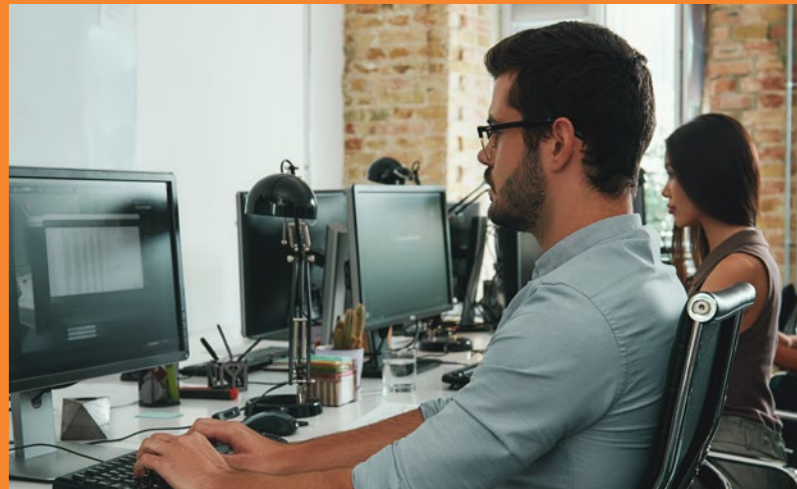
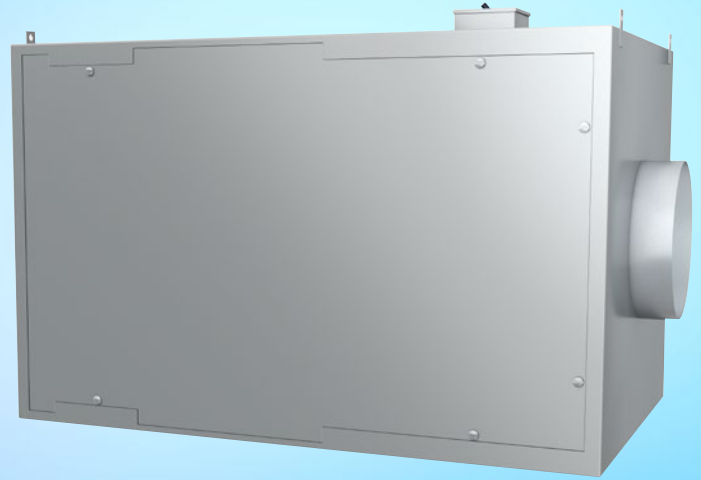


# Criti-Clean Ducted In-line FFU



**A powerful Fan Filter Unit  
that integrates into ductwork,  
delivering HEPA-filtered air  
to any room in any building.**





## The easy, efficient, and versatile air purifying solution for safer indoor environments.

### Key Features & Benefits:

- Up to 1500 CFM
- Easy access to replaceable HEPA filter and pre-filter
- Energy efficient, computer controlled, variable speed EC motor
- Unit-mounted speed control
- Quiet operation
- HEPA filter (99.99% @ 0.3 micron)
- Merv 8 pre-filter
- All type 304 stainless steel construction
- Left or right air flow direction
- 120V, 208V, 240V, 277V

### Optional Features:

- BAS capabilities
- Wall-mounted speed control
- 316 stainless steel or aluminum construction
- ULPA filter (99.9995% @ 0.12 micron)
- Ultraviolet-C radiation module

With air quality continuing to be an ongoing concern in virtually every building, our new ducted in-line FFU is an easy-to-install solution that can deliver clean, HEPA-filtered air to any room in any building – with a powerful output of up to 1,500 CFM! The unit is designed to continuously cycle air through the HEPA filter before delivering it to the occupied space, removing a wide range of airborne contaminants.

Our new in-line FFU is based on our proven Crite-Clean Ultra filtration technology that is used in hospital operating rooms and other critical environments across the country. Now, this new unit makes all the same valuable features of the Crite-Clean Ultra available to schools, office buildings and any other indoor environment where exceptional air quality is a priority.

