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Lennox 19V30

Lennox iComfort S30/E30 Smart Programmable Thermostat Replacement Screen (Model 19V30) User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lennox 19V30 Smart Thermostat Replacement Screen. Designed to upgrade or replace existing Lennox iComfort S30 and E30 systems, this screen features a 7-inch high-definition color display and intuitive touchscreen controls, enhancing your home's climate management.

2. SAFETY INFORMATION

- **Electrical Hazard:** Disconnect power to the heating and cooling system before installation to prevent electrical shock and equipment damage.
- **Professional Installation Recommended:** Installation should be performed by a qualified HVAC technician.
- **Low Voltage Wiring:** This device operates on low voltage (24 Volts AC). Ensure correct wiring to prevent damage.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Lennox 19V30 Smart Thermostat Replacement Screen
- Wallplate
- Mounting Screws
- Quick Start Guide / Documentation

4. SETUP & INSTALLATION

Follow these steps for proper installation. For detailed wiring diagrams, consult a qualified HVAC technician.

4.1. Mounting the Wallplate

1. Turn off power to your HVAC system at the circuit breaker.
2. Remove your old thermostat.
3. Position the new wallplate on the wall and mark the screw holes.
4. Drill pilot holes if necessary and secure the wallplate using the provided mounting screws.



Image 1: Rear view of the thermostat wallplate, showing the wiring terminals for connection to the HVAC system. This component is securely mounted to the wall.

4.2. Connecting Wiring

Connect the low voltage wires from your HVAC system to the corresponding terminals on the wallplate. Refer to your system's wiring diagram or consult a professional for accurate connections.

4.3. Attaching the Screen

1. Align the thermostat screen with the mounted wallplate.
2. Gently push the screen onto the wallplate until it clicks securely into place.



Image 2: The Lennox Smart Thermostat screen, powered on and displaying the current indoor temperature (72°F), humidity (51%), and outdoor temperature (65°F). It shows options for 'heat to' and 'cool to' settings, along with 'away' mode and 'modes/schedules'.

4.4. Initial Power-Up & Wi-Fi Connection

1. Restore power to your HVAC system at the circuit breaker.
2. The thermostat screen will power on and guide you through the initial setup, including connecting to your home Wi-Fi network.
3. Download the Lennox Home App on your smartphone for remote control and advanced features.

Your browser does not support the video tag.

Video 1: A user demonstrates the touchscreen interface of the Lennox Smart Thermostat, showing how to adjust temperature, access settings like humidity control, and manage the system via the mobile app. The video highlights the intuitive design and comprehensive control options.

5. OPERATING INSTRUCTIONS

5.1. Touchscreen Interface

The 7-inch high-definition touchscreen provides easy access to all thermostat functions. Tap icons and swipe to navigate menus.

5.2. Temperature Control

- **Adjusting Temperature:** On the main screen, tap the desired temperature to enter adjustment mode. Use the '+' and '-' buttons to set your preferred temperature.
- **'Feels Like' Feature:** The thermostat displays a 'Feels Like' temperature, which is calculated based on both temperature and humidity for enhanced comfort.

5.3. System Modes

Access system modes from the main screen or through the menu:

- **Heat:** Activates the heating system.
- **Cool:** Activates the cooling system.
- **Auto:** Automatically switches between heating and cooling to maintain the set temperature range.
- **Off:** Turns off the heating and cooling system.

5.4. Scheduling

Create custom schedules to optimize energy usage and comfort throughout the day and week. Access 'Schedule' from the main menu to set up or modify your programs.

5.5. Humidity Control

The thermostat offers advanced humidity control features:

- **Dehumidification SetPoint:** Adjust the target humidity level (e.g., 50-60%).
- **Overcooling:** Set the acceptable temperature drop below the set point to achieve desired dehumidification.

5.6. Fan Operation

Control your system's fan settings:

- **On:** Fan runs continuously.
- **Auto:** Fan runs only when the heating or cooling system is active.
- **Circulate:** Fan runs periodically to circulate air and improve comfort without continuous heating/cooling.

5.7. Remote Access (Lennox Home App)

Download the Lennox Home App to control your thermostat from anywhere using your smartphone. The app provides the same functionality as the physical screen, allowing you to adjust settings, view status, and manage schedules remotely.

5.8. Weather Display

The thermostat displays current outdoor temperature and humidity. Tap the outdoor temperature display to view a detailed weather forecast.



Image 3: The Lennox Smart Thermostat screen, showing a customizable display with a family photo, indicating its high-definition capabilities and potential for personalized screensavers or information displays.

6. MAINTENANCE

- **Cleaning the Screen:** Use a soft, damp cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Air Filter Replacement:** The thermostat may provide reminders for air filter replacement. Follow your HVAC system's recommendations for filter maintenance.

7. TROUBLESHOOTING

- **No Power:** Check the circuit breaker for your HVAC system. Ensure the thermostat is securely attached to the wallplate.

- **Wi-Fi Connection Issues:** Verify your home Wi-Fi network is active. Restart your router and the thermostat if necessary.
- **Incorrect Temperature Readings:** Ensure the thermostat is not exposed to direct sunlight or drafts, which can affect readings.
- **System Not Responding:** If the system is unresponsive, try restarting the thermostat by cycling power at the circuit breaker.

8. SPECIFICATIONS

Feature	Specification
Brand	Lennox (Generic for replacement part)
Model Name	17H17 (Compatible with 19V30)
Controller Type	Amazon Alexa (Voice Control)
Special Feature	Programmable
Color	Black
Specific Uses For Product	Air Conditioner
Temperature Control Type	Programmable
Connectivity Technology	Wi-Fi
Included Components	Wallplate, Screen
Item Weight	2 Pounds
Voltage	24 Volts (AC)
Material	Plastic
Shape	Rectangular
Display Type	LCD
Screen Size	7 Inches
Control Type	Touch
Control Method	Touch
Mounting Type	Wall Mount
Style	Modern
Backlight	Yes
Product Dimensions	7 x 5 x 2 inches

9. WARRANTY & SUPPORT

This product is compatible with Lennox iComfort S30 and E30 systems. For specific warranty information,

please refer to the documentation provided with your original Lennox system or contact Lennox customer support. For technical assistance, you may also access dealer support through the thermostat's settings menu.

Optional protection plans are available for purchase separately:

- **4-Year Protection Plan:** Available for \$93.99.
- **Complete Protect:** Monthly plan for \$16.99, covering eligible past and future purchases.

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