



**RESIDENTIAL  
PRODUCT SPECIFICATIONS**

The Lennox® M30 is a Smart Wi-Fi-enabled, electronic 7-day, universal, multi-stage, programmable, touchscreen thermostat.

- Enhanced capabilities include:
  - Control for humidification / dehumidification / dewpoint measurement and control
  - Humiditrol® Enhanced Dehumidification Accessory (EDA)
  - Equipment maintenance reminders
  - Heat/Energy Recovery Ventilation (HRV/ERV) and fresh air damper control to meet ASHRAE 62.2 “Ventilation and Acceptable Indoor Air Quality in Residential Buildings”.
- Easy to read 4.3 in. color screen (measured diagonally)
- LCD display with backlight shows the current and set temperature, time, inside relative humidity, system status (operating mode and schedules) and outside temperature (optional outdoor sensor required)
- Touchscreen interaction
- Ergonomic design
- Smooth Setback Recovery starts system early to achieve setpoint at start of program period
- Compressor short-cycle protection (5 minutes)
- Real-time clock keeps time during power failures and automatically updates to daylight savings
- Maintenance reminders let user know when to service or replace filters, PureAir® metal insert, humidifier pads, ultraviolet lamps, plus one user or installer defined custom reminder
- Up to four separate schedules are available plus Schedule IQ™
- One-Touch Away Mode - A quick and easy way to set the cooling and heating setpoints while away
- Smart Away™ - Uses geo-fencing technology to determine when the homeowner is within a predetermined distance from the home to operate the system when leaving, away and arriving

Wi-Fi remote monitoring and adjustment through a home wireless network for desktop PCs, laptops and apps for smartphones or tablets.

Service alerts and reminders.



- Permanent memory storage of programs
- Wallplate furnished



**4 Heat / 2 Cool  
Universal Multi-Stage**

**HOME AUTOMATION**

- Amazon® Alexa-enabled
- Works with Google Assistant

**WARRANTY**

- Limited five years in residential applications

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

**APPROVALS**

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

**APPLICATIONS**

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

**CONTENTS**

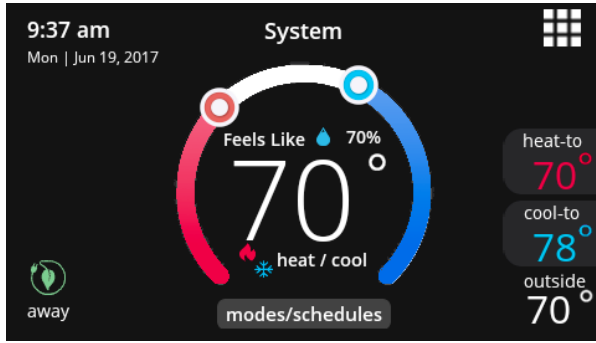
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## FEATURES

### USER SETTINGS


#### HOME SCREEN




 If screen is dark (screen saver on), touch screen to turn on the backlight.

#### Temperature Settings

- Large display of current inside temperature (°F or °C)
- Heating and Cooling Setpoint Indicators on the round animated temperature band
- Current cooling setpoint temperature Button (cool-to)
- Current heating setpoint temperature Button (heat-to)

 Touching the heat or cool setpoint indicators on the round temperature band, or touching the **heat-to** or **cool-to** buttons displays the heat or cool menu screens (see page 4).

 Both heating and cooling setpoint indicators on the round temperature band and the **heat-to** and **cool-to** buttons are displayed if System is set to Heat/Cool mode.

#### Current Outside Temperature

- Displays current outside temperature in °F or °C (optional Remote Outdoor Temperature Sensor or Internet connection required)

#### Time and Date Display

- Displays current time and date (supports daylight savings time changes)

#### Humidity Display

- Displays current inside relative humidity above current indoor temperature

#### Mode/Schedules

- Displays current system operating mode below current indoor temperature (heat/cool, heat only, cool only, active schedule or off)

 Touch to access **Modes/Schedules** screen. See page 3.


#### Menu Button



 Touch to display **menu** screen (see page 2).


#### Away Mode Button




 Touch to display **away mode** screen (see page 4).

#### System Status Icons


- Heating (system operating)
- Cooling (system operating)
- Humidification
- Dehumidification
- Ventilating
- Defrosting (heat pump only)
- Emergency Heat (emergency heat operating as main heating source)
- Aux Heat (supplemental heat operating)
- Timer (system delay)

 If the **timer icon** is displayed, it indicates an active system delay before cooling or heating operation begins.

- Ambient Lockout (heat pump only)
- Schedule

 Indicates that a schedule is running.

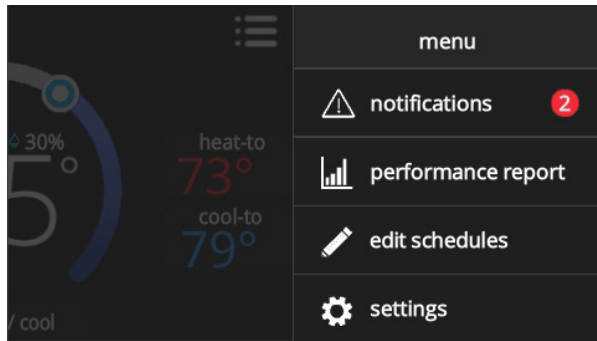
- Fan On
- Fan Auto
- Fan Circulate
- System Tests
- Setpoint Adjustment
- "Feels Like" Starting
- Schedule Hold
- Energy Savings (California only)
- Indoor Humidity Level


 Touching any icon will display the current operating status next to the icon.

## FEATURES

### USER SETTINGS (continued)

#### MENU SCREEN



 Touch each item to display the selected screen.

#### Notifications

- Displays system operating and service reminder messages (see page 5)

#### Performance Report


- See page 5

#### Edit Schedules

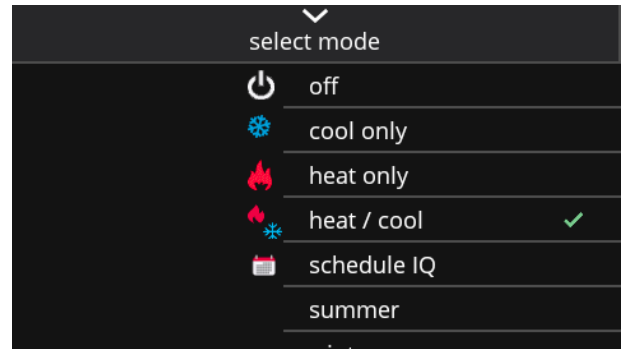
- See page 5


#### Settings

- Displays various user settings (fan, heat/cool, humidity, reminders, general, display) (see page 5)

 Touch left side of screen to return to the Home Screen.

#### MODES/SCHEDULES SCREEN




 Touch **modes/schedules** on home screen under current operating mode to access screen.


Select to operate a specific mode or schedule.


#### Select Mode

- Off Button
- Cool Only Button
- Heat Only Button
- Heat/Cool Button
- Emergency Heat Button (heat pump systems only)
- Schedule IQ

 If additional schedules are available they will be displayed.

- On
- Auto
- Circulate

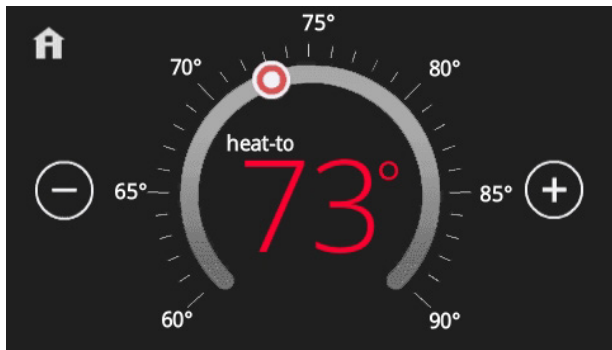
 A checkmark indicates which mode is active.

 Scroll down to see all modes available on the screen.

## FEATURES

### USER SETTINGS (continued)

#### HEAT MENU SCREEN



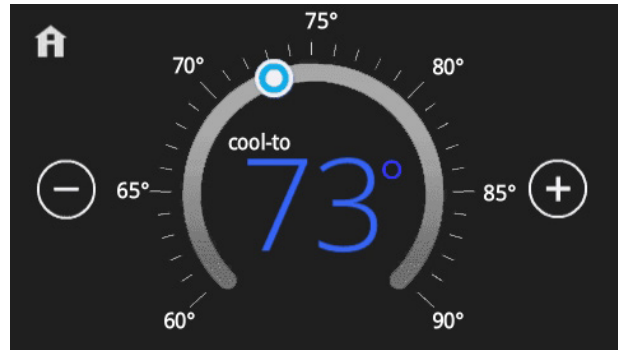
On the Home Screen, touching the heat setpoint indicators on the round temperature band, or touching the **heat-to** button displays the heat menu screen.

- Heating setpoint display
- Heating Setpoint Indicator on the round temperature band
- Plus (+) and Minus (-) buttons
- Home button (return to Home Screen)

Touch the red heat setpoint indicator on the round temperature band, or touch the **plus** or **minus** buttons to change the heating setpoint in one degree increments.

During a scheduled time period, touching either the setpoint indicator on the temperature band or the heat-to button will initiate a **schedule hold** (see page 8)

#### COOL MENU SCREEN



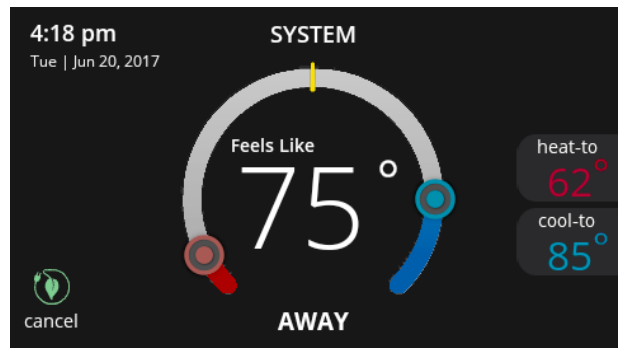
On the Home Screen, touching the cool setpoint indicators on the round temperature band, or touching the **cool-to** button displays the cool menu screen.

