



Micro-STAT[®]

SENSORS S60, S70 S80, S90



S60 DUCT SENSOR ADAPTER FOR THERMOSTAT

This sensor can be mounted directly onto the back of any MICRO-STAT, with the supplied hardware. This transforms the MICRO-STAT into a duct-mounted stat.



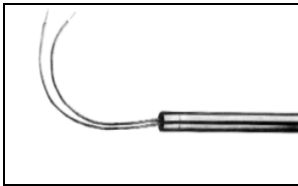
S70: REMOTE DUCT SENSOR

This sensor can be mounted directly onto the supply or return of the ventilation duct. The MICRO-STAT may be located on the wall with temperature sensing from the remote S70 sensor location.



S80: ROOM SENSOR

This sensor can be wall in any remote location. The MICRO-STAT may be located on the duct or other location, with temperature sensing from the S80 sensor location.



S90: IMMERSION SENSOR

This sensor is intended for temperature control for hot or cold water, or other fluids. The sensor features 316 Stainless steel construction with 1/4"

diameter.

APPLICATIONS

- Remote control of temperature from air return.
- Remote control supply temperature.
- Limitation of supply temperature.
- Auto changeover of damper operation from supply temperature monitoring.
- Hot water control.

TEMPERATURE SENSORS ARE COMPATIBLE WITH ALL VICONICS MICRO-STAT SERIES ELECTRONIC THERMOSTATS.

- WALL
- DUCT
- IMMERSION

The model S60, S70, S80, S90 are part of Viconics' Micro-Stat Series low voltage RHVAC room temperature and humidity controls line.

SPECIFICATIONS

Operating Conditions: -18 °C to 82 °C (0 °F to 180 °F)
0% to 95% R.H. non-condensing

Sensor: 47 K NTC thermistor

Interchangeability: ± 1 °C @ 25 °C (± 1.8 °F @ 77 °F)

Accuracy: ± 2 °C (for -18 °C to 82 °C)
± 3.6 °F (for 0 °F to 180 °F)

WIRING

These sensors may be wired using standard copper wiring 12 to 24 Ga. without regard to sensor polarity. Remove the internal "J4" thermostat jumper. By removing this internal jumper, one of these sensors may be used instead of the temperature sensor in the MICRO-STAT.

Wire lengths may exceed 100 feet without causing temperature errors, due to the high 47,000 ohm resistance.

Avoid running long sensor leads closed to, or in the same conduit as, high voltage and power wiring.

Four sensors may be wired in series / parallel combination in order to obtain average temperature readings.

ORDER CODE

S60 - **47K** DUCT SENSOR ADAPTER FOR THERMOSTAT

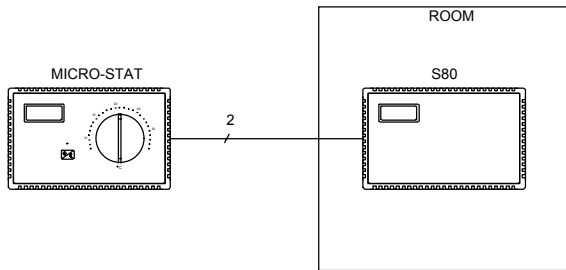
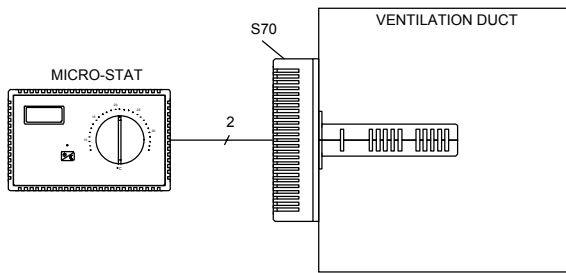
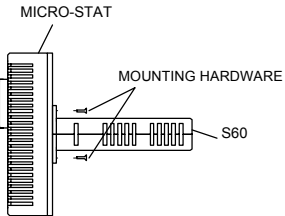
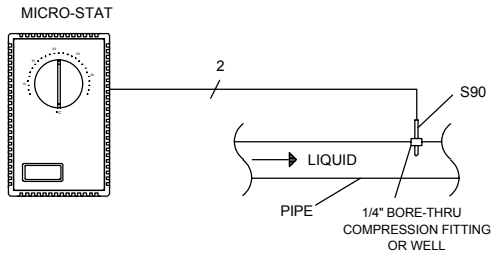
S70 - **47K** REMOTE DUCT SENSOR

S80 - **47K** ROOM SENSOR

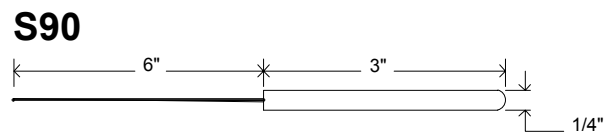
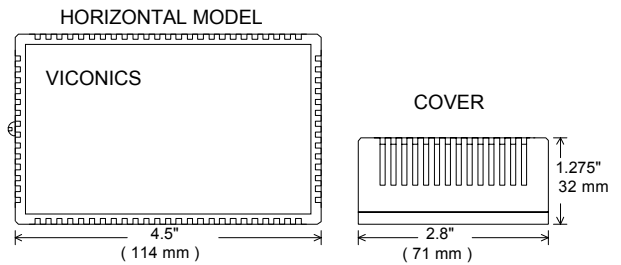
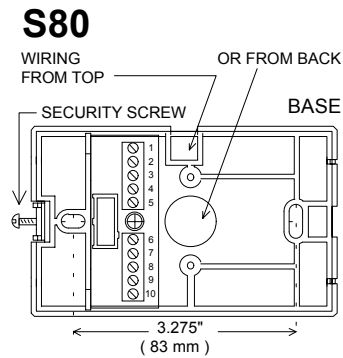
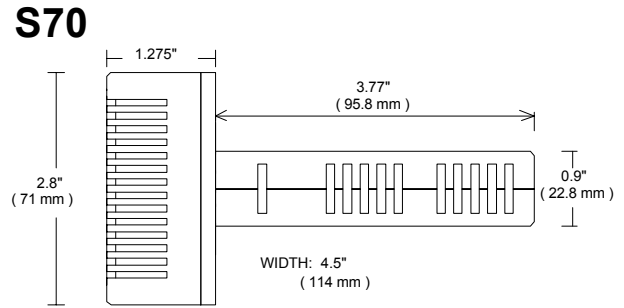
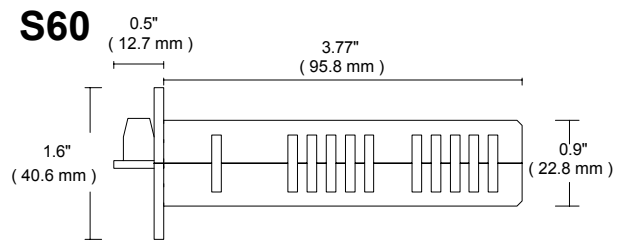
S90 - **47K** IMMERSION SENSOR

Example: S80 - 47K

APPLICATIONS



DIMENSIONS



Specifications and equipment are subject to change without prior notice.

Represented by: