TELEMETRY
SUB-SLAB DIFFERENTIAL PRESSURE MONITORING SYSTEM

AMB
Vapor Monitoring

Sub-Slab Differential Pressure Monitoring System Features

- Is a form of Telemetry for monitoring sub-slab depressurization systems. Each Telemetry system is customized to meet your sites monitoring needs.
- Scheduled daily differential pressure readings from each of the pressure test locations and/or vent risers.
- Continuous monitoring to include real time alerts if any of the pressure test locations were to not meet the desired threshold.
- Records and stores differential pressure data to be downloaded for up to one year
- Access to recorded data and able to function the Sub-Slab Differential Pressure Monitoring System via the cloud providing remote access from any mobile or desktop device.
- Each system purchase comes with one year of monitoring services.
- If monitoring services after the first year are no longer wanted the Sub-Slab Differential Pressure Monitoring System provides the option to manually check differential pressure readings and install audible air flow alarms if needed.

How it Works

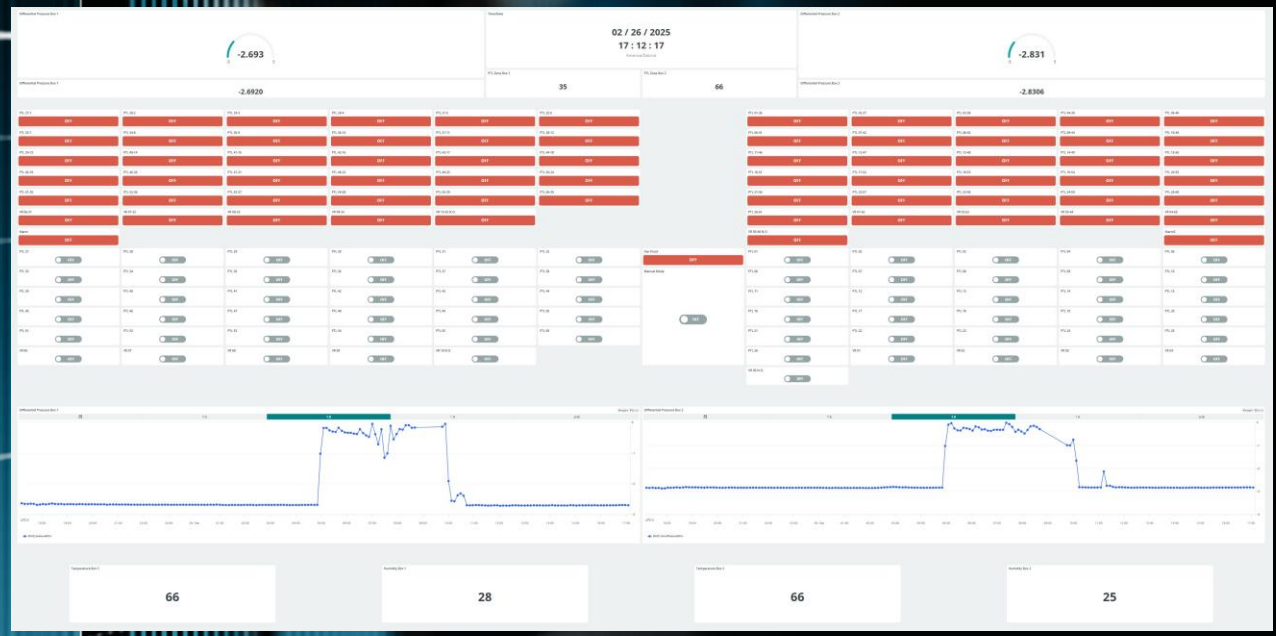
- The monitoring system is typically comprised of two wall boxes, the communication box and port box. Depending on the number of pressure test locations depends on the number of port boxes required.
- The Monitoring System is powered by a three-prong power cord that is plugged into a 120 Volt three prong receptacle during installation.
- The Monitoring System is LTE Cellular based which allows for remote access from the cloud.
- Each tube is connected from the pressure test port to a solenoid located in the port box of the Monitoring System. The solenoid is opened and closed from a relay on a relay board on demand from the programable logic controller
- The solenoid for the pressure test location is connected a series of manifolds that is connected to the differential pressure transmitter.
- The differential pressure transmitter communicates with the programable logic controller to record and send the differential pressure reading to the cloud.
- The differential pressure data can then be downloaded or viewed from the cloud dashboard from any mobile or desktop device.

The Cloud

The Cloud allows the user to remotely control and access the data from the Sub-Slab Differential Pressure Monitoring System. Functions of the cloud include:

- One dashboard for easy access to all your projects.
- Remote control of the solenoids to check individual pressure test locations
- Display of the differential pressure reading from the activated pressure test location
- Display of a graph of the differential pressure data of up to the past 365-days.
- Download the data as a .csv file and create a table showing the collected data readings
- Up to two user logins (one for the consultant and one for the owner/operator)

The purchase of an AMB Vapor Monitoring System includes one year of cloud access and 24-hour monitoring. After the first year, a subscription is required to continue access to the cloud with 24-hour monitoring. Subscriptions can be purchased on either a monthly or annual basis.



Installation

- AMB Vapor Monitoring designed the Monitoring System to be user friendly and easy to install.
- The average time to install the Sub-Slab Differential Pressure Monitoring System takes on average less than an hour once all the tubes are routed from the pressure test locations.
- Upon receiving the Monitoring System the wall boxes are mounted, three sets of low voltage wires are connected to pre labeled terminal blocks in the communication box from the port box, the manifold tube is connected to the differential pressure transmitter, connect the external antennas, and then the unit is plugged into the power source and you are ready to go!

Pressure Test Ports

- The Sub-Slab Differential Pressure Monitoring System can be installed on both new construction and existing buildings.
- Three versions of pressure test ports are available – Above Slab Pressure Test Ports, Below Slab Pressure Test Ports, and Vent Riser Pressure Test Ports.
- The pressure test ports are fixed with durable ¼-inch push to connect fittings to make the installation process fast and efficient.
- CFM Sensors are available for real time vent riser flow readings.

Models

The Sub-Slab Differential Pressure Monitoring System is available in the following models:

- AMB-07 (One Communication Box)
- AMB-14 (One Communication Box One Port Box)
- AMB-21 (One Communication Box One Port Box)
- AMB-28 (One Communication Box One Port Box)
- AMB-35 (One Communication Box One Port Box)
- AMB-42 (One Communication Box Two Port Boxes)
- AMB-49 (One Communication Box Two Port Boxes)
- AMB-56 (One Communication Box Two Port Boxes)
- AMB-63 (One Communication Box Two Port Boxes)
- AMB-70 (One Communication Box Two Port Boxes)

CONTACT US!

AMB
Vapor Monitoring