



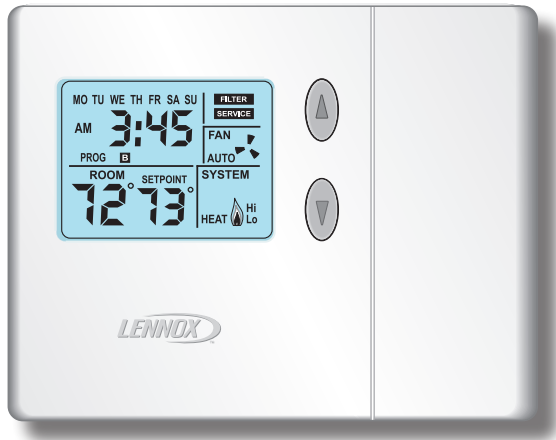
# L3511C / L3522C / L3532U

CS3000

5-2-Day Programmable Thermostat

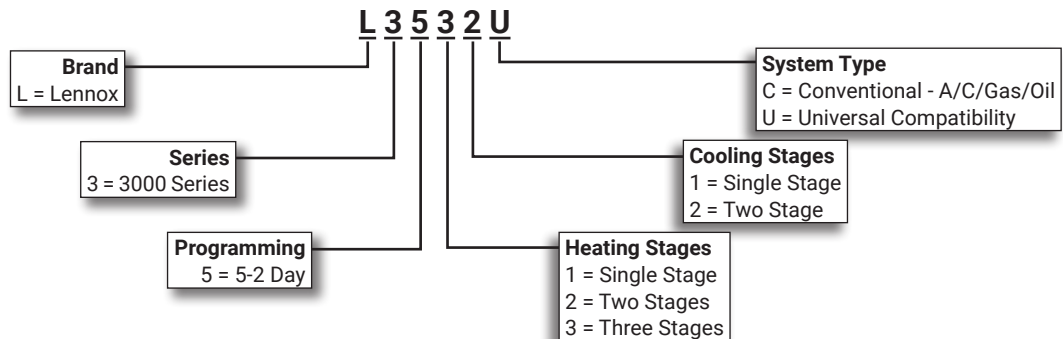
## RESIDENTIAL PRODUCT SPECIFICATIONS

Bulletin No. 210500  
November 2010  
Supersedes February 2008



**L3511C - 1 Heat / 1 Cool Conventional**  
**L3522C - 2 Heat / 2 Cool Conventional**  
**L3532U - 3 Heat / 2 Cool Universal**

## MODEL NUMBER IDENTIFICATION



## FEATURES

- Large, back-lit, easy-to-read LCD screen
- Digital display offers more accurate control of temperature settings
- Large, easy to push buttons
- Sleek, modern appearance works well with any decor
- System status icons show when the HVAC system is running
- Filter monitor shows when to replace filter
- Service monitor indicates if the cooling system is not operating properly
- Gradually changes room temperature to next program period for increased comfort
- Hard-wired to the indoor unit power supply
- No batteries required
- Universal model can be used in conventional heating/cooling applications, heat pump/dual-fuel applications and applications with auxiliary heat lockout

**NOTE** - Requires optional outdoor temperature sensor

- Five-minute compressor short-cycle protection
- Minimum cycle time of 6 minutes

## FULLY PROGRAMMABLE

- 5-2 day programming, four time periods per day
- Day/Time button allows quick clock setting changes
- Heat/Cool buttons simplify setting precise heating and cooling temperatures
- Fan button selects continuous or automatic blower operation
- Programming button sets, reviews, or changes schedule
- Hold features will permanently hold setpoints without changing the program
- Maintains program in memory for 24-hours in the event of a power outage

## WARRANTY

- Limited two years in residential applications

**NOTE** - Refer to Lennox® Basic Limited Warranty at [www.Lennox.com](http://www.Lennox.com) for additional details.

## FEATURES

### DISPLAY

- Day and time display will show current day and time
- Program/Hold indicators show the current program and the program override (hold) status
- Compressor stage indicators show if the first or second stage of the compressor is activated (if applicable)
- Filter reminder will be displayed when the filter reminder timer expires
- **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 usage only)
- If heating is activated, the system status will show a flame animation
- If cooling is activated, the system status will show a snowflake animation
- Fan selection indicator shows the current selection of fan control which can be **ON** or **AUTO**
- If the fan is activated, the fan status indicator will show a rotating fan animation
- The service indicator will show a 1HZ blinking indicator when 24VAC is present at the L terminal and Y1 is on for five minutes
- LCD backlight turns on for 30 seconds when any key is pressed
- Outdoor Sensor (optional for heat pump usage) is used to control balance points on multi-stage heat pumps

### 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
- Stage up timer: 15 minutes (multi-stage model only)
- User selectable filter reminder: Off, 1, 3, 6, or 12 months
- User selectable maintenance reminder: Off, 6, or 12 months
- Memory, clock, filter and maintenance counters maintained for 24 hours of power outage
- Power Supply: 18-30 VAC - 60Hz
- 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

- **L3511C (51M34) - 1 Heat/1 Cool - Conventional Heat/Cool**
- Terminals: R, C, Y1, W1, G, L
- **L3522C (51M35) - 2 Heat/2 Cool - Conventional Heat/cool**
- Terminals: R, C, Y1, Y2, W1, W2, G, L
- **L3532U (51M37) - 3 Heat/2 Cool Universal - Conventional Heat/Cool or Heat Pump Systems**
- Terminals: R, C, Y1, Y2, W1, E, O, B, G, L, T, T

### Optional Accessories

#### Outdoor Temperature Sensor (X2658) (For Heat Pump Usage 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

Sections	Description of Change
Ordering	Changed L3532H to L3532U (51M37). Thermostat is now universal (can be used with a conventional heating/cooling or heat pump systems).



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