- Cooling setpoint display
- Cooling Setpoint Indicator on the round temperature band
- Plus (+) and Minus (-) buttons
- Home button (return to Home Screen)

Touch the blue cool setpoint indicator on the round temperature band, or touch the **plus** or **minus** buttons to change the cooling setpoint in one degree increments.

During a scheduled time period, touching either the setpoint indicator on the temperature band or the cool-to button will initiate a **schedule hold** (see page 8)

#### AWAY SCREEN



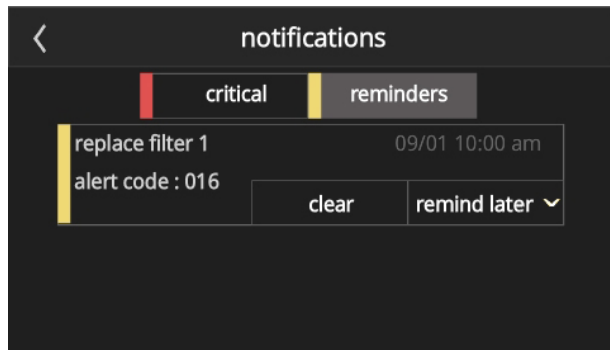
- Set heating or cooling setpoints during unoccupied periods
- Heating and Cooling Setpoint Indicators on the round temperature band
- Current cooling setpoint temperature Button (cool-to)
- Current heating setpoint temperature Button (heat-to)
- Cancel Away Mode Button

Touch **cancel away** button to end away mode and return to current system operation.


## FEATURES

### USER SETTINGS (continued)

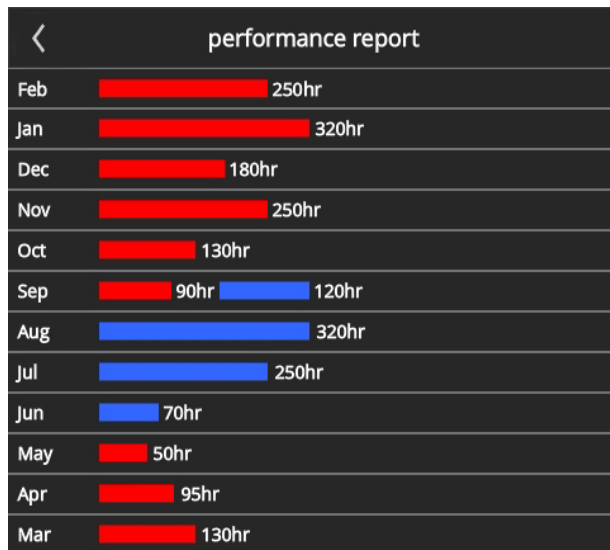
#### NOTIFICATIONS SCREEN



- Displays faults, errors and service information

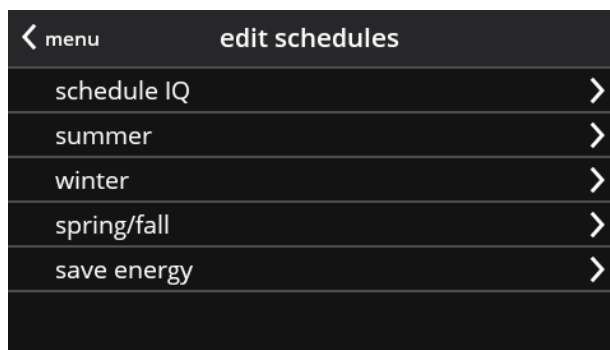
 If any faults, errors, or service information appears, buttons are displayed underneath the notification, **remind**, **clear**, **service**, or **reset**. Touch to select the desired action.

#### PERFORMANCE REPORT SCREEN




- Displays the number of hours each month the system has been operating in heating mode (red) or cooling mode (blue) in an easy-to-read graph


#### EDIT SCHEDULES SCREEN




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


 Touch the Menu icon on the Home Screen and select **Edit Schedules** to access the schedules screen.


- Schedule IQ™
- Summer
- Winter
- Spring/Fall
- Save Energy (see page 17)


 **Schedule IQ™** schedule determines when to operate the system based on individual “home day”, “home night”, “away” times and temperature settings.

 Touch a schedule name to edit individual schedule.


- Select Days
  - Individual Days (Monday, Tuesday, etc.)
  - Week/Weekend (Monday-Friday and Saturday-Sunday)
  - All Days
- Select Mode Button
  - Heat/Cool
  - Heat Only
  - Cool Only

 Touch days selected to adjust individual times and temperatures.

 Touch each time period and select **delete period** if you want to remove a time period. You can remove all time periods except one if desired.

