LENNOX®

ENGINEERING DATA

CONTROLS
THERMOSTATS
ELITE® SERIES
Multi-Programmable Thermostats
Bulletin No. 210377
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FEATURES

- Easy-to-use, menu driven. Back-lit dot-matrix LCD screen

- Auto-Changeover

- Security protection prevents tampering with programming menus, setpoints or set-up functions

- Compressor short-cycle protection (5 minutes)

- Resume Program

- Optional Remote Outdoor Sensor capable

- Energy efficient recovery - Allows gradual recovery from setback temperature to reduce energy usage

- Compact, high impact plastic case, sleek design, egg shell color

- **Main Menu Display**
  - Day of week
  - Time of day
  - Indoor temperature
  - Setpoint temperature (SET AT)
  - Outdoor temperature (OUTSIDE) (optional remote outdoor sensor required)
  - System mode
    (OFF / HEAT / COOL / AUTO) heating/cooling system
    (OFF / HEAT / COOL / EMER HEAT) heat pump systems
  - Fan mode (FAN ON / AUTO / INTERMITTENT)

- **Fully Programmable**
  - 7 day, 5/2 day or 5/1/1/day programming
  - 2, 4 or 6 events per day
  - Copy from one day's programming to another
  - Maintains all programmed parameters indefinitely in the event of a power outage. Time-of-day is retained for at least two hours. No battery required.

- **LED System Indicators**
- (COOL / FAN / HEAT) 1 heat / 1 cool model
  - (COOL / AUX / HEAT) 2 heat / 2 cool model
  - (AUX / CHECK / EMER) multi-stage heat pump models

- **Four Manual Override Settings**
  - Temporary 3-hour override
  - Permanent override
  - Temporary adjustable override (1 to 12 hours)
  - Adjustable vacation override (1 to 45 days).

- **User Settings**
  - Fahrenheit or Celsius temperature display
  - 12 or 24 hour display
  - Show setpoint temperature display (Yes / No)
  - Number of events per day (2, 4 or 6)
  - Differential and Delay settings
    - 1st stage differential (0 to 3°F)
    - 2nd stage differential (2 to 4°F)
    - 2nd stage delay (5 - 45 minutes)
  - Filter monitor (set number of hours between filter changes)
  - Set min./max. heating and cooling limits (prevents tampering)
  - Language - English, French or Spanish
  - Security settings. Two levels of security - allow temporary changes to temperature or do not allow any changes
  - 4-digit security code

Installer Settings
- System setup
  - 1st stage heating (gas/oil or electric) (conventional models)
  - Auxiliary heat (multi-stage heat pump model) choose internal (compressor on) or remote fossil fuel heating system
- Residual cooling option (30, 60, 90, 120 seconds additional fan operation after cooling demand)
- Balance points (low/high for heat pump model) when used with optional outdoor sensor
- Auto changeover (enable/disable)
- Energy efficient recovery (enable/disable)
- Deadband setpoint (adjustable 3 - 8°F) use with auto changeover.
- Security code for protecting Installer settings
- Contact information - Input name and phone number

Specifications
- Temperature setpoint range – 45°F to 90°F
- Power supply: 24VAC (18 to 30VAC maximum), 60 Hz
- Dimensions (H x W x D): 3-3/4 x 5-3/8 x 1-1/4 in.
- Factory preset program conforms to EPA ENERGYSTAR ™ recommended setpoints

49M55 - 1 Heat/1 Cool - Single stage gas/electric and single stage heat pumps
Terminals: R, W_1, Y_1, G, C + outdoor sensor

49M56 - 2 Heat/2 Cool - Multi-stage gas/electric
Terminals: R, W_1, W_2, Y_1, Y_2, G, C + outdoor sensor

49M57 - 2 Heat/2 Cool - Multi-stage heat pumps
Terminals: R, E/W_1, Y_1, Y_2, B, W_2, L, O, G, C + outdoor sensor

Warranty
2 years in residential applications

OPTIONAL ACCESSORIES - ORDER EXTRA

46M98 Remote Outdoor Temperature Sensor
- When installed outdoors, allows the thermostat to display outdoor temperature