

# Accessory Enclosures

For the Ventostat 8000 Series



Outside Air

Duct Mount Aspiration Box

Splash Resistant Enclosure

Shown with  
Sensor Installed

Telaire® offers three accessory enclosures that are designed enhance the 8000 Series Ventostat® CO<sub>2</sub> Sensor/Controller in specialized applications.

**Model 1508 Aspiration Box:**

Designed for in-duct sampling of CO<sub>2</sub> in flow rates greater than 400 fpm.

**Model 1505 Splash Resistant Enclosure:**

Designed to protect the 8000 series in damp or wet environments as might occur in agricultural, industrial or food processing environments.

**Model 1551 Outdoor Air Enclosure:**

A weatherproof enclosure designed to allow the 8000 series sensor to operate in an outdoor environment and/or where ambient temperatures are below freezing. Ideal for monitoring outside air or CO<sub>2</sub> as a surrogate for combustion fumes in parking garages, tunnels and loading docks.

Enclosures are sold separately from CO<sub>2</sub> sensor/controllers

## 1508 Aspiration Box



The Model 1508 is designed for in-duct sampling of CO<sub>2</sub> concentrations at flow rates greater than 400 fpm. Clear cover allows for observation of the sensor. Will accommodate any wall mount model of Telaire® Ventostat® 8000 series. Enclosure is screwed to the duct with probe inserted into airstream. Air sampling probe is 1" in diameter and 8" long. Enclosure (ABS plastic) has knockouts for conduit connection. Note: Wiring penetrations must be sealed prior to use. CO<sub>2</sub> sensor not included.

## 1505 Splash Resistant Enclosure:



The Model 1505 is designed to protect the 8000 series in damp or wet environments as might occur in agricultural, industrial or food processing environments. This enclosure (ABS plastic) is designed to protect the sensor from dripping or sprayed water. Any wall mount model of the Telaire® 8000 series sensor can be installed inside the enclosure. The transparent cover allows for viewing of the sensor/display. Four diffusion ports allow for entry of CO<sub>2</sub>. Knockouts are provided for conduit connection. Response time of the sensor is slowed to approximately 30 minutes to measure a 90% step change in concentrations. Enclosure is designed to screw directly to a wall. CO<sub>2</sub> sensor not included.