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

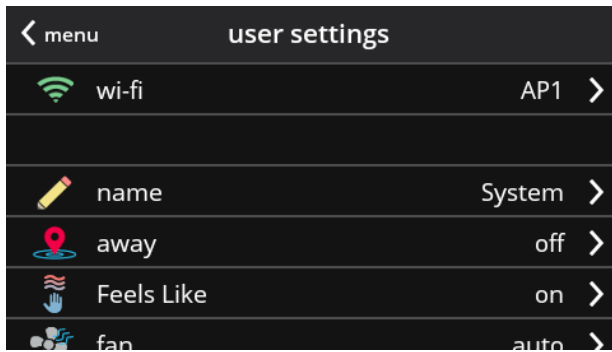
- Set Time (4 time periods per day)
- Individual Sliders to adjust cooling (blue) and heating (red) temperatures for each time period (*Adjustable 60 to 90°F*)
- Fan Icon
  - On
  - Auto
  - Circulate
- Rename

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

- Restore Defaults button resets schedules to factory settings


## FEATURES

### USER SETTINGS (continued) SETTINGS (USER SETTINGS) SCREEN

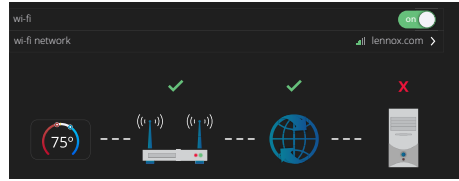


Access to all user settings

- Wi-Fi
- Name
- Away
- Feels Like™
- Fan
- Heat/Cool
- Humidity
- Notifications
- Advanced Settings (Installer Settings)
- General
- Display
- Home Info
- Account


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


### WI-FI SCREEN





A graphical representation of the home network showing the connection status from the High Definition Display to the Smart Hub to the Internet to the Lennox server.

- Wi-Fi (on/off)
- Wi-Fi Network

 Touch **wi-fi network** to see a list of available networks or to add a network connection not shown (other). Also displays network status (secured/unsecured), strength.

 Touch the **i** button for additional information about a particular network (name, SSID, security, RSSI, etc.).

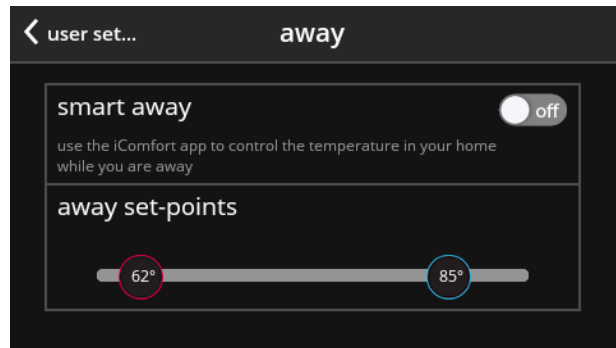
 Touch a particular network ID to connect to that network. Enter password to connect.

 A red "X" means that there is an issue with a connection point that must be resolved.

### NAME

- Enter system name (Home 1, Home 2, etc) using the keyboard tool

### AWAY SCREEN



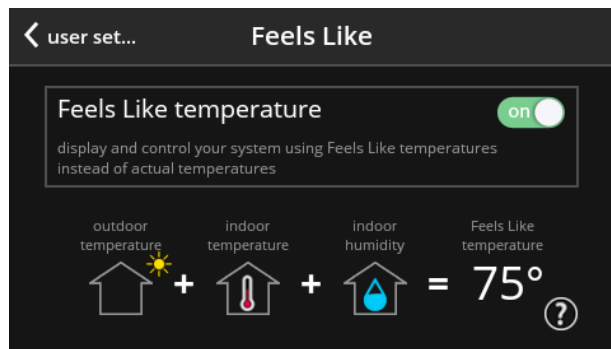
Controls the temperature in the home while away.

- Smart Away™ On/Off (use the Lennox mobile app to control temperature in the home while away)
- Reset Smart Away (turns off all mobile devices)
- Away Setpoints  
(60 to 90°F, **62°F heating** and **85°F cooling**)

## FEATURES

### USER SETTINGS (continued)

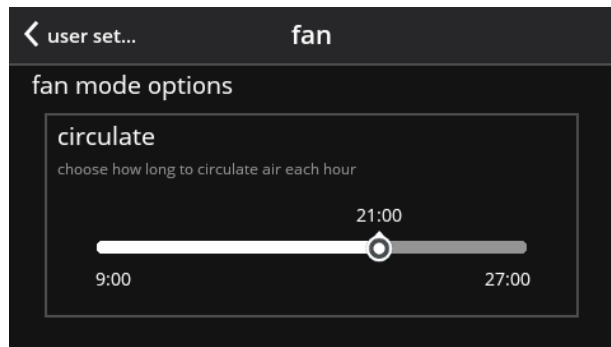
#### FEELS LIKE SCREEN



Accurately controls temperature in the home by determining the “feels like” temperature based on outdoor temperature, indoor temperature plus indoor relative humidity.

- On/Off

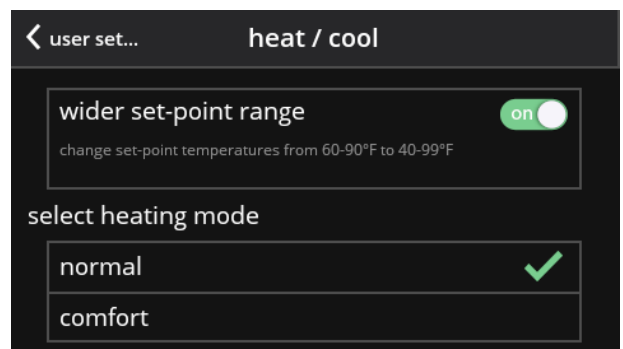
#### FAN SCREEN



Set how long to circulate the air each hour.

