

SLIMLINE

DSL-345

**SINGLE SETPOINT HEATING/COOLING
THERMOSTAT WITH AUTO CHANGEOVER
AND REVERSING VALVE OUTPUTS FOR
HYDRONIC AND FAN COIL APPLICATIONS
- 1 HEAT/1 COOL**

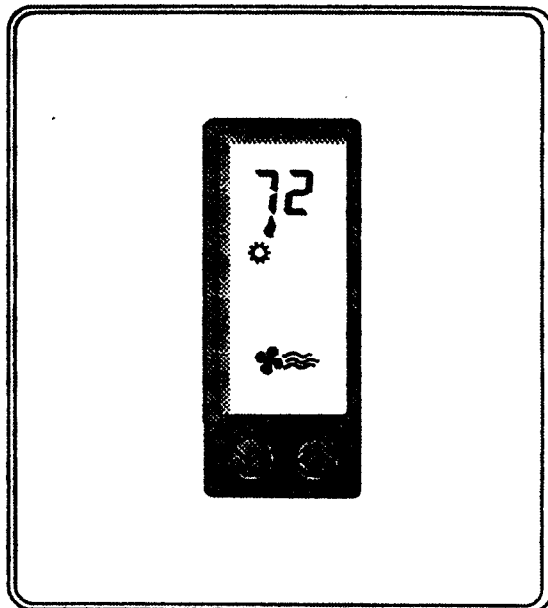
GENERAL DESCRIPTION

The DSL-345 single setpoint single stage thermostat is designed for new or replacement commercial or residential applications, including some hydronic systems, ie. fan coils. The DSL-345 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-345 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

- Single setpoint.
- 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.
- Does not require a battery (always maintains the last setpoint and mode of operation following power outages of any duration.)
- Thermostat output using relays.
- Latchable access cover.
- Indoor remote temperature sensor (optional).
- Independent circuit switching.
- 2°F (1°C) Heat/Cool separation.
- Built-in anticipation & droop.
- Minimum on/off times (2 or 4 minute selectable).

NOTE: Specifications are subject to change without notice.



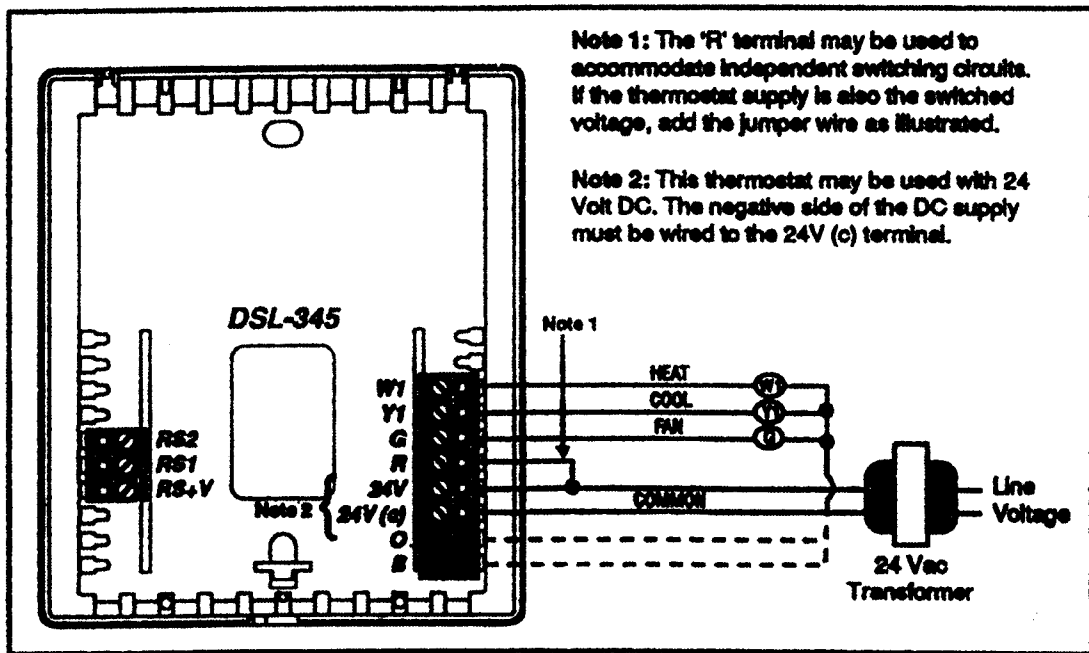
ACTUAL SIZE

enerstat™

SPECIFICATIONS

- Rated Voltage:** 20 to 30 Vac, DC 24 Nominal
- Rated A.C. Current:** .050 Amps to 0.75 Amps continuous per output with surges to 3 Amps Max.
- Rated D.C. Current:** .0 Amps to 0.75 Amps continuous per output with surges to 3 Amps Max.
- Control Range**
Heating: 38 to 68°F in 1° Steps (5 to 30°C in 1° Steps)
Cooling: 60 to 106°F in 1° Steps (16 to 40°C in 1° Steps)
- Thermostat**
Measurement Range 28 to 124°F or 0 to 48°C
- Control Accuracy:** ± 1°F at 68°F (0.5°C at 20°C)
- 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, X, W, Y, G, O, B
- Minimum**
Wires Required: 7

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



OUTPUT TERMINAL FUNCTIONS

RS2	} Use to connect the indoor Remote Sensor option. Refer to the instructions included with the sensors.	G	Energizes the fan circuit on a call for heating or cooling
RS1		R	Energizes independent Switching voltage
RS+V		24 Vac	24 Vac
W1	Energizes on a call for first stage heat	24 Vac (c)	24 Vac (Common)
Y1	Energizes on a call for first stage cool	O	Energizes the valve in the cooling mode
		B	Energizes the valve in the heating mode