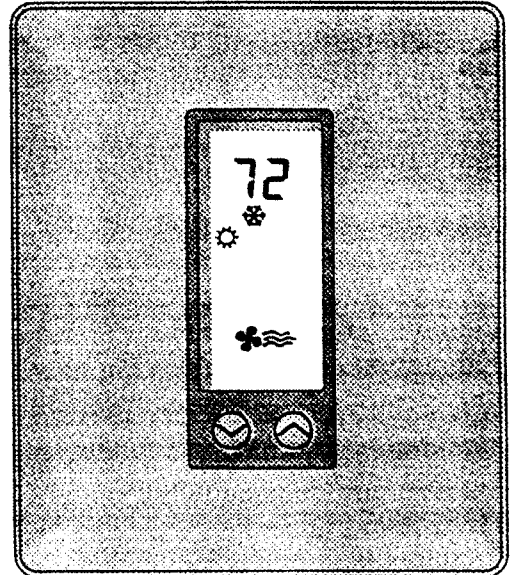# SLIMLINE

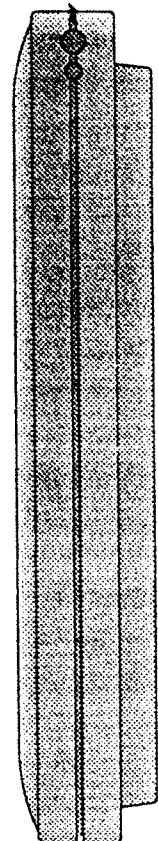# DSL-150
COOL ONLY, 3 WIRE THERMOSTAT WITH SELECTABLE FAN

GENERAL DESCRIPTION

The DSL-150 thermostat is designed for new or replacement applications of "cooling only" systems. The DSL-150 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-150 offers "user friendly" control of the 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 cooling call.
- Day/Night button for user selectable alternate setpoint for manual setback.
- Solid state electronic outputs.
- 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).
- Built-in anticipation & droop.
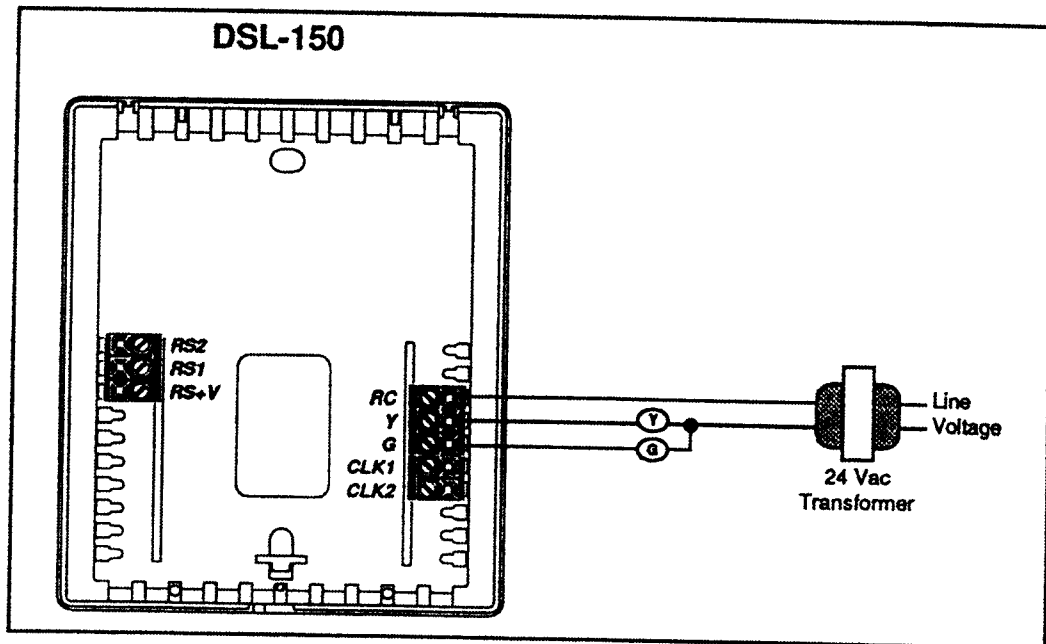- Minimum on/off times (2 or 4 minutes selectable).

NOTE: Specifications are subject to change without notice.

ACTUAL SIZE

enerstat™

SPECIFICATIONS

Rated Voltage	20-30 Vac, 24 nominal
Rated Current	.080 Amps to 1.5 Amps continuous per output with surges to 4 Amps Maximum.
Control Range	Cooling: 60 to 108°F in 1° Steps 16 to 40°O 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
Dimensions:	4.5"H x 4"W x 7/8"D (114mm x 102mm x 22mm)
Terminations:	R, Y, G
Minimum Wires Required:	3

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

DSL-150

OUTPUT TERMINAL FUNCTIONS

RC	24 Vac supply from cooling equipment
Y	Cooling energized on a call for cooling
G	Fan energized
CLK1 ⟩	Use with remote clock/timer for
CLK2 ⟋	alternate setpoints.

RS2 ⟍ Use to connect Outdoor Temperature Sensor
RS1 ⟩ Option and/or Indoor Remote Sensor option.
RS+V ⟋ Refer to the instructions included with the sensors.

– Equipment load resistors (provided) may be required on the 'Y' and 'G' switching circuits if the equipment cannot draw .080 Amps per circuit minimum.

– Connect load resistors at the equipment.