**RESIDENTIAL PRODUCT SPECIFICATIONS**

**COMFORTSENSE® 3000 Non-Programmable Thermostat**

**L3011C / L3021H**

**Bulletin No. 210498**

November 2010

Supersedes February 2008

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**MODEL NUMBER IDENTIFICATION**

- **Brand**: L = Lennox
- **Series**: 3 = 3000 Series
- **Programming**: 0 = Non-Programmable
- **System Type**:
  - C = Conventional - A/C/Gas/Oil
  - H = Heat Pump (with Dual Fuel)
- **Cooling Stages**: 1 = Single Stage
- **Heating Stages**: 1 = Single Stage, 2 = Two Stages

**FEATURES**

- Large, back-lit, easy-to-read LCD screen
- Digital display offers more accurate control of temperature settings than mechanical controls
- Large, easy to push buttons
- Sleek, modern appearance works well with any decor
- System status icons show when the HVAC system is running
- Continuous or automatic fan/blower operation
- Filter monitor displays when it is time to service the HVAC system filter
- Service monitor indicates when the system compressor is not operating properly
- Hard-wired to the indoor unit power supply. No batteries to change
- Heat pump model can be used in dual-fuel applications or applications with auxiliary heat lockout

**NOTE** - Requires optional outdoor temperature sensor.

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**FEATURES**

- Equipped with overheat protection in heating mode, a bimetal switch will open Y1, W1 and E if room temperature exceeds 93°F
- Screw terminals on removable sub-base
- Five-minute compressor short-cycle protection
- Minimum run time:
  - Gas or Electric Heat - 3 minutes
  - Heat Pump Heating - 4 minutes
  - Cooling - 4 minutes

**WARRANTY**

- Limited two years in residential applications

**NOTE** - Refer to Lennox Equipment Limited Warranty certificate included with equipment for details.
FEATURES

DISPLAY
• LCD backlight turns on for 8 seconds when any key is pressed
• Room - shows the current room temperature
• Setpoint - shows the set point temperature
• System selector indicators - shows the current selection of system control; COOL, OFF, HEAT, and EMG. HEAT (heat pump model only)
• If heating is activated, the system status will show a flame icon
• If cooling is activated, the system status will show a snowflake icon
• Fan selection indicator shows the current selection of fan control, ON or AUTO
• If the fan is activated, the fan status will show a rotating fan icon
• The service status will show a 1HZ blinking indicator when 24VAC or 0VAC is present at the L terminal and Y1 has been activated for at least five minutes

SPECIFICATIONS
• Temperature set range: 50°F to 90°F
• Room temperature display range: 35°F to 99°F
• Room temperature display: User selectable Fahrenheit or Celsius
• Fan control: On/Auto
• User selectable filter reminder: Off, 1, 3, 6, or 12 months.
• Power Supply: 18-30 VAC - 60hz
• Memory and filter counters maintained for 24 hours of power outage
• Dimensions (H x W x D): 3-1/2 x 4-9/16 x 1-5/16 in. (89 x 16 x 33 mm)

ORDERING INFORMATION
• L3011C (51M32) - 1 Heat/1 Cool - Single stage Gas/Electric
  • Terminals: R, C, Y1, W1, G, L
• L3021H (51M33) - 2 Heat/1 Cool - Heat Pump Systems
  • Terminals: R, C, Y1, W1, E, O, B, G, L, T, T

Optional Accessories
Outdoor Temperature Sensor (X2658)
(For Heat Pump Models Only)
• Provides balance point control for multi-stage heat pumps
• Outdoor sensor uses 22AWG thermostat wire up to 150 ft. (46 m) long

Wall Plate (X2659)

REVISIONS

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