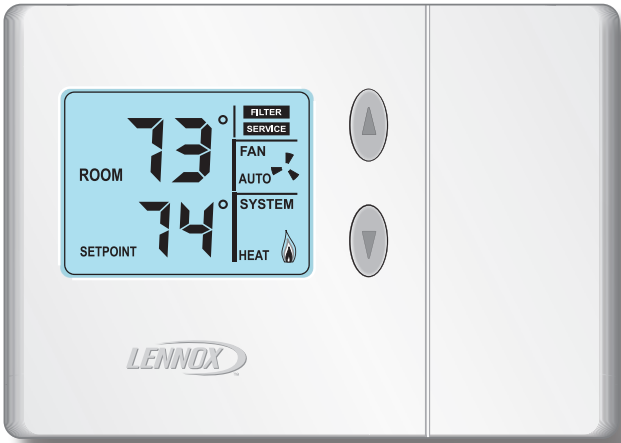




**COMFORTSENSE® 3000  
Non-Programmable Thermostat**

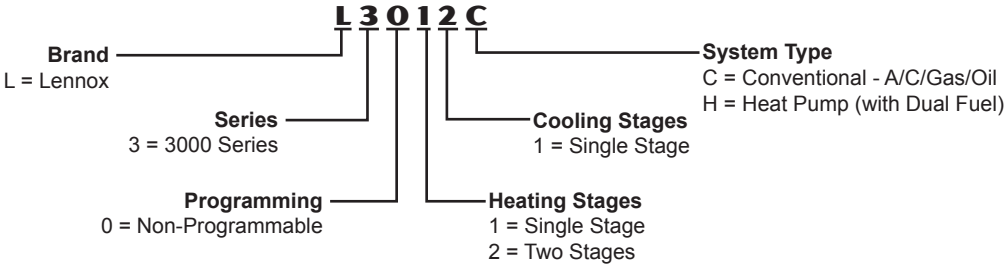
Bulletin No. 210498  
November 2010  
Supersedes February 2008

**PRODUCT SPECIFICATIONS**



**1 Heat / 1 Cool Single Stage  
2 Heat / 1Cool Multi-Stage or Heat Pump**

**MODEL NUMBER IDENTIFICATION**



**FEATURES**

- Large, back-lit, easy-to-read LCD screen.
- Digital display offers more accurate control of temperature settings than mechanical controls.
- Large buttons are easy to push.
- 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. Requires optional outdoor temperature sensor.
- 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**

Two-year limited warranty.  
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 which can be *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: 4-7/8 x 3-1/2 x 1-5/16 in.

### 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

### OPTIONS

#### **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. long.

Wall Plate (**X2659**)

## REVISIONS

Sections	Description of Change
Document	Updated to new publishing software. No changes to data.



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