

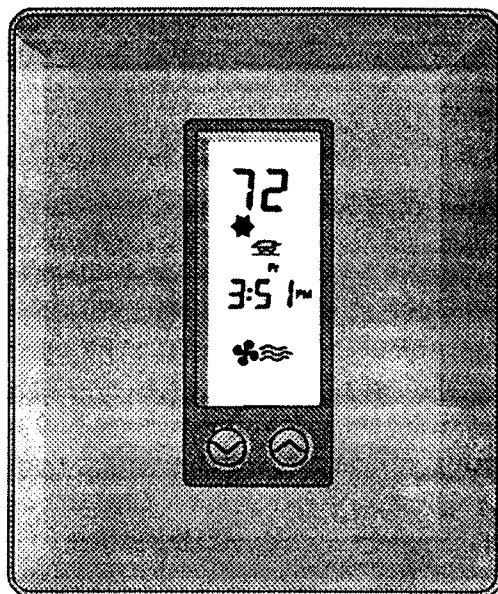
# SLIMLINE

## SK3

### RESIDENTIAL AUTO CHANGEOVER PROGRAMMABLE HEATING AND COOLING THERMOSTAT – 1 HEAT/1 COOL

#### GENERAL DESCRIPTION

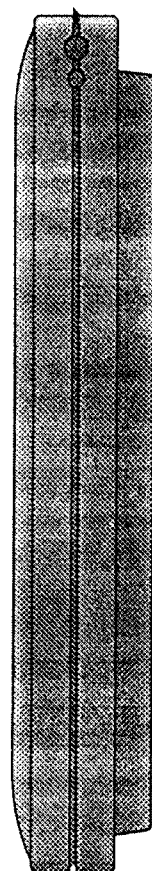
The SK3 programmable thermostat is designed for new or replacement single stage residential applications. The SK3 represents the latest in solid-state surface mount electronics and manufacturing techniques incorporated into an extremely low profile, ultra-slim white ABS plastic case. The SK3 contains 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 heating and cooling call.
- 12 hour or 24 hour clock.
- Daylight Savings Time button to adjust the clock  $\pm$  1 hour.
- Override feature.
- Does not require a battery (always maintains the last setpoints and mode of operation following power outages of any duration.)
- Solid state electronic output.
- 5-2 programming with 4 events per day.
- Lockable access cover.
- Plenum fan switch.
- Temperature override (3 hours).
- Continuous override (Hold).
- Outdoor temperature sensing (optional).
- Indoor remote temperature sensing (optional).
- 2°F (1°C) minimum Heat/Cool separation.
- Built-in anticipation & droop.
- Minimum on/off time (2 or 4 minute selectable).
- High temperature thermal cut-off switch.

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

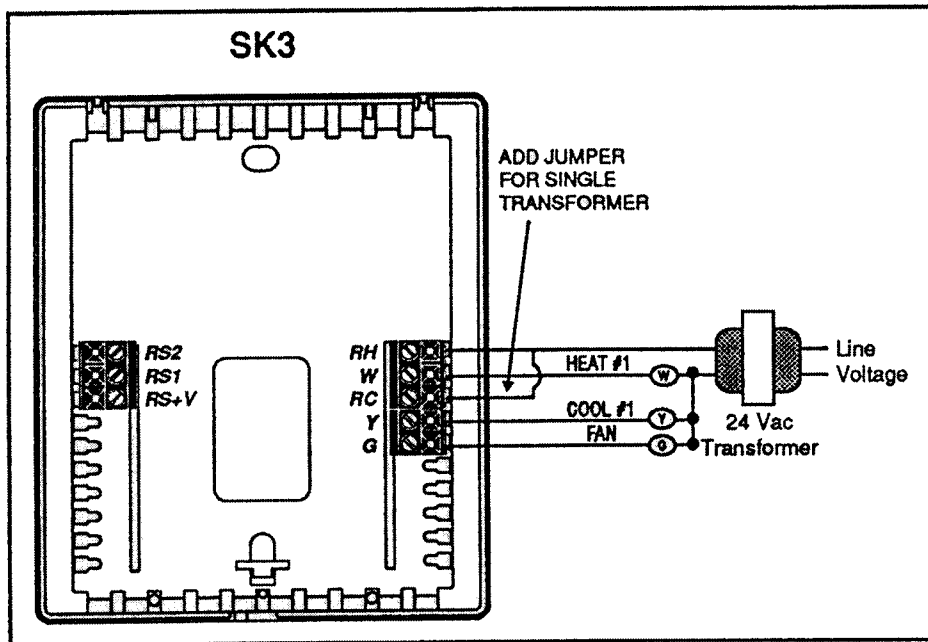


**ACTUAL SIZE**

# 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 Heating: 40 to 88°F In 1° Steps (6 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: ± 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 4.0"W x 7/8"D (114 mm x 102mm x 22mm)
- Terminations: RH, W, RC, Y, G
- Minimum Wires Required: 4 (Single Transformer)



## OUTPUT TERMINAL FUNCTIONS

- |   |   |
|---|---|
| <b>RH</b> 24 Vac Supply from heating equipment transformer                                | <b>RS2</b> } Use to connect Outdoor Temperature Sensor  |
| <b>W</b> Energizes the heating equipment with a call for heating                          | <b>RS1</b> } Option. Refer to the Instructions included |
| <b>RC</b> 24 Vac from the cooling equipment transformer                                   | <b>RS+V</b> } with the sensors.                         |
| <b>Y</b> Energizes the cooling equipment with a call for cooling                          |   |
| <b>G</b> Energizes the fan when the fan is selected or with a call for heating or cooling |   |
- Equipment load resistors (provided) may be required on the "W" switching circuit if the equipment loads do not draw a minimum of .080 amps.
  - Connect load resistors at the equipment.