

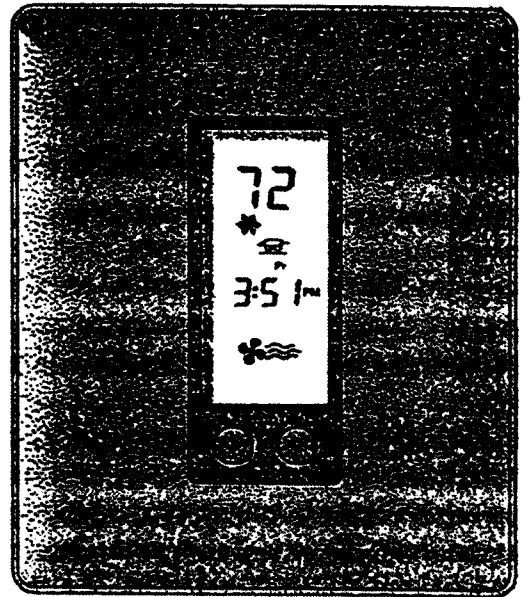
# SLIMLINE

## SC1

### PROGRAMMABLE COOL ONLY THERMOSTAT

#### GENERAL DESCRIPTION

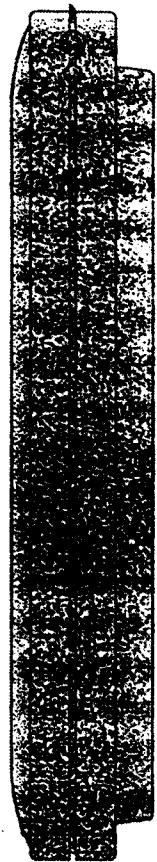
The SC1 programmable thermostat is designed for new or replacement single state 'cool only' applications. The SC1 represents the latest in solid-state surface mount electronics and manufacturing techniques incorporated into an extremely low profile, ultra-slim white ABS plastic case. The SC1 contains a "user friendly" program along with an easy-to-read vertical LCD that displays all current information and operation modes. 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.
- 12 hour or 24 hour clock.
- Daylight Savings Time button to adjust the clock  $\pm$  1 hour.
- 5/2 programming with 4 events per day.
- Lockable access cover.
- Temporary override (3 hours).
- Continuous override (Hold).
- Outdoor temperature sensor (optional).
- Indoor remote temperature sensor (optional).
- Solid state electronic outputs.
- Built-in anticipation & droop.
- Minimum on/off time (2 or 4 minute selectable).
- Does not require a battery (always maintains the last setpoints and mode of operation following power outages of any duration.)

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

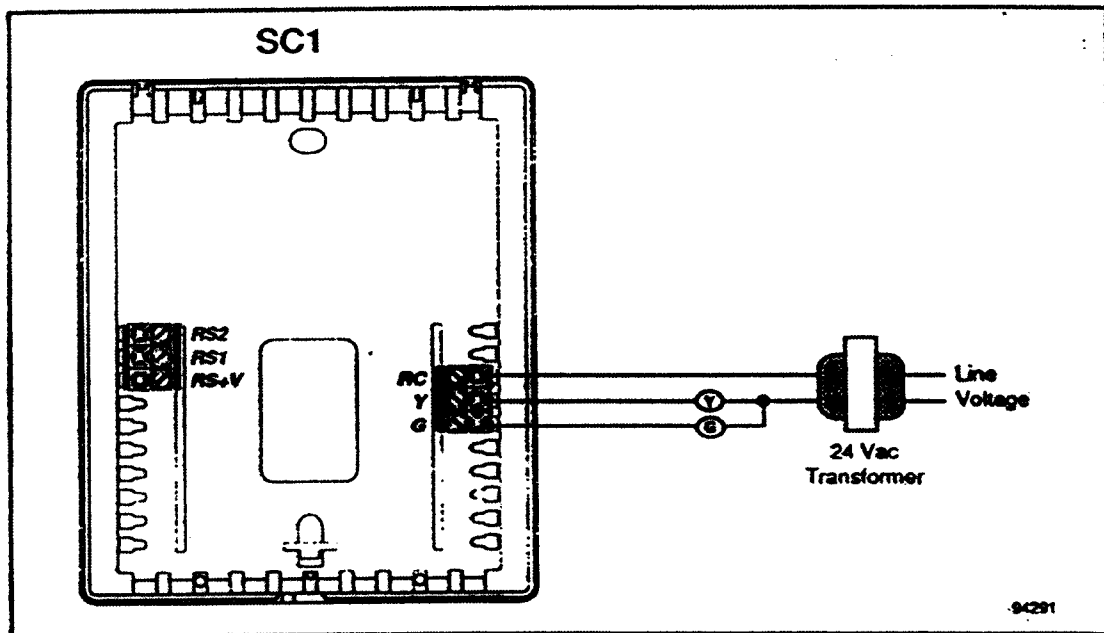


**ACTUAL SIZE**

**enerstat**

## SPECIFICATIONS

Rated Voltage:	20 to 30 Vac, DC 24 Nominal
Rated A.C. Current:	.080 Amps to 1.5 Amps continuous per output with surges to 4 Amp Max.
Control Range	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:	± 1°F at 68°F (0.5°C at 20°C)
Dimensions:	4.5"H x 4"W x 7/8"D (114mm x 102mm x 22mm)
Terminations:	R, Y, G
Minimum Wires Required:	3



### OUTPUT TERMINAL FUNCTIONS

<b>RC</b>	24 Vac from the cooling equipment transformer	<b>RS2</b>	} Use to connect Outdoor Temperature Sensor Option. Refer to the instructions included with the sensors.
<b>Y</b>	Energizes the cooling equipment with a call for cooling	<b>RS1</b>	
<b>G</b>	Energizes the fan when the fan is selected or with a call for cooling	<b>RS+V</b>	

- Equipment load resistors (provided) may be required on the 'Y' and 'G' switching circuits if the equipment loads do not draw .080 amps per circuit minimum.  
 - Connect load resistors at the equipment.