UNITY CONTROLS
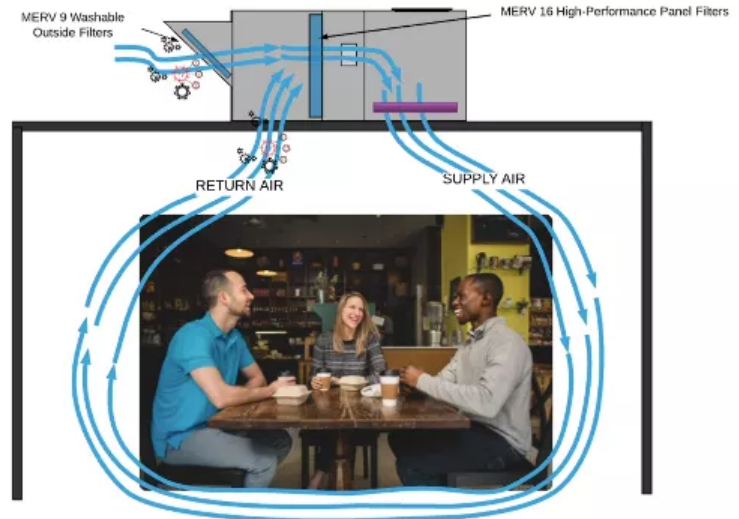## Building Automation Made Easy

SAFE AIR SYSTEM

Safe Air Site

Unity Safe Air System

There are four parts to our system. Each part is critical to receive the full value of our system.

CONTROL AND MANAGE BUILDING PRESSURE.

There is no filtering / UVC virus killing system that will ever work unless your air is moving correctly through your building and HVAC units. Fortunately, Unity Controls does a fantastic job of controlling your building pressure dynamically. What does dynamically really mean? It means that in a hostile environment, like a kitchen, where fans are turning on and off and temperatures swing, UNITY uses advanced algorithms to keep your pressure steady. WiFI thermostats can't do that.

Correct Air Flow

CLEAN THE AIR

Outside air enters the building through washable Merv 9 filters. These filters remove traffic pollutants, pollen, mold and pathogens down to 1.0 microns.

Air inside the building is continuously circulated through Merv 16 High Performance panel filters. These filters are proven to remove 96% of ultra-fine particles, including viruses, bacteria, allergens and other pollutants.

The last optional step is the addition of an in-duct, UVC Air Purification device. Hospital proven, UVC technology, deactivates and destroys 99.99% of remaining airborne contaminants. In a small way we have turned your facility into an operating room.

VALIDATION

Can you prove your air is clean? UNITY provides two air quality sensors. One is a fixed sensor that reports results to your UNITY system. UNITY will capture the data and let you see the air quality over time.   Air flow sensors will detect and alert you when you need to change filters. These high performance filters can last up to one year without changing them.

The second measurement comes from handheld device that you can move from room to room and take current readings and compare your readings to outside monitoring sites . In addition, you can go to IQAir.com and see maps of the air quality in your surrounding area and all over the world. Here is an example of today's air quality in Houston. Not very good. We can prove that our Safe Air System will dramatically lower the numbers in your restaurant or store.

www.safeairsites.com

COMMUNICATE RESULTS TO YOUR CUSTOMERS

We want to make it easy for you to tell everyone that you have made an investment in their health and safety. That's why we are creating and branding a designation for your location as a "safe air site". We are building a website that lists locations that are using our "Safe air system". Optionally, you can choose for us to display the quality of air of your store in real time. A sticker, sign or plaque should be displayed publicly, pointing patrons to safeairsites.com where we will better explain to the public what steps are being taken to improve their health and safety with clean, purified air.

In addition, we will be making available a web page widget to place on your own website your current air quality and you can choose how you tell your story of how much you care about them.

Providing clean, purified air with validation and communication creates more trust with employees and customers.

Frequently Asked Questions

How long do my Nanomax filters last?

Expect the Nanomax filters to last a year. Normal filters should be changed every 90 days. But, this advice is often neglected adding airflow restriction and increasing the cost of operation.

How do I know when to change my inside filters?

Unity will tell you. Unity measures airflow on each side of the filter. When airflow becomes restricted, you will receive notification to change the filters.

Where do I buy replacement filters?

You buy direct from the manufacturers. No middle man. Contact information and specific sizes will be provided.

How much will my replacement filters cost?

Unity will provide an Annual estimate with your custom quote.

How often should I wash my outdoor filters?

How will my product arrive?

To reduce costs, your product will arrive in multiple shipments. Some of these deliveries are coming direct from the manufacturer.

1. The outside filters
2. The inside filters
3. Air Visual Pro
4. Unity Controls

We recommend your regular service provider or internal staff, install your filters immediately. Even without validation your air will be cleaner in moments.

What information will my Unity System provide?

From the Unity interface you will see:

1. Current particle count
2. Graph of last 90 days
3. Current building pressure
4. Historical building pressure
5. Inside filter installation / replacement date
6. Filter run-time
7. UVC bulb installation / replacement date (if applicable)
8. UVC run-time

Who can install my Safe Air System?

Your regular service provider or internal staff should install filters **immediately** upon arrival. The controls can be installed by your HVAC company or Unity can recommend a provider in your area.

How much does installation cost?

Unity can provide you with a quote upon request. Or, we can provide a Scope of Work document to give your Vendors allowing them to give you an estimate.

Does my Unity Cloud Support increase?

No, your subscription includes the Safe Air Data and availability.

Factors affecting the cost of your quote

1. The number of HVAC units

2. The specific make and model of your HVAC units

3. The level of UV protection desired

Payment Terms

Payment

Payment is due for materials at time of order. After this document has been signed and executed you will receive a request for payment. You can use credit card or pay with a check.

Leasing

Ask us about leasing options.

Related Videos

How do we get their trust?

What are Ultrafine Particles?

The Team

The UNITY Management team has over 25 years of McDonald's facilities experience and currently maintains systems in over 85 stores in the Houston Region. In addition, the UNITY team conducts air, test and balance services, including detailed deficiency reports, for all new construction and remodel projects in the region. Previously, management has installed over 1400 EMS systems for McDonald's and others throughout the country.

Contact Information

Unity Controls

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