

# SLIMLINE

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## DSL-200

**HEATING / COOLING THERMOSTAT  
MANUAL CHANGEOVER – 1 HEAT / 1 COOL**

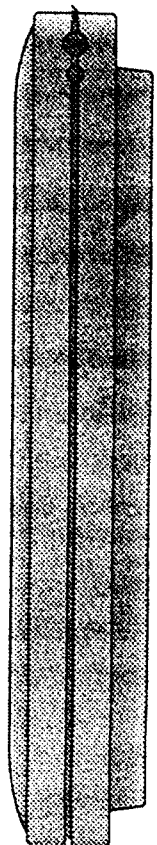
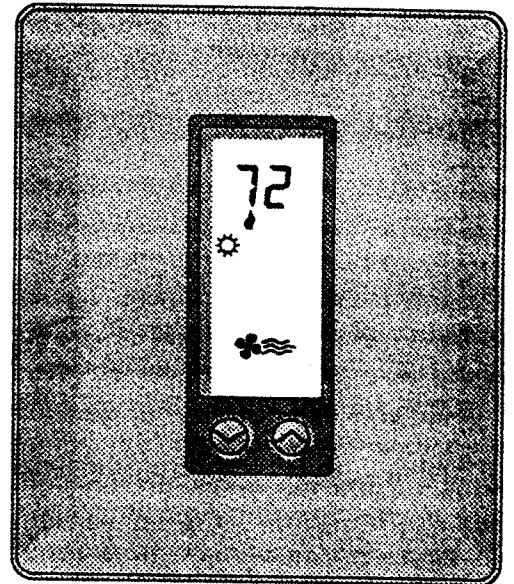
### GENERAL DESCRIPTION

The DSL-200 single stage thermostat is designed for new or replacement commercial or residential applications requiring only manual changeover. The DSL-200 represents the latest in solid-state surface mount electronics and manufacturing techniques incorporated into an extremely low profile, ultra-slim white ABS plastic case. The DSL-200 offers "user friendly" control of the heating/cooling equipment along with an easy-to-read vertical LCD that displays complete operation status. A direct-wire, easy-to-install subbase mounts on a standard vertical outlet box or any dry wall surface using anchors and hardware provided.

### STANDARD FEATURES

- Selectable Celsius or Fahrenheit temperature display.
- Fan selector for continuous fan operation.
- Built-in short cycle protection.
- Electronic circuitry replaces conventional mechanical anticipator.
- Internal switch to lock-out the keypad to prevent unauthorized tampering.
- 45 second fan purge after heating and cooling call.
- Day/Night button for user selectable alternate setpoint for manual setback.
- Solid state electronic outputs.
- Plenum fan switch.
- Does not require a battery (always maintains the last setpoint and mode of operation following power outages of any duration.)
- Lockable access cover.
- Remote clock terminals.
- Outdoor temperature sensor (optional).
- Indoor remote temperature sensor (optional).
- 2°F (1°C) Heat/Cool separation.
- High temperature thermal cut-off switch.

*NOTE: Specifications are subject to change without notice.*



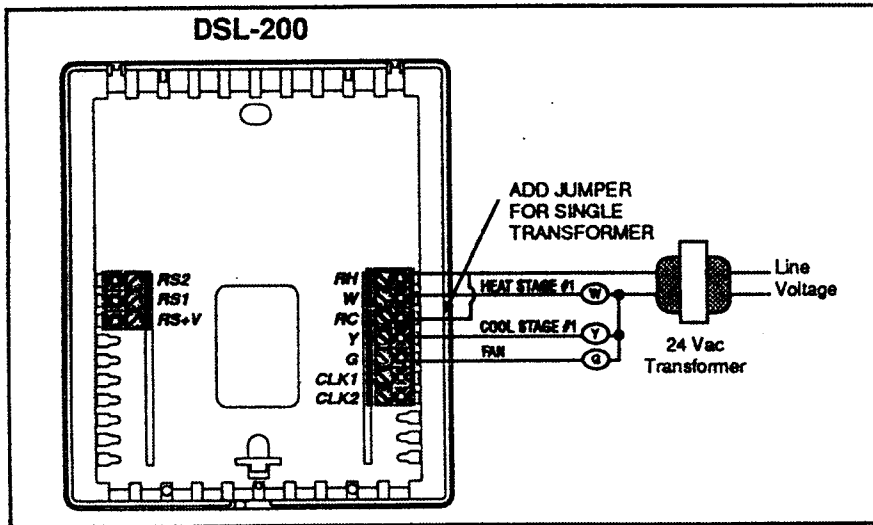
**ACTUAL SIZE**

**enerstat™**

# SPECIFICATIONS

Rated Voltage	20-30 Vac, 24 nominal
Rated Current	.08 Amps to 1.5 Amps continuous per output with surges to 4 Amps Maximum.
Control Range	Heating: 38 to 88°F in 1° Steps 5 to 30°C in 1° Steps Cooling: 60 to 108°F in 1° Steps 16 to 40°C in 1° Steps
Thermostat Measurement Range	28 to 124°F or 0 to 48°C
O.D.T. Measurement Range	-50 to 124°F or -48 to 48°C
Control Accuracy	± .5° C At 20°C ± 1°F at 68°F
Minimum Deadband	(between heating and cooling) 2°F or 1°C
Dimensions:	4.5"H x 4"W x 7/8"D (114mm x 102mm x 22mm)
Terminations:	R, W, Y, G
Minimum Wires Required:	4

**NOTE:** This thermostat contains electronic circuitry replacing the conventional mechanical anticipator.



## OUTPUT TERMINAL FUNCTIONS

- |      |  |      |  |
|------|--|------|--|
| RH   | 24 Vac Supply from heating equipment transformer                                 | RS2  | } Use to connect Outdoor Temperature Option and/or Indoor Remote Sensor. Refer to the instructions included with the sensor. |
| W    | energizes the heating equipment with a call for heating                          | RS1  |  |
| RC   | 24 Vac from the cooling equipment transformer                                    | RS+V |  |
| Y    | energizes the cooling equipment with a call for cooling                          |      |  |
| G    | energizes the fan when the fan is selected or with a call for heating or cooling |      |  |
| CLK1 | } Use with Independent Remote Clock/Timer for alternate setpoints                |      |  |
| CLK2 |  |      |  |
- Equipment load resistors (provided) may be required on the 'Y', 'W' and 'G' switching circuits if the equipment loads do not draw .08 amps per circuit minimum
  - Connect load resistors at the equipment.