The Series TE-A Averaging Temperature Sensors are used to measure the temperature in large ducts and air handler units. Bendable aluminum capillaries are available in 6’, 12’, and 24’ foot lengths. These capillaries consist of four thermistor or RTD sensors which are internally averaged to give a single output signal. Series CC1 mounting brackets are available to mount the capillary to the wall of the duct or air handler without kinking the sensor wires inside the probe. For faster installation, the enclosure has multiple knockouts, wide mounting ears, and a screw-off captured lid.

**SPECIFICATIONS**

**Accuracy:**
- Thermistor temperature sensor: ± 0.22°C @ 25°C (±0.4°F @ 77°F);
- RTD temperature sensor: DIN class B: ±0.3°C @ 0°C (±0.5°F @ 32°F).

**Temperature Limits:** -40 to 302°F (-40 to 150°C).

**Capillary Lengths:** 6, 12 or 24’ (depending on model).

**Cable Length:** 4”.

**Sensor Curves:** See resistance vs. temperature table on the website.

**Probe Material:** Bendable aluminum probe.

**Housing Material:** Meets UL, 94 V-0 polycarbonate plastic.

**Weight:** 14 oz (397 g).

**ACCESSORIES**

- CC1-N, Averaging Temperature Sensor Clip, Natural
- CC1-B, Averaging Temperature Sensor Clip, Beige
- CC1-GY, Averaging Temperature Sensor Clip, Grey

The Series CC1 Averaging Temperature Sensor Clips are used to mount the capillary of the AVG series temperature sensor to the wall of the duct or air handler. The clips are available in grey, beige or a natural color. The clip can hold 1/8”, 1/4” or 3/8” capillary diameters. The top of the mounting clip can also be used to hold a single 1/4” diameter temperature probes in place. Slots are provided for using nylon zip ties to hold the tubing in place, if needed.

**Model** | **Sensor Type** | **Capillary Length** | **Model** | **Sensor Type** | **Capillary Length**
---|---|---|---|---|---
TE-AAG-A0634-00 | 10K Type 3 NTC Thermistor | 6’ | TE-AAG-D0634-00 | Pt100 RTD | 6’
TE-AAG-A1234-00 | 10K Type 3 NTC Thermistor | 12’ | TE-AAG-D1234-00 | Pt100 RTD | 12’
TE-AAG-A2434-00 | 10K Type 3 NTC Thermistor | 24’ | TE-AAG-D2434-00 | Pt100 RTD | 24’
TE-AAG-B0634-00 | 10K Type 2 NTC Thermistor | 6’ | TE-AAG-E0634-00 | Pt1000 RTD | 6’
TE-AAG-B1234-00 | 10K Type 2 NTC Thermistor | 12’ | TE-AAG-E1234-00 | Pt1000 RTD | 12’
TE-AAG-B2434-00 | 10K Type 2 NTC Thermistor | 24’ | TE-AAG-E2434-00 | Pt1000 RTD | 24’
TE-AAG-C0634-00 | 3K NTC Thermistor | 6’ | TE-AAG-F0634-00 | 20K NTC Thermistor | 6’
TE-AAG-C1234-00 | 3K NTC Thermistor | 12’ | TE-AAG-F1234-00 | 20K NTC Thermistor | 12’
TE-AAG-C2434-00 | 3K NTC Thermistor | 24’ | TE-AAG-F2434-00 | 20K NTC Thermistor | 24’

**Model** | **Color**
---|---
CC1-N | Natural
CC1-B | Beige
CC1-GY | Grey

(sold individually)