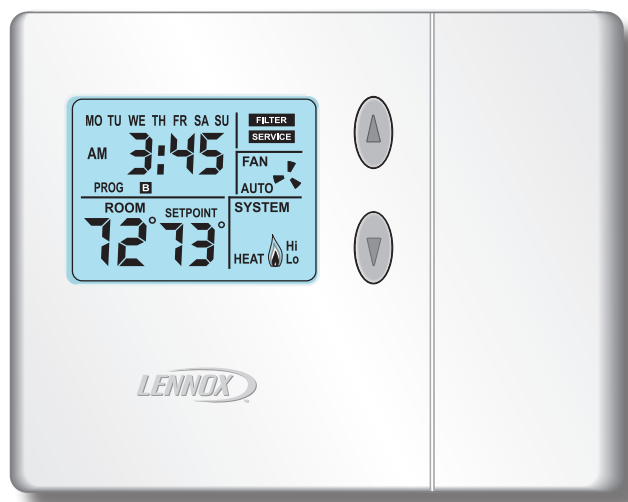
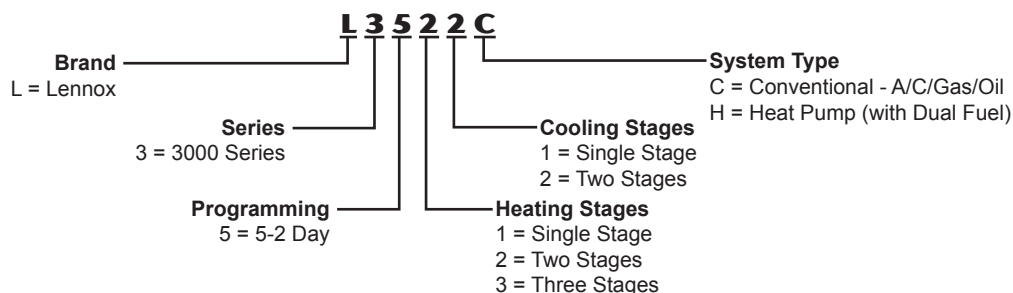



ENGINEERING DATA
COMFORTSENSE® 3000
5-2-Day Programmable Thermostat

Bulletin No. 210500
 November 2010
 Supersedes February 2008



1 Heat / 1 Cool Single Stage
2 Heat / 2 Cool Multi-Stage
3 Heat / 2 Cool 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.
- Filter monitor displays when it is time to service the HVAC system filter.
- Service monitor indicates when 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 to change.
- Heat pump model can be used in dual-fuel applications or applications with auxiliary heat lockout. 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

- Two-year limited warranty.**
- 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 model 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 models) 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 models 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.

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

L3532H (51M37) - 3 Heat/2 Cool - Heat Pump

Terminals: R, C, Y1, Y2, 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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NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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