- Circulate  
(9 to 27 minutes, **21 minutes**)

#### HEAT/COOL SCREEN



Adjustments for heating and cooling setpoints, auxiliary heat, safety protection and other settings.

Depending on system mode setting, **heat/cool, heat only or cool only** is displayed in the User Settings.

Wider Setpoint Range

Control heating and cooling temperatures with a wider setpoint range

- On/Off  
(Changes temperature range from 60-90°F to 40-99°F)

Select Heating Mode (Heat Pump Systems Only)

- Normal (heats home to desired temperature)
- Comfort (2-stage heating or cooling, 2nd stage is locked in until demand is satisfied)

Auxiliary Heat (Heat Pump Systems Only)

- On/Off
- Allows auxiliary heat operation if temperature drops below set balance point  
(-20 to 75°F, adjustable)

Selecting **Auxiliary Heat** displays a slider to adjust balance point levels.

Safety Protection

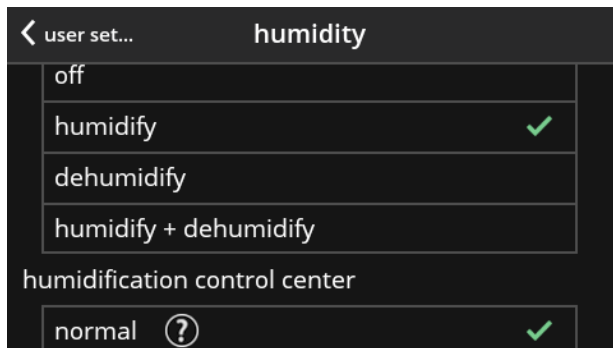
- Safety Protection  
(30 to 100°F, adjustable)

**Safety Protection** alerts the homeowner if the house is too cold or hot.

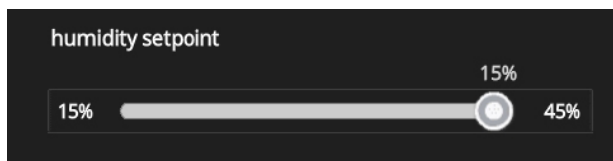
## FEATURES

### USER SETTINGS (continued)

#### HUMIDITY SCREEN



- **Off**
- Humidify
  - Setpoint - **45%** adjustable RH (15 to 45%)
- Dehumidify
  - Setpoint - **50%** adjustable RH (35 to 60%)
- Humidify + Dehumidify



☐ Selecting **humidify** or **dehumidify** displays a slider to adjust the desired levels. Selecting **humidify + dehumidify** displays a slider to adjust both levels (humidification-left, dehumidification-right).

☐ **Dewpoint** setting is only available with optional remote Outdoor Temperature Sensor (-15 to 15%, adjustable, **0%**).

☐ **Humidification Control Center**  
**normal** setting is recommended for moderate climates. Operates the humidifier when there is a call for heating and humidification.  
**max** setting is recommended for drier climates. Operates the humidifier when there is a call for humidification only.

#### VENTILATION

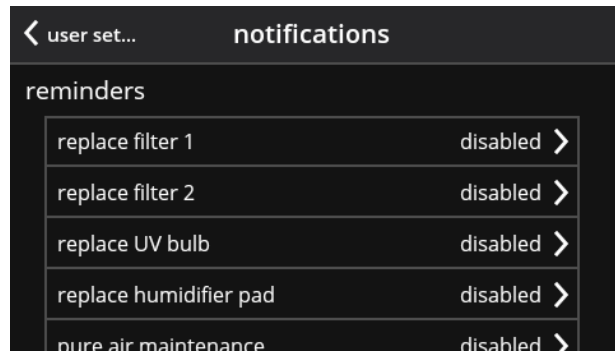
For HRV, ERV or Fresh Air Damper option. See page 12.

- **ASHRAE**
- On (always)
- Off (always)
- Ventilate Now (ASHRAE and On settings)
  - Program in 10 minute increments up to 1 hour and then 30 minute increments up to 4 hours or set Custom time

☐ ASHRAE setting meets ventilation requirements for ASHRAE 62.2 "Ventilation and Acceptable Indoor Air Quality in Residential Buildings".

☐ Touch **custom** to access the **Set Time Tool** screen to input custom time settings.

