IAQ Monitoring

Why is Indoor Air Quality monitoring important?

Active monitoring of indoor air contaminants allows you to ensure that your air cleaning systems are working properly and quickly address any air quality concerns in real time. With MPSW Indoor Air Quality (IAQ) monitoring systems, you can **assure building occupants that you have their safety and well-being first in mind.** IAQ monitoring can also provide the data needed to reduce ventilation rates to the actual amount needed for contaminant control, saving energy.

MPSW IAQ monitoring systems **can be incorporated into any HVAC system type**, whether new construction and retrofit. Monitoring systems also count towards credits for **LEED v4.1, WELL v2,** and **Fitwel v2.1.**

AtmosAware

IAQ Monitoring System

The AtmosAware system provides measurement and monitoring of IAQ in real time. The devices contain replaceable sensors so that there is **never any sensor calibration required**.

- Measures Temperature, Relative Humidity, PM 2.5, TVOCs, and CO_2
- Portable or Permanent Mount
- Touchscreen and Sensor-Only Options
- Live Data/Trending
- BACnet and Wi-Fi Connectivity

Sensedge Mini
(Sensor Only)

Sensedge
(Sensors with Touchscreen Display)

AtmosSmart

IAQ Monitoring with Integrated Ionization Control

The AtmosSmart system combines IAQ monitoring with direct control of AtmosAir ionization devices for seamless and responsive contaminant control.

- Duct-mounted
- Measures Temperature, Relative Humidity, PM 2.5, TVOCs, CO_2, Formaldehyde, and Ozone
- Controls up to (8) ionizers per module
- Live Data/Trending
- BACnet and Wi-Fi Connectivity
- Optional IoT model provides wireless communication with ionizers

MPSW

IAQ Control

Bipolar Ionization

Ions naturally filter pollutants from the air we breathe. Clean Air Group's bipolor ionization devices create ions that minimize mold spores, reduce particulate matter, and mitigate volatile organic compounds, reducing the amount of outside air required to dilute indoor air contaminants and saving energy.

CLEANAIR GROUP

AtmosAir SOLUTIONS

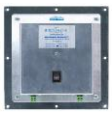
Air Handling Units

- Designed to be mounted in the supply air duct or air handling system
- Available up to 36,000 CFM
- 120V or 240V options

Matterhorn 500 Series

Rooftop Units/Duct Mounted

- Designed to be mounted in the supply air duct or air handling system.
- Available up to 5,000 CFM
- 120V or 240V options



ActiveOx D

Matterhorn 1000 Series

Fan Coils/VAVs/WSHPs

- Compact design to be mounted in a terminal unit
- Available up to 2,500 CFM
- 120V or 240V options

ActiveOx F

FC400 Series

Ultraviolet Germicidal Irradiation (UVGI)

UVGI radiates at targeted wavelengths that disrupt microbes' ability to replicate. This technology is broadly accepted and typically recommended after ventilation and filtration.

American Ultraviolet®

Ducted Systems

Mobile UV Units

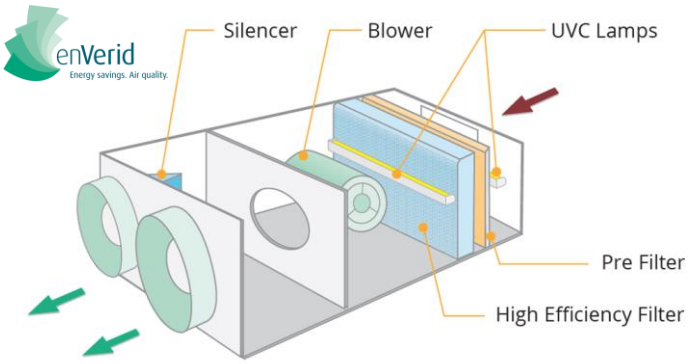
In-Room Fixtures

- Pre-configured and fully custom options available for ducted applications
- Permanent wall mount and mobile options available
- Medical room/classroom decontamination

HEPA Fan Filter Unit

EnVerid's fan filter unit uses true HEPA filtration with optional UVC lamps that **capture 99.99% of viruses** including a surrogate for the COVID-19 virus.

This is an ideal addition to **classrooms and office spaces** for increased air changes and filtration.



Product Specifications				
Dimensions (L"xW"xH")	Weight (lbs)	Space Coverage (SQFT)	Voltage (V)	Air Flow Rate (CFM)
32x20x13	50	1000	120/220	200 - 500