.	After power cycle, wait for ten (10) minutes for self-clearing to take place, if condition is resolved for temperature and relative humidity. For occupancy sensor self-clearing will take forty-five (45) minutes.

Table 3. Thermostat Smart Devices Alert Codes

Alert ID	Priority	Message	Troubleshooting	Clear Condition
70502	Service Soon	Sensor: {Custom Sensor Name}: Internal Fault	Unable to access internal data. Cycle power to the Smart Room Sensor (see *"Cycling Power for Troubleshooting" on page 17 for procedure)*	After power cycle, wait for ten (10) minutes for self-clearing to take place, if condition is not resolved then replace Smart Sensor.
70503	Maintenance	Sensor: {Custom Sensor Name}: Low Battery - Change Batteries Soon	Battery percent equal to or less than 3%.	To clear, replace old AA lithium batteries with new AA lithium batteries.
70504	Maintenance	Sensor: {Custom Sensor Name}: 1% Battery - Change Batteries	Battery percent equal to or less than 1%.	To clear, replace old AA lithium batteries with new AA lithium batteries.

Table 3. Thermostat Smart Devices Alert Codes

Alert ID	Priority	Message	Troubleshooting	Clear Condition
80003	Service soon	XX: Lost communication with wireless Device	Smart device is connected to the network but has failed to send information within: • Ninety (90) minutes for battery powered devices. • Three (3) minutes for line powered units. Cycle power to the Smart Room Sensor (see *"Cycling Power for Troubleshooting" on page 17 for procedure* If cycling power does not resolve issue then: • Remove device from the smart device network. • Perform a factory reset of the device. See *"Cycling Power for Troubleshooting" on page 17* for procedure. • Attempt to add device back to smart device network.	If recycling power or factory reset does not resolve issue then replace device. Automatically clears when communications are restored.

Table 3. Thermostat Smart Devices Alert Codes

Alert ID	Priority	Message	Troubleshooting	Clear Condition
80004	Service soon	XX: {Custom Sensor Name} : Wireless Device Missing	Smart device is no longer connected to the wireless network. Verify the device has power (battery or line power) and connections are secure. Cycle power to the device. If cycling device power, does not resolve issue, then remove the smart device from the smart device network (see *"Performing Smart Device Factory Reset" on page 17).* Then perform a factory reset of the device (see *"Performing Smart Device Factory Reset" on page 17).* Re-install Bluetooth devices. Then add the smart device back to the smart device network.	*If smart device continues to drop connection then replace device* Automatically clears when the Wireless Bluetooth device connects to the network.
80005	Service soon	XX: Unknown Wireless Device Found.	Device has been discovered; however, it has not been connected to the wireless network. Add the wireless bluetooth device to the wireless network or remove the device from location.	Automatically clears when the smart device connects to the network.

FCC Compliance Statement

PART 15.19 This device complies with Part 15 of the FCC Rules. Operation is subject to the following four conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. FCC Interference Statement — PART 15.105 (B).
3. 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.
4. 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 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.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Lennox Smart Devices Troubleshooting

Condition	Resolution
Device is not functioning.	• Check for damage. • Check that power is available (good batteries for the Smart Room Sensor and verify there is power at the wall outlet being used for the Wireless Extender.
Device fail to respond to a command.	• Cycle power to the device. • Smart Room Sensor - To cycle power, remove the batteries and reinsert. • Wireless Extender - Unplug from the wall outlet and plug back in. • If cycling power does not resolve issue then: » Remove device from the smart devices network. » Perform a factory reset of any of the smart devices by pressing and hold the pairing button for ten (10) seconds. » Attempt to add device back to smart devices network.
Smart device not found during discovery process.	Smart device may be out of range, no power or the product is defective.
New smart device found during discovery process, but not available in installer provided list.	Cleared by technician. The ***Lennox Smart Technician App*** provides "add this unknown device in installer list" and sends it to thermostat.