#### NOTIFICATIONS SCREEN



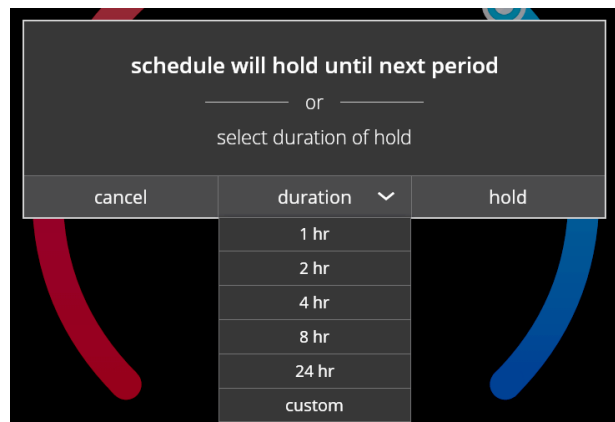
- Replace Filter 1
- Replace Filter 2
- Replace UV Bulb
- Replace Humidifier Pad
- PureAir™ Maintenance
- Maintenance Reminder Settings
- Settings for all Reminders:
  - **Disabled**
  - 3, 6, 12, 24 Months or Custom date
  - Set for Calendar Time or Runtime

☐ Touch **custom** to access the **Set Date Tool** screen to input custom date settings.

#### ADVANCED SETTINGS SCREEN

See page 11.

#### SCHEDULE HOLD SCREEN



☐ The **schedule hold** screen is displayed after changing the temperatures on the heating or cooling screens while a schedule is running. Preset 1, 2, 8, 24 hours or custom setting (using the Time Tool) sets and hold the temperature for a preset or custom time period until the next time period setting. **Cancel schedule hold** button on Home Screen cancels the held setting.




## FEATURES

### USER SETTINGS (continued)


#### GENERAL SCREEN




- About
  - Thermostat model number
  - Control model number
  - Control serial number
  - Control hardware revision
  - Control software revision
    - Software revision
    - Last updated
  - Software Update
    - Automatic Updates (on/off)
    - Check for Updates Now Button
    - Dealer Information
  - Dealer ID
  - Name
  - Country/Region
  - Address 1
  - Address 2
  - City
  - State
  - Zip/Postal Code
  - Phone
  - Email
  - Website

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


- Dealer Access
  - Remote View (on/off)
  - Alerts and Notifications (on/off)

 Homeowner can allow/disallow dealer access to system information, alerts and notifications for troubleshooting.

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

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

- Date & Time
  - 12 or 24 Hour setting


 Date and time is automatically set if there is a wi-fi connection to the thermostat.

- Language
  - **English**
  - Français
  - Español


#### DISPLAY SCREEN




- Outdoor Temperature Display
  - Off
  - Internet
  - Sensor
- Indoor Humidity
  - On
  - Off
- Screen Saver
  - On
  - Off

 Default screen saver blanks the screen display (if enabled). Touch the screen to display.

- Screen Brightness

 Slide control allows screen brightness adjustment (0 to 100%).

- Temperature Unit
  - °F
  - °C
- Clean Screen

 30 Second Countdown timer without affecting settings to allow cleaning of the display.

## FEATURES

### INSTALLER SETTINGS



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.

### INSTALLER / ADVANCED SETTINGS

MENU	SETTING (default is bold)	Notes:
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#### INSTALLER SETTINGS (INITIAL SETUP)

DEALER INFO	SETTING		Notes:	
DEALER INFO	Dealer ID Number	enter id	installer can input the dealer number and phone number using the keyboard tool.	
	Dealer Phone Number	enter phone		
	Language	<b>English</b>		
		Français		
		Español		
	Country/Region	<b>United States</b>		
		Canada		
		Australia		
	Date and Time	Time		input the date and time using the set date and set time tools.
		Date		
Time Zone		Atlantic		Note - Date and Time is automatically set when connected to the Internet.
		Eastern		
		Central		
		Mountain		
		Pacific		
		Alaska		
		Hawaii		
Samoa				
Chamorro (Guam)				
Daylight Savings	<b>On</b> or Off			
Temperature Units	<b>°F</b> or °C			

<b>TERMINAL SETTINGS</b>	(See Terminal Settings on page 13)
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<b>SYSTEM SETUP</b>	(See System Setup on page 11)
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<b>OUTDOOR SENSOR</b>	(See Outdoor Sensor on page 11)
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HUMIDITY	SETTING	Notes:
Humidity Control	<b>Off</b>	
	Humidify	
	Dehumidify	
Dehumidification Control Center	<b>Normal</b>	displayed if <b>Dehumidify</b> is selected
	Max	
Overcooling	2°F	displayed if <b>Max</b> is enabled adjustable (0 to 4°F)
Dehumidification SetPoint	50%	displayed if <b>Dehumidify</b> is selected adjustable (40 to 60%)

