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Calibration Kits
The Calibration Kit Model 2075 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) required. Each 16 liter gas bottle can perform up to 20 calibrations. Calibration Kit Model 2076 calibrates the Vaporstat 9002.

Accessory Enclosures
GE Sensing offers three enclosures to expand the Ventostat and Vaporstat installation options: Model 1508 Aspiration Box, Model 1505 Splash Resistant Enclosure, Model 1551 Outdoor Air Enclosure.

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

2080 CO_2 View Logging Software
CO_2 View is a Windows based program that interfaces with the 8000 and 7000 series sensors. This easy to use program displays and graphs real-time CO_2 levels at a user adjustable interval.

UIP 2072
Make adjustments and modify your 8000 series CO_2 sensor parameters.

7001 Accessories
The Telaire 7001 hand held CO_2 and temperature monitor is equipped with an output for recording data. The cable, Model 2070, can be used with devices that accept a 0 to 4V signal

A relative humidity and datalogging kit with graphing software, Model 2077, is available to long term monitoring.

Part 62933 is an adapter for international operation.

Telaire Accessories

Calibration Kits, Enclosures, Software, Cables

Telaire accessories are part of the Telaire product line. Telaire has joined other GE high-technology sensing businesses under a new name–GE Industrial, Sensing.

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Calibration Kits 2075 and 2076

Calibration Process

The calibration is simple and can be done in just a few minutes. Each CO_2 model has a calibration process similar to the following:

- Connect the tubing assembly to the sensor and connect the regulator to the gas bottle.
- Initiate the calibration process by using the sensor buttons and display.
- The process is automatically run by the sensor and will signal upon completion.
- Last, disconnect the tubing and gas regulator.

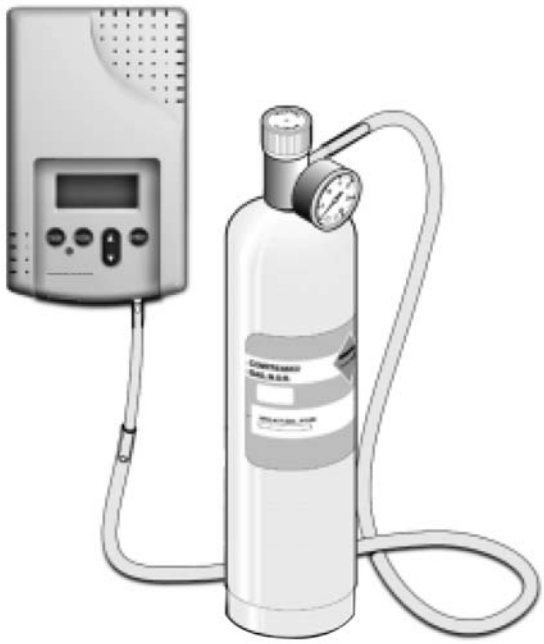
2075 Components

The Calibration Kit Model 2075 includes:

- Instruction sheet
- One bottle of nitrogen gas
- Tubing assembly
- Gas regulator with guage
- Carrying case.

Calibrates the following models:

- Ventostat 8000 and 8100 Series
- Telaire 7000 Series



The illustration shows the complete set-up for calibrating a sensor with display.

2076 Components

The Calibration Kit Model 2076 includes:

- Instruction sheet
- One bottle of pure nitrogen gas
- Tubing assembly
- Gas regulator with guage
- Carrying case.
- Flow Meter

Calibrates the following models:

- Vaporstat 9002

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Enclosures Specifications

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

1508 Aspiration Box

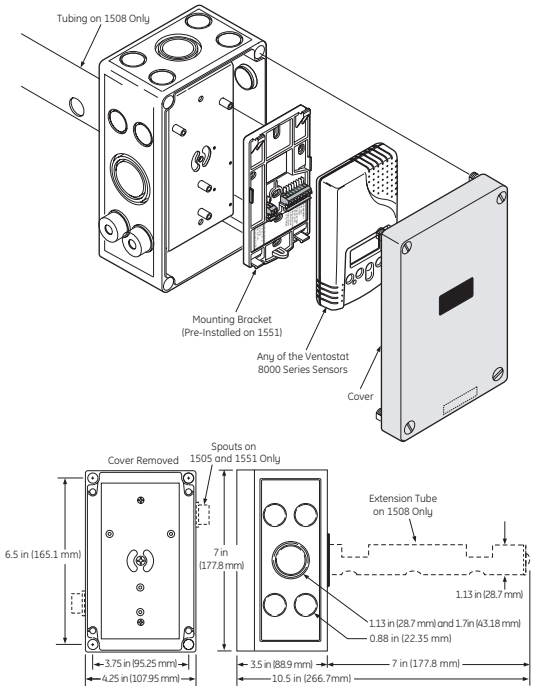
The Model 1508 is designed for in-duct sampling of CO_2 concentrations at flow rates greater than 400 fpm. Clear cover allows for observation of the sensor. Enclosure is screwed to the duct with probe inserted into airstream. Air sampling probe is 1 in (25.4 mm) diameter and 8 in (203.2 mm) long. Enclosure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

1505 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.

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_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.

Power consumption

24V, 1.5 Amp (maximum) – including sensor

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Software 2072 & 2080

Software Compatibility
Win 95, Win 98, Win 2000

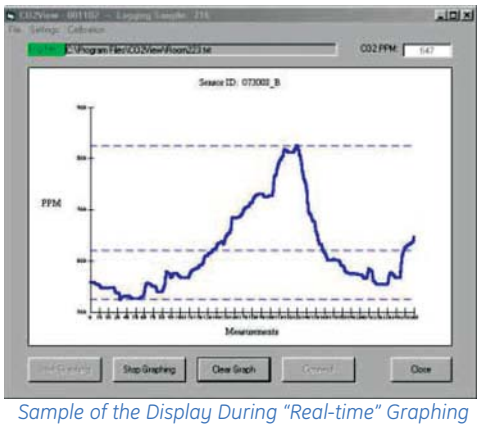
Product Supporting
Telaire 7001, all 8000 Series Products, 6003 Module

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

Installed Size
< 5 MB

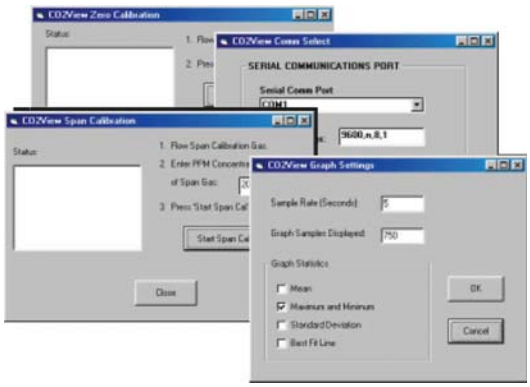
Connection Port
PC RS-232 Port, Telaire Product RJ45 Connector (Cable P/N 62285 available)

62285 Connection Cable
Telaire Part No. 62285



Sample of the Display During "Real-time" Graphing

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



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Datalogging Kit 2077

Attaches to the back of the 7001 and is equipped with a custom cable to read CO_2 levels via the RJ-45 connection. One additional port is available to record a fourth gas. Includes datalogging software. May also be used as standalone to measure RH and temperature.

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