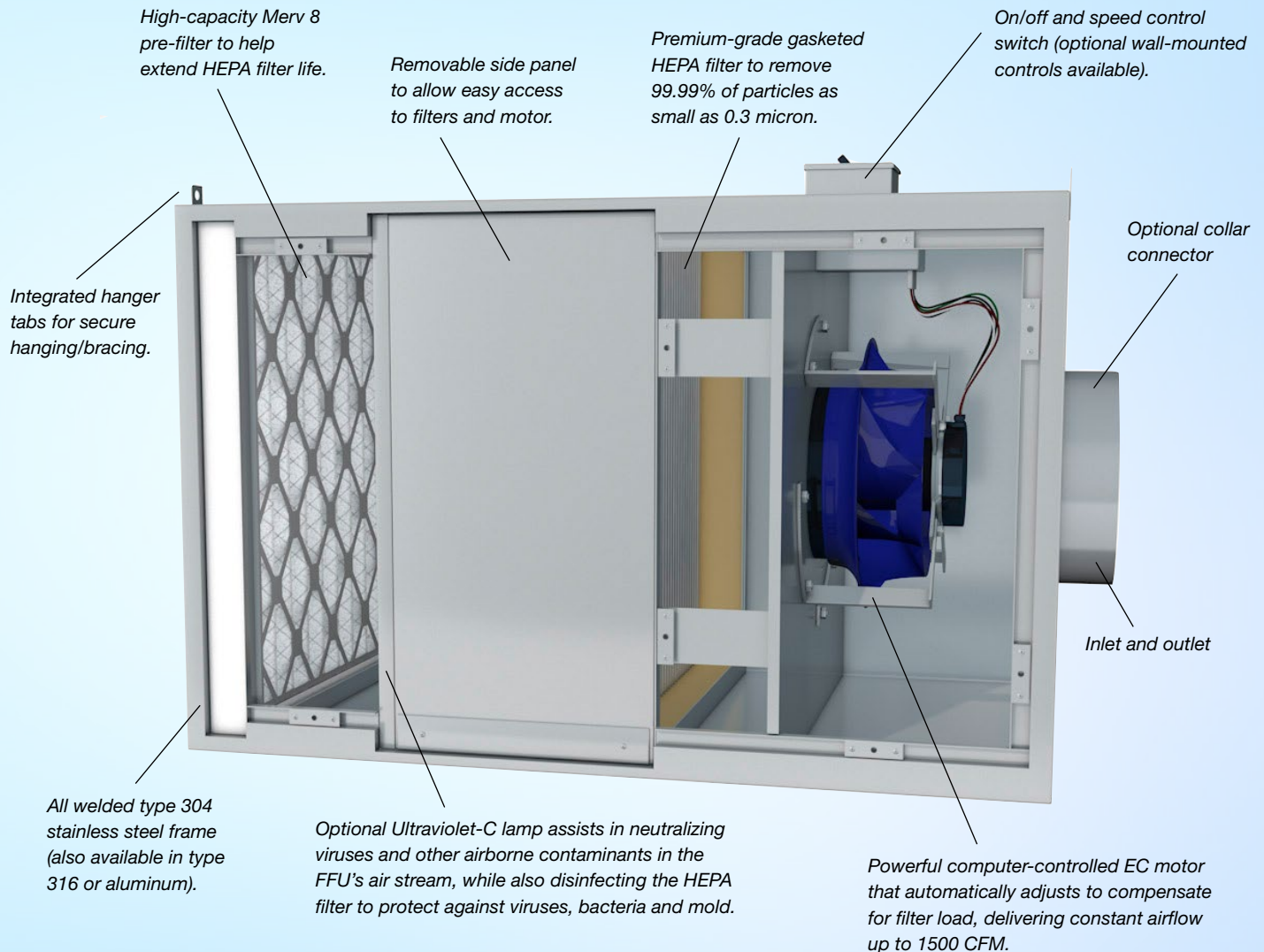
### An easy retrofit in virtually any environment.

The unit can be installed above any ceiling and can be paired with AJ Manufacturing ceiling diffusers or proper air distribution into the room. CFM can be set on the unit or from a convenient optional wall-mounted controller. The EC motor automatically adjusts for filter load to provide constant airflow to meet the desired air changes per hour.





# The high-quality features you expect from an AJ Manufacturing FFU!



## CDC Statement on HEPA Filters and SARS-CoV-2:

Research shows that the particle size of SARS-CoV-2 is around 0.1 micrometer ( $\mu\text{m}$ ). However, the virus generally does not travel through the air by itself. These viral particles are human-generated, so the virus is trapped in respiratory droplets and droplet nuclei (dried respiratory droplets) that are larger. Most of the respiratory droplets and particles exhaled during talking, singing, breathing, and coughing are less than 5  $\mu\text{m}$  in size. By definition, a High Efficiency Particulate Air (HEPA) filter is at least 99.97% efficient at capturing particles 0.3  $\mu\text{m}$  in size. This 0.3  $\mu\text{m}$  particle approximates the most penetrating particle size (MPPS) through the filter. HEPA filters are even more efficient at capturing particles larger and smaller than the MPPS. Thus, HEPA filters are no less than 99.97% efficient at capturing human-generated viral particles associated with SARS-CoV-2.

Source: <https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation.html>

## Ideal for:

- Schools
- Office Buildings
- Restaurants
- Medical Offices
- Fitness Centers
- Retail Stores
- Churches
- Hotels
- Training Facilities
- Any Occupied Space

## A wide range of stainless steel ceiling diffusers for efficient air distribution.

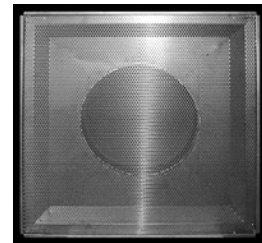
At AJ Manufacturing, we offer an extensive line of custom-made ceiling diffusers that can be combined with our Crite-Clean Ducted In-line FFU to complete the process of delivering purified air to the occupants of any building. A few of our many options are listed below. Visit our website at [ajmfg.com](http://ajmfg.com) to see our complete offering.

### Types of Ceiling Diffusers:

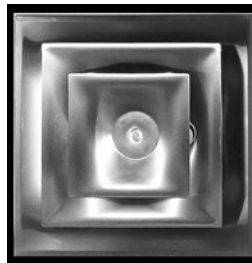
- Perforated
- Louvered
- Curved Blade
- Square Panel
- Stamped Face
- Air Foil Perforated
- Concentric Louvered
- Lay-In Perforated
- Modular Louvered
- Single Deflection



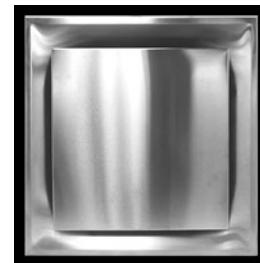
Modular Louvered  
Ceiling Diffuser



Lay-In Perforated  
Return Diffuser



Stamped Face  
Stainless Diffuser



Square Panel Diffuser



Critical Thinking for Your Critical Environment

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