TELAIRE®

Telaire Accessories

Calibration Kits, Enclosures, Software, Cables

Calibration Kits
The Calibration Kit Model T2075NG includes all of the necessary components for calibrating the Telaire® 7001 and Ventotstat 8000 and 8100 series models. The kit is housed in a carrying case with only one replacement part (calibration gas (not supplied)) required. A 16 liter gas bottle (not supplied) can perform up to 20 calibrations. Calibration Kit Model T2076NG calibrates the Vaporstat 9002.

Accessory Enclosures
Telaire offers four enclosures to expand the Ventostat and Vaporstat installation options: Model T1508 Aspiration Box, Model T1505 Splash Resistant Enclosure, and Model T1551 and T1552 Outdoor Air Enclosures.

Software
Windows based VG Graphing Software allows you to easily download your IAQ measurements and customize graphs.

2080 CO_2 View Logging Software
CO2 View is a Windows based program that interfaces with the 7000 series. This easy to use program displays and graphs real-time CO_2 levels at a user adjustable interval.

UIP T2090
Modify your 8000 series (T8100, T8200, T8300).

7001 Accessories
The Telaire 7001 hand held CO_2 and temperature monitor is equipped with an output for recording data. The cable, Model T2070, can be used with devices that accept a 0 to 4V signal.

A relative humidity and datalogging kit with graphing software, Model T2077, is available for long term monitoring.

Part 62933 is an adapter for international operation.

Amphenol

Advanced Sensors

Enclosures Specifications

Enclosures are compatible with all Ventostat 8000 series (except the 8003 and 8009) and Vaporstat 9002 models.

T1508 Aspiration Box

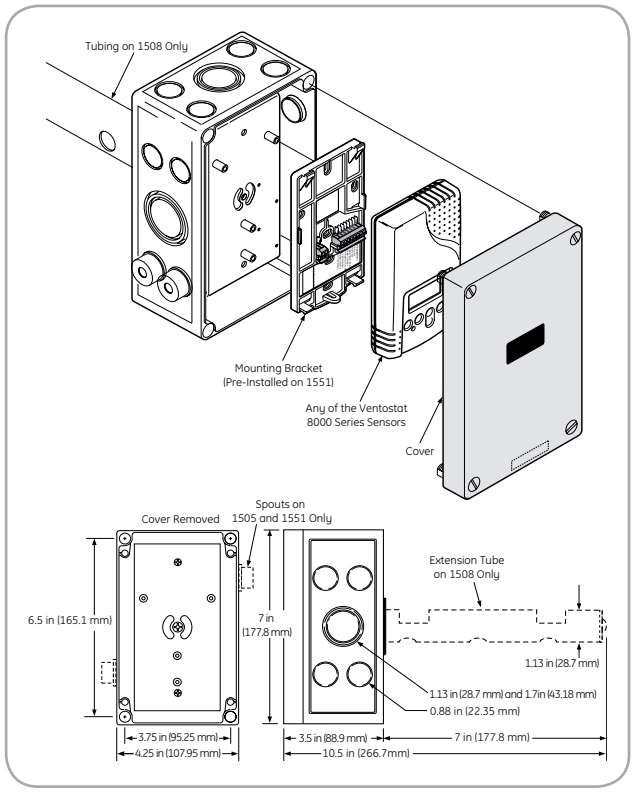
The Model 1508 is designed for in-duct sampling of CO_2 concentrations at flow rates greater than 400 fpm. Clear cover allows for observation of the sensor. Enclosure is screwed to the duct with probe inserted into airstream. Air sampling probe is 1 in (25.4 mm) diameter and 8 in (203.2 mm) long. Enclosure (ABS plastic) has knockouts for conduit connection. CO_2 Sensor not included.

T1505 Splash Resistant Enclosure

The Model 1505 is designed to protect the sensor in damp or wet environments which might occur in agricultural, industrial or food processing environments. This enclosure (ABS plastic) is designed to protect the sensor from dripping or sprayed water. The transparent cover allows for viewing of the sensor/display. Four diffusion ports allow for entry of CO_2. 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_2 sensor not included.

T1551 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_2 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_2. Response time of the sensor is slowed approximately 30 minutes to measure a 90% step change in concentrations. Enclosure is designed to screw directly to a wall. CO_2 sensor not included.



T1552 Outside Air Enclosure

The Model 1552 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 1552 is ideal for monitoring outside air or CO_2 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_2. 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_2 sensor not included. Power consumption is 24V, 1.5 Amp (max), and includes the Ventostat 8000 series.

Power Consumption

24V, 1.5 Amp (maximum) – including sensor

Software
T2072 and T2080

Software Compatibility
Windows 7

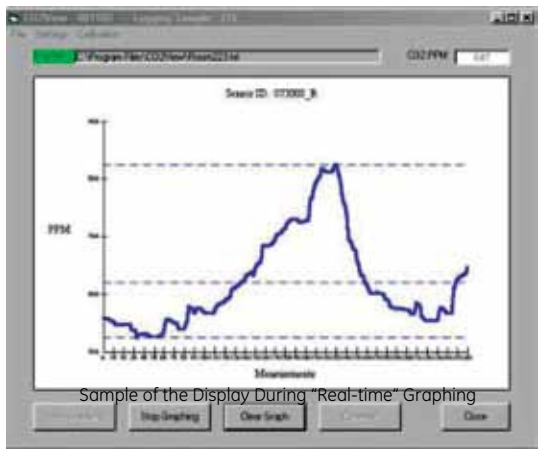
Product Supporting
Telaire 7001, all 8000 Series Products, 6003 Module

Functionality
- Log and Graph CO_2 Levels (Sequential Record, No Time Stamp)
- Store Logged Files to a .TXT format for use with other programs
- Perform Zero and Span Calibration On Telaire's 8000, 7001 and 6000 series sensors

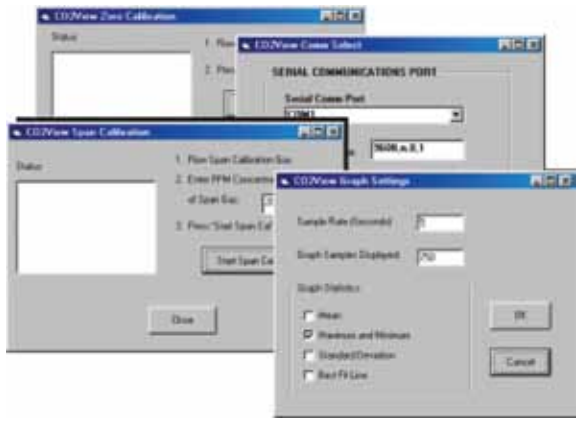
Connection Port
PC RS-232 Port, Telaire Product RJ45 Connector (Cable P/N 62285 available)

62285 Connection Cable
Telaire Part No. 62285

Graphing Adjustments
- Sample Time Interval
- Number of Measurements Displayed
- Display Maximum/Minimum
- Display Mean
- Display Standard Deviation
- Display Best Fit Line



Sample of the Display During "Real-time" Graphing



The software features:
- Altitude adjustment for maximum accuracy performance
- Analog output adjustment
- Single point and span gas calibration
- Turn on and off ABC Logic™
- Change temperature display units
- Graphing and logging of CO_2, temperature and %RH (H Versions only)

Ventostat UIP Software (T2090)
The Ventostat UIP software allows you to modify the standard settings on the T8100, T8200 and T8300 series products.

The software can be used by distributors to make modifications to the Ventostat prior to shipping to the customer, as well as to make adjustments in the field. The USB cable supplies power to the Ventostat, negating the need for a separate power supply.

The T2090 UIP software kit is supplied with a USB-to-Ventostat cable and software CD.

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