## INSTALLER / ADVANCED SETTINGS

MENU	SETTING (default is bold)	Notes:	
<b>ADVANCED SETTINGS</b>			
<b>REMINDERS</b>	Replace Filter 1	<b>disabled</b>	adjustable 3, 6, 12, 24 months or custom date, can be set to calendar time or run time touch <b>custom</b> to access the Set date Tool screen to input custom date settings
	Replace Filter 2	<b>disabled</b>	
	Replace UV Bulb	<b>disabled</b>	
	Replace Humidifier Pad	<b>disabled</b>	
	PureAir Maintenance	<b>disabled</b>	
	Maintenance Reminder	<b>disabled</b>	
<b>SYSTEM SETUP</b>	Ventilator Type	<b>None</b>	
		Fresh Air Damper	
		HRV	
		ERV	
	Outdoor Unit Type	<b>Not Installed</b>	
		1 Stage A/C Unit	
		2 Stage A/C Unit	
		1 Stage HP Unit	
		2 Stage HP Unit	
		Outdoor Unit Capacity - <b>36 kBtu</b>	adjustable 18 to 60 kBtu
	Outdoor Unit 1st Stage Capacity - <b>70%</b>	Two-Stage only, adjustable 30 to 100%	
	Indoor Unit Type	<b>Not Installed</b>	
		1 Stage Electric	
		2 Stage Electric	
		1 Stage Oil	
		2 Stage Oil	
		1 Stage Gas	
	Humidifier	<b>Not Installed</b>	displayed if <b>Humidifier</b> is selected
		Humidification	
	Dehumidifier	<b>Not Installed</b>	displayed if <b>Dehumidifier</b> is selected
		Humiditrol - Min	
		Humiditrol - Mid	
		Humiditrol - Max	
Auxiliary Dehumidifier			
<b>OUTDOOR SENSOR</b>	Yes or <b>No</b>	required for Balance Point operation	
<b>RESIDUAL COOL</b>	<b>0</b> , 30, 60, 90, 120 seconds		
<b>BALANCE POINT</b>	<b>Disabled</b> or Enabled	Heat Pump	
	Low Balance Point - <b>25°F</b>	adjustable -40°F to 48°F	
	High Balance Point - <b>50°F</b>	adjustable 50°F to 75°F	
<b>TEMPERATURE CONTROL MODE</b>	Normal, <b>Comfort</b>		
<b>WALL INSULATION</b>	Poor, <b>Average</b> , Good		
<b>DEADBAND</b>	<b>3°F</b>	adjustable (3 to 8°F)	
<b>SMOOTH SETBACK RECOVERY</b>	<b>Enable</b> or Disable		
<b>OFFSET</b>	Temperature Offset - <b>0°F</b>	adjustable (-5 to 5°F)	
	Humidity Offset - <b>0%</b>	adjustable (-10 to 10%)	
<b>STAGE DIFFERENTIAL</b>	Stage 1 - <b>1.0°F</b>	adjustable (0.5 to 8.0°F)	
	Stage 2 - <b>1.0°F</b>	adjustable (0.5 to 8.0°F)	
	Stage 3 - <b>0.5°F</b>	adjustable (0.5 to 8.0°F)	
	Stage 4 - <b>0.5°F</b>	adjustable (0.5 to 8.0°F)	
<b>STAGE DELAY</b>	<b>On</b> or Off		
	Stage 2 through 4 - <b>20 min.</b>	adjustable (5 to 120 minutes)	
<b>H/C STAGES LOCKED IN</b>	Enable or <b>Disable</b>	turns heating stages off separately	
<b>STAGE 2 HP LOCK TEMP</b>	<b>Off</b> , 40°F, 45°F, 50°F, 55°F	Heat Pump - for dual-fuel applications (locks in 2nd stage compressor)	

## INSTALLER / ADVANCED SETTINGS

MENU		SETTING (default is bold)	Notes:
<b>VENTILATION SETTINGS &gt; VENTILATION CONTROL MODE</b>			
<b>HRV OR ERV (ASHRAE SETTING)</b>	Ventilation Rate	<b>130 cfm</b>	adjustable (20 cfm to 500 cfm)
	Ventilation Outdoor Condition Override	Disabled, Enabled	If <b>Enabled</b> also shows Ventilation High/Low Limits and Dew Point settings (see timed parameters below)
	ASHRAE Compliance Check	Yes or No	Indicates if ventilation cfm is acceptable or too low for ASHRAE 62.2
	ASHRAE Infiltration Credit	<b>0 cfm</b>	adjustable (0 to 200 cfm)
	ASHRAE House Floor Area Serviced By This Ventilator	<b>2500 sq. ft.</b>	adjustable (500 to 5000 sq. ft.)
	ASHRAE Number of Bedrooms	<b>3</b>	adjustable (1 to 10)
<b>HRV OR ERV (TIMED SETTING)</b>	Minutes Per Hour	<b>20 minutes</b>	adjustable (0 to 60 minutes)
	Ventilation Rate	<b>130 cfm</b>	adjustable (20 to 500 cfm)
	Ventilation High Outdoor Temperature Limit	<b>100°F</b>	adjustable (60 to 115°F)
	Ventilation Low Outdoor Temperature Limit	<b>0°F</b>	adjustable (-20 to 55°F)
	Ventilation High Outdoor Dew Point Limit	<b>55°F</b>	adjustable (45° to 80°F)
<b>FRESH AIR DAMPER (ASHRAE SETTING)</b>	Ventilation Outdoor Condition Override	Disabled, Enabled	If <b>Enabled</b> also shows Ventilation High/Low Limits and Dew Point settings (see timed parameters below)
	Relay Setting to Work Fresh Air Damper	Closed or Open	
	ASHRAE Compliance Check	Yes or No	Indicates if ventilation cfm is acceptable or too low for ASHRAE 62.2
	ASHRAE Infiltration Credit	<b>0 cfm</b>	adjustable (0 to 200 cfm)
	ASHRAE House Floor Area Serviced By This Ventilator	<b>2500 sq. ft.</b>	adjustable (500 to 5000 sq. ft.)
	ASHRAE Number of Bedrooms	<b>3</b>	adjustable (1 to 10)
	Fresh Air Damper Ventilation CFM	<b>75 CFM</b>	adjustable (20 to 250 cfm)
<b>FRESH AIR DAMPER (TIMED SETTING)</b>	Relay Setting to Work Fresh Air Damper	Closed or Open	
	Ventilation Minutes Per Hour	<b>20 minutes</b>	adjustable (0 to 60 minutes)
	Ventilation High Outdoor Temperature Limit	<b>100°F</b>	adjustable (60 to 115°F)
	Ventilation Low Outdoor Temperature Limit	<b>0°F</b>	adjustable (-20 to 55°F)
	Ventilation High Outdoor Dew Point Limit	<b>55°F</b>	adjustable (45° to 80°F)

## INSTALLER / ADVANCED SETTINGS

MENU		SETTING (default is bold)	Notes:
COMPRESSOR PROTECT		On or Off	
DISPLAY PERFORMANCE REPORT		On or Off	
TERMINAL SETTINGS	H/D (Humidification/ Dehumidification)	Off	
		<b>Humidify</b>	
		Dehumidify	
	ACC	Off	
		Humidify	
		<b>Dehumidify</b>	
		Ventilation	
	O/B	<b>O</b> (energized during cooling)	Heat Pump
<b>B</b> (energized during heating)			
RESET SETTING		Confirm Button	resets all parameters to factory settings
RESTART		Confirm Button	restarts thermostat
SYSTEM TEST MODE		Confirm Button	installer run tests to check all output relays. Tests confirm signals between thermostat/unit are being sent/received. Stops system to run system tests

## FEATURES

### SPECIFICATIONS

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

**Order No. - 15Z69**

#### Temperature Setting Range

- Heating - 45 to 90°F
- Cooling - 45 to 99°F

#### Humidity Settings

- Operating range - 10 to 90% relative humidity
- Humidity setpoint (Humidification mode) - 15 to 45% relative humidity
- Humidity setpoint (Dehumidification mode) - 35 to 60% relative humidity

#### Power Supply

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

#### Clock Accuracy

- ± 10 minutes per year

#### Terminals

4 heat / 2 cool multi-stage

- Tc - Outdoor Temperature Sensor Common
- To - Outdoor Temperature Sensor
- ACC 1/ACC 2 - For optional dehumidifier or humidifier accessory (default is <sup>1</sup> dehumidifier)
- R2 - Secondary 24VAC power for accessories (connected by jumper to ACC 1)
- H/D - Humidification/Dehumidification Relay
- W2 - 2nd Stage Heating (AC) or 4th Stage heating (Heat Pump)
- Y2 - 2nd Stage Heating or Cooling
- O/B - Reversing Valve (Cooling/Heating)
- C - Common 24VAC
- G - Fan
- W1 - 1st Stage Heating (AC or Emergency Heat) or 3rd Stage Heating (Heat Pump)
- Y1 - 1st Stage Heating or Cooling
- R - 24VAC power

<sup>1</sup> Configured in advance settings > terminal settings.

#### 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

### Optional Accessories

#### Outdoor Temperature Sensor

When installed outdoors, sensor (**X2658**) allows thermostat to display outdoor temperature.

**NOTE** - Sensor is required for dual fuel operation if thermostat controls dual-fuel system operation. Also required with Humiditrol® applications and Humidity Settings / Humidity / Dewpoint operation.



## MOBILE APPS

### iComfort® Thermostat App

This free Thermostat app is available for use on iPhone® and iPad®, Android™ devices.

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



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



### Amazon® Alexa

The M30 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):



### Google Assistant

Control basic functions of the M30 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 you have added the thermostat to your 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](#).



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

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## SAVE ENERGY



**NOTE** - For California residents only.

- Energy Savings feature is currently a feature requirement for the State of California
- Enrolling into the energy saving program allows the user's utility company to control the thermostat during peak energy events
- An icon on the home page will indicate when the system is in an active energy savings event

### **ENERGY SAVINGS ENROLLMENT**

- Enrollment is a two-step process for consumers
  1. User registers with their utility provider before the thermostat settings can be enabled to take advantage of the Energy Savings feature
  2. Enable energy saving settings on the thermostat

### **ENERGY SAVING SETTINGS**

- Peak Load Event Active Setpoints:
  - Default
  - Offset
  - Custom Setpoints
  - Peak Price Event Threshold
- Peak Price Event Active Setpoints:
  - Default
  - Offset
  - Custom Setpoints
  - Energy Savings Event Filter
- Energy Savings Settings Factory Reset (resets all parameters to factory settings and cancels enrollment)



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

**NOTE** - See the **M30 User Guide** for additional information about enrolling in the Energy Savings program and thermostat settings available.





## REVISIONS

Sections	Description of Change
Home Automation	Removed IFTTT protocol.



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