

LOW INTENSITY INFRA-RED HEATER 2-STAGE MICROPROCESSOR THERMOSTAT

(PART NUMBER: 0002-42-156)

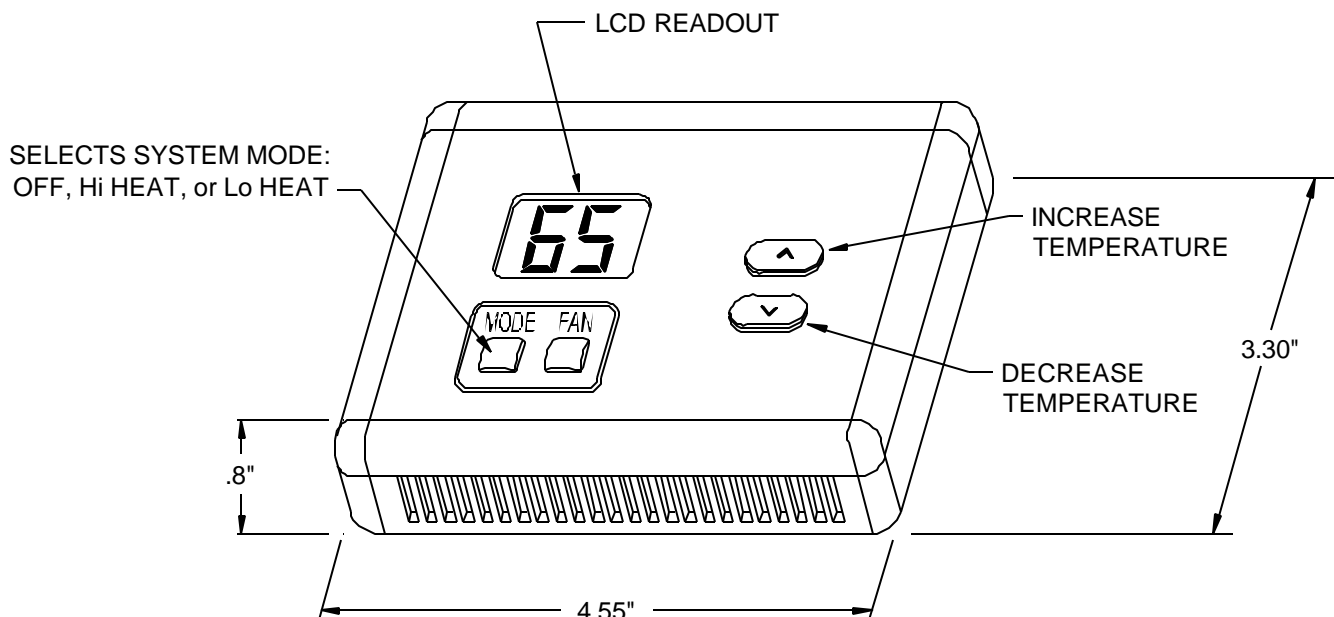
This specially customized 2-stage microprocessor thermostat is a sophisticated wall mounted, low-voltage thermostat control ideally suited for controlling the operation of a 2-stage gas-fired low-intensity infra-red heater(s). Batteries are not required; temperature and mode settings are preserved with the power off.

SPECIAL FEATURES

- Microprocessor-based technology
- 24 volt operation will permit most wiring to be completed without using conduit (consult local codes)
- Single setpoint operation
- Push-button operation for selecting temperature setpoints and operating modes
- Wiring to wall mounted base plate
- Adjustable anticipator settings
- Digital display of temperature in °F or °C
- Offset adjustment for room temperature
- Mercury-free construction
- Battery-free operation (non-volatile memory)
- Multi-stage operation
- Accurate thermistor-based temperature sensing

SPECIFICATIONS

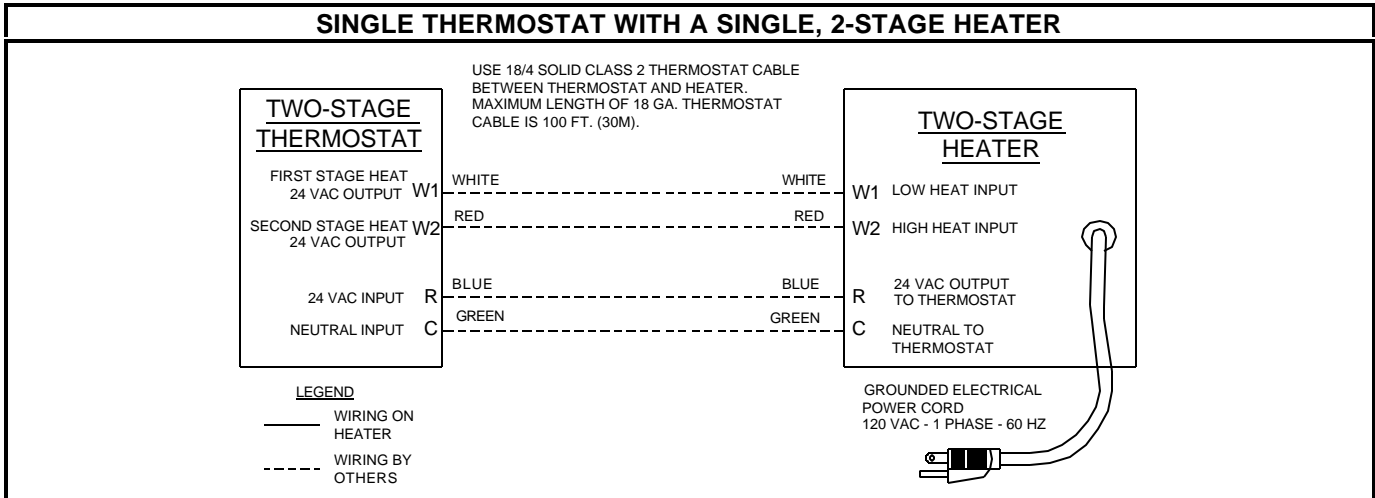
- 24 volt nominal (18 to 30 VAC) @ 50/60Hz.
- #18 AWG wire screw terminals
- Temperature sensing $\pm 2.0^{\circ}\text{F}$
- 'W' and 'W2' output-max. load: 1.0 amps @ 24 VAC
- Two digit LCD display with 5 annunciator icons legible over a $\pm 15^{\circ}$ horizontal or vertical viewing angle from a line orthogonal to the center of the LCD
- Operating temperature: 32°F to 104°F
 0°C to 40°C
- 10% to 95% rel. humidity - non-condensing
- Vibration resistant from 5g sinusoidal acceleration, 10 to 150 Hz.
- Tactile-feel momentary push-button switches rated for 100,000 operations
- Non-volatile memory maintains installer setup configuration



LOW INTENSITY INFRA-RED HEATER 2-STAGE MICROPROCESSOR THERMOSTAT

(WIRING SCHEMATICS)

SINGLE THERMOSTAT WITH A SINGLE, 2-STAGE HEATER



SINGLE THERMOSTAT WITH A MAXIMUM OF TWO, 2-STAGE HEATERS

No more than two, 2-stage low intensity heaters may operate on a single 2-stage thermostat.