## 1551 Outside Air Enclosure:



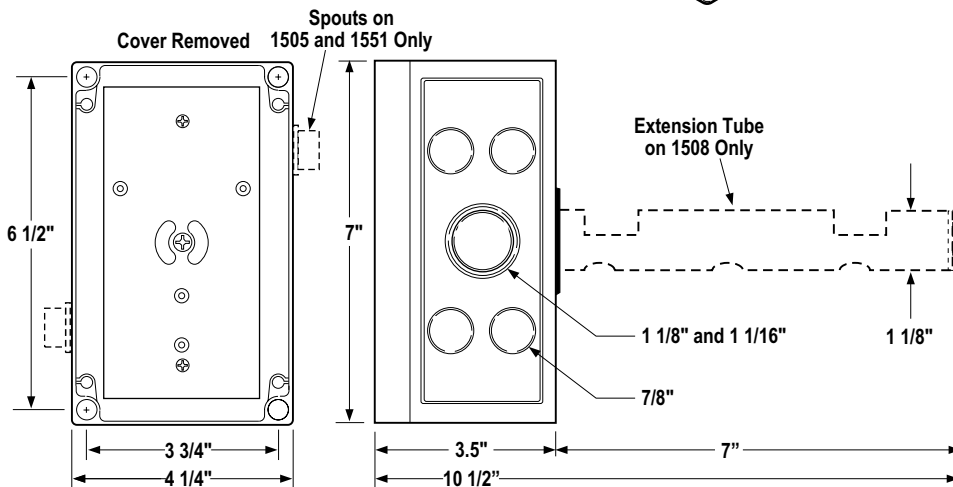
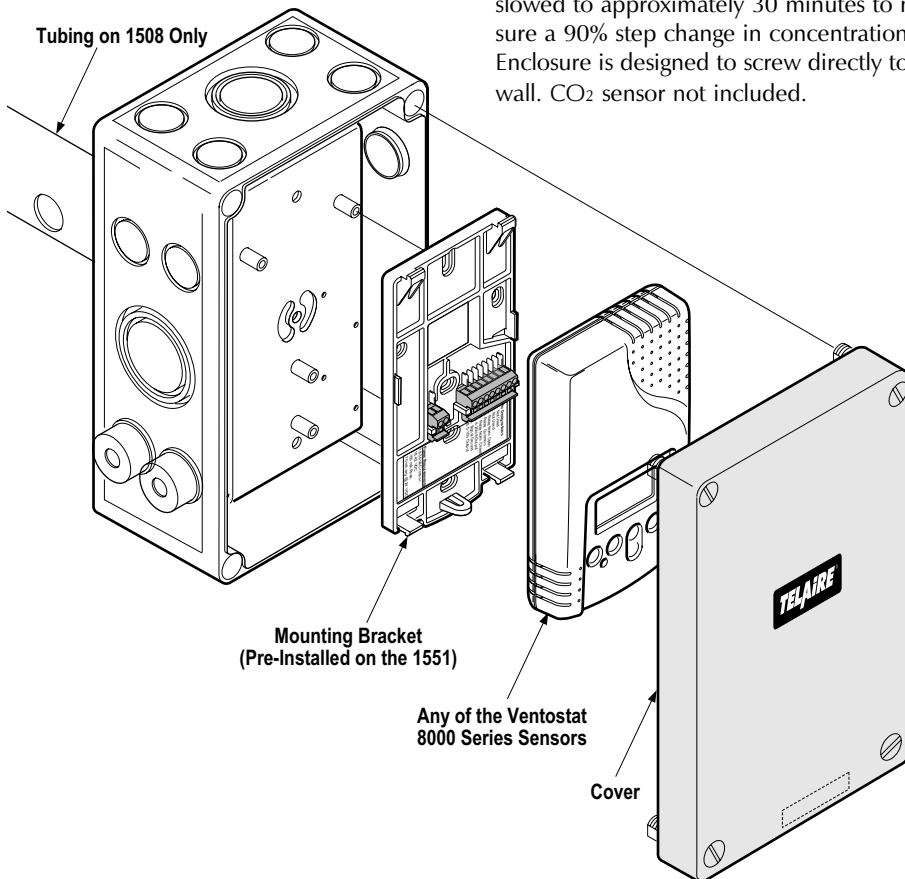
The Model 1551 is a rugged weatherproof enclosure (ABS plastic), designed to allow the 8000 series sensor to operate in an outdoor environment and/or where ambient temperatures are below freezing. The 1551 is ideal for monitoring outside air or CO<sub>2</sub> as a surrogate for combustion fumes in parking garages, tunnels and loading docks. This enclosure features a temperature control circuit and internal heaters to maintain the sensor within its normal operating temperature range, even if temperatures outside the enclosure are as low as -20 F (-29°C). Four diffusion ports allow for entry of CO<sub>2</sub>. Response time of the sensor is slowed to approximately 30 minutes to measure a 90% step change in concentrations. Enclosure is designed to screw directly to a wall. CO<sub>2</sub> sensor not included.

**Power Consumption:** 24V, 1.5 Amp (max) - including Ventostat® 8000 series

**Cross Reference:** The Model 1551 Outside Air Enclosure combined with a Telaire® Ventostat® 8000 series meets or exceeds the performance requirements of the Telaire® Model 2051 Outside Air Enclosure.

### Products Compatible with Accessory Enclosures

8001	8001B
8002	8002B
8101	8101B
8102	8102B
8502	



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It is our intention to keep the product information current and accurate. We can not cover specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information or questions relative to this Specification Sheet, contact Telaire.

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