



## OptiNet® Optimizing Ventilation Performance



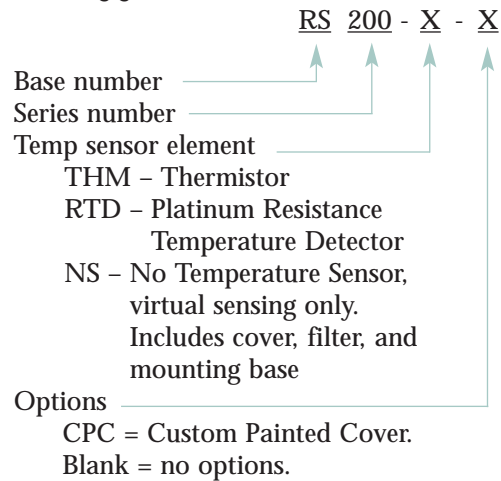
### FEATURES

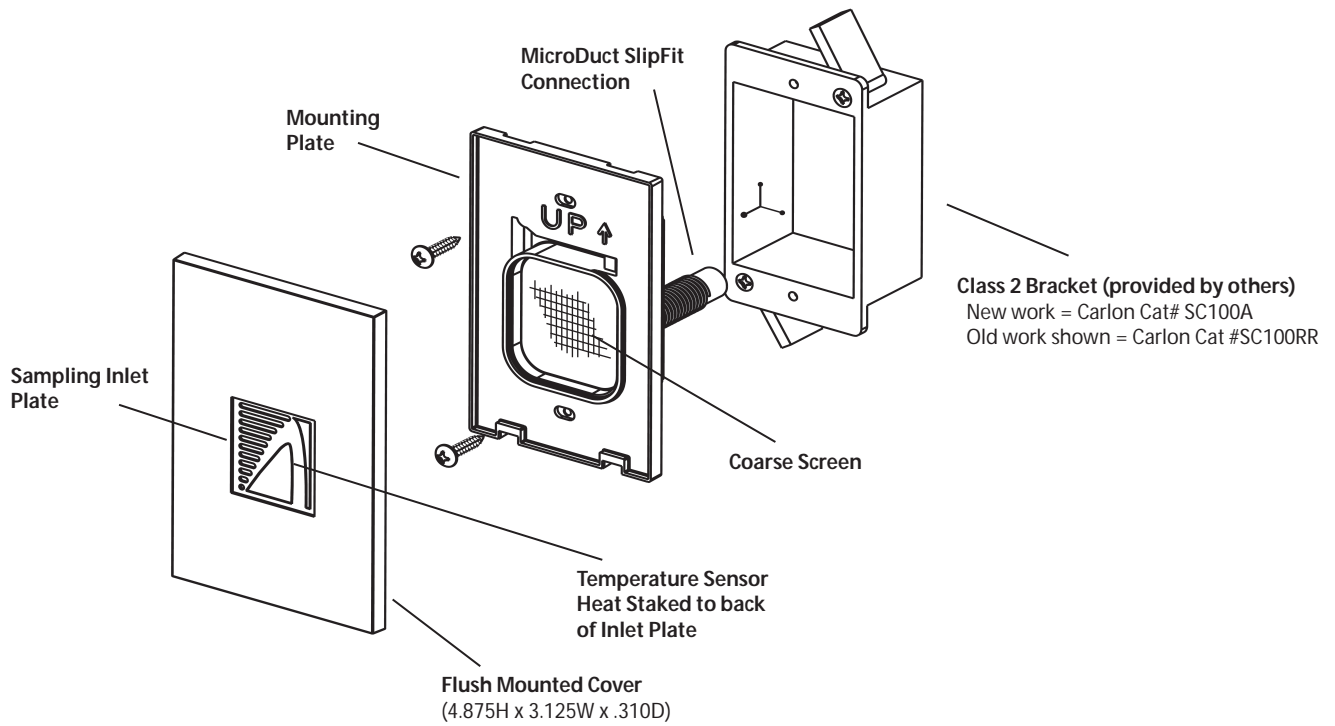
- Flush mounted cover with custom painting options
- In-line Stainless Steel Coarse filter
- Thermistor or RTD sensing elements
- Provides MicroDuct® termination point, enabling virtual sensing

## RS200 Room Sensor

The RS200 Room Sensor interfaces to the ADR500 Air Data Router for discrete room level sensing of temperature, and for drawing air samples back to the SST Series Sensor Suite through the patented MicroDuct® communications path. Depending on the configuration of the Sensor Suite, many additional environmental parameters can be monitored “virtually” such as carbon dioxide (CO2), carbon monoxide (CO), dewpoint temperature, relative humidity (RH); small particles, and total volatile organic compounds (TVOCs). The sensor is designed with an architecturally pleasing flush mounted cover that can be optionally painted to match the interior room finishes.

### Ordering guide





## SPECIFICATIONS

### Electrical

**Power:** Thermistor and RTD model:  
± 12 Vdc from ADR500 Air Data Router  
NS (No Sensor) model: no power required

**Power Consumption:**  
Thermistor and RTD model: 0.25 VA  
NS (No Sensor) model: 0.0 VA

### Sensors

**Temperature:**  
Thermistor: range 30° - 120° F (-1° - 49°C)  
Accuracy: ± .75°F (± .42°C)

Platinum RTD: range -30° - 130°F (-34° - 54°C)  
Accuracy: ± 0.30°F (± .17°C)

**Virtual:** Refer to the Sensor Suite Sensors data sheet.

### Connections

**Wiring:** 4-position screw-down connector  
**MicroDuct:** Slip fit

### Materials

**Cover:** UL listed molded polycarbonate  
**Sampling Plate:** clear anodized aluminum  
**Screen:** stainless steel