



OneVue Differential Pressure Sensor FAQs

Use of Differential Pressure Sensor

1.) What is the Primex OneVue Differential Pressure Sensor?

[Differential Pressure Monitoring](#) within our [OneVue Sense](#) solution employs pressure sensors with the ability to detect changes in air pressure that could affect safety. The differential pressure sensors monitor the airflow through the unit to detect pressure changes, making them ideal for monitoring hospital negative pressure rooms, AIIRs, operating rooms, construction zones, and other critical environments. In combination with OneVue Monitor software, you now have the ability to receive reports on the environment and alerts when rooms are out of pressure.

2.) Can the OneVue Sense Differential Pressure sensor be used without OneVue Monitor?

NO. You need the [OneVue Monitor](#) application to capture and report the data and information of the airflow the Differential Pressure sensor is gathering. OneVue monitor gives you the information in a valuable report and can send out customized, specific alerts when a change in airflow happens.

3.) What if I only need to use the Differential Pressure sensor in rooms that are temporarily being used for isolation?

The Differential Pressure sensor is easy to install and is portable. When the current need for the product changes you can easily move the sensor to another location where monitoring airflow is needed. Such areas can include permanent isolation rooms, operating rooms, onsite compounding pharmacies and other areas of critical airflow monitoring needs.

Installation Related Questions

4.) How easy is it to install?

The installation typically takes approximately 30 minutes to complete. The overview steps for installation are:

- a.) Drill a 1/2" hole through the wall of the room that will be monitored
- b.) Fish the supplied tubing through the wall
- c.) Mount the wall plate and airflow screen in the interior of the monitored room and the sensor on the exterior of the monitored room

5.) How is the sensor mounted? Can it be easily removed and reinstalled?

The sensor can be mounted either by using a screw and attaching it to the "keyhole" in the back of the sensor, OR by using the supplied industrial velcro or other method to hold the sensor to the wall. (the sensor weighs approximately 8oz)

Since the installation is minimally invasive, the sensor can easily be removed and installed in another location if needed.

Installation Related Questions (cont.)

6.) Where is the best place to install the Differential Pressure sensor? Why?

A typical installation for the sensor should be on the exterior of the monitored room, with the wall plate and airflow screen on the interior wall of the monitored room.

Reason for this placement on the exterior of the monitored room is so staff can view the readings to know before entering a room if the room is properly pressurized.

Specifications of the Differential Pressure Sensor

7.) What are the specifications of the OneVue Differential Pressure sensor?

Dimensions: 4.7" H x 3.7" W x 1.3" D

Weight: 8oz

Connectivity and power: Connects through your existing network infrastructure either via an Ethernet connection or WiFi authentication. The sensor is powered either with PoE, an AC adapter or 2 AA Lithium batteries.

Expected battery life: up to 12 months (when used on battery power only on default settings)

8.) What types of alerts are performed by the Differential Pressure sensor?

Standard alerts initiated through OneVue:

- a.) Email, text and/or phone call
- b.) Audible tone
- c.) LED light