

# Is Your Museum or Gallery COVID-19 Ready?



- Do you want the highest possible air quality for your facilities but are limited in how much static pressure your system can handle?
- Do you want to reduce your maintenance requirements?
- Do you want to trap airborne pathogens as they pass through the HVAC system?

#### We Know How to Protect Patrons and Staff

Dynamic air cleaning technology can capture the droplet nuclei that play a role in aerosol transmission of the COVID-19 virus while contributing to reduced maintenance and lower energy costs, compared to high-efficiency conventional filters. For over 35 years, museums around the world have relied on Dynamic Air Quality Solutions to improve environments while optimizing air quality and sustainability.

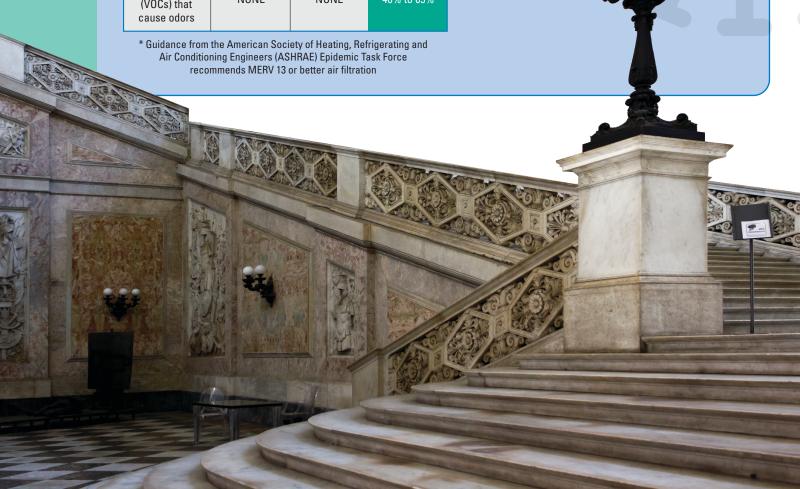
### **Dynamic Engineered Systems:**

- Remove airborne pathogens and odors helping to protect your building occupants
- Save you money on energy
- Reduce your maintenance requirements
- Provide you with higher efficiency air filtration at lower static pressure

### What are Your Air Filters Doing for You?

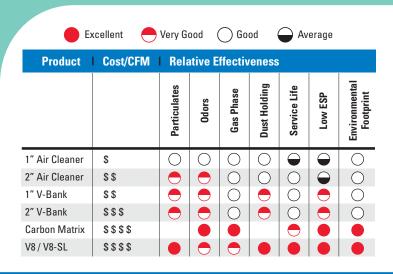
| ·   |                                  |                                    |                                      |
|---|----------------------------------|------------------------------------|--------------------------------------|
| PARTICLE<br>Size Range                                      | MERV 8<br>conventional<br>filter | MERV 13<br>conventional<br>filter* | DYNAMIC V8<br>Air Cleaning<br>System |
| 0.3-1 microns   | NONE                             | 50%                                | 94%                                  |
| 1-3 microns   | 20%                              | 85%                                | 99%                                  |
| 3-10 microns  | 70%                              | 90%                                | 100%                                 |
| Volatile organic<br>compounds<br>(VOCs) that<br>cause odors | NONE                             | NONE                               | 40% to 65%                           |

COVID-19 molecules are approximately 0.15 microns in size and travel through the air in droplet nuclei 0.6 microns and larger.



## What products do we offer?

From the original 24Volt 1" Dynamic Air Cleaner to the state-of-the-art Dynamic V8, Dynamic has the right product to fit your application:





- 2 1" and 2" Panel Air Cleaners and V-Banks are used in return air grilles, unitary split systems and wall mount systems and can be run in series (tandem models) in light commercial packaged units.
- 3 Dynamic V8 Air Cleaning Systems offers MERV 15 performance with a very low static pressure resistance and exceptionally high dust holding capacity. Primarily for air handlers and filter boxes, smaller versions are available for tight spaces, roof curbs and fan/coil applications.
- 4 Activated Carbon Matrix Systems allow precise control of gas phase contaminants and offer many advantages over pellet-based systems including lower pressure drop, smaller footprint and the ability to eliminate downstream filters.



l" & 2" Panel Air Cleaners



**Activated Carbon** 

Matrix System

Dynamic Air Cleaning Systems can be configured to provide the absolute best possible air cleaning solution for your application.

If you are interested in removing airborne pathogens and providing the best possible air quality to building occupants, AND reduce maintenance requirements, then visit our website at www.DynamicAQS.com. You'll find several

relevant case studies that address a variety of challenges related to air quality, sustainability and maintenance, along with the solutions that provided proven results. These include:



**Barnes Foundation Gallery** IAQ and Sustainable Design



NMAAHC IAQ and Sustainable Design



Museo Nacional Del Prado IAO and Sustainable Design