



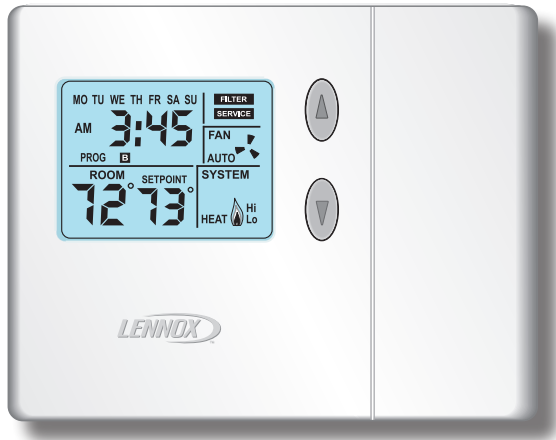
L3511C / L3522C / L3532U

COMFORTSENSE® 3000

5-2-Day Programmable Thermostat

RESIDENTIAL PRODUCT SPECIFICATIONS

Bulletin No. 210500
February 2021
Supersedes November 2010



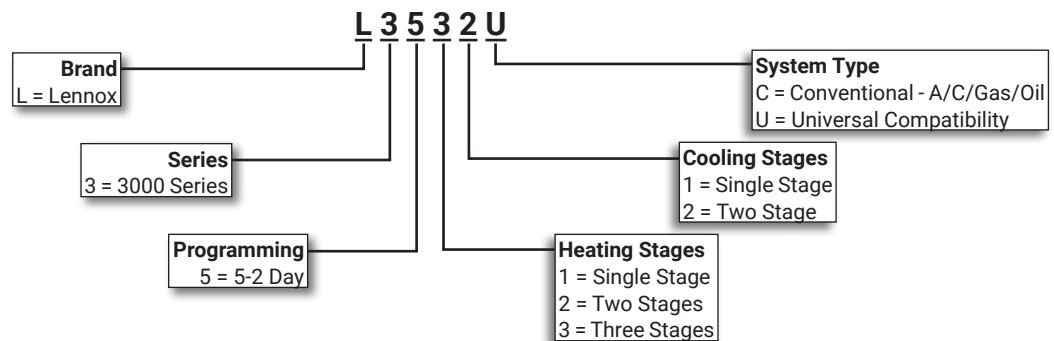
ComfortSense®

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 Equipment Limited Warranty certificate included with equipment for 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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