



MECHANICAL & HVAC SALES  
COMFORT BY DESIGN

# COVID-19 SOLUTIONS CATALOG

# **TABLE OF CONTENTS**

**DUCT MOUNTED**  
**Page 1-4**

**UNIT MOUNT**  
**Page 5-7**

**IN-THE-SPACE**  
**Page 8-10**

# DUCT MOUNTED SOLUTIONS

## Aerisa Model 8000



The Aerisa Model 8000 is a needle point ionizer that utilizes pairs of brushes to produce positive and negative ions. The unit may be either mounted in a metal duct or installed inside an HVAC unit. Using the pre-drilled flange, factory-applied gaskets and sheet metal screws, the Model 8000 mounts into a duct cutout and protrudes past typical duct liner. A mounting bracket is required for HVAC unit installation. The Model 8000 accepts 24V AC power directly, via a 120V AC to 12V DC wall-pack or using a 120/230V AC to 12V DC in-line transformer. Integral dry contacts enable remote monitoring of the Model 8000.

## Aerisa Model 1000



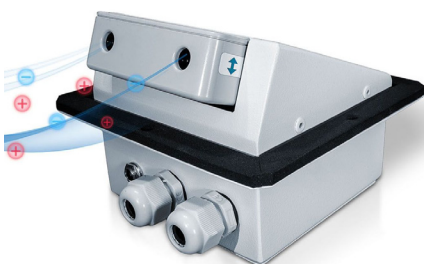
The Aerisa Model 1000 is a single tube ionizer that produces positive and negative ions to improve air quality. A five position dial allows for ion output (50 to 100%) selection. The unit may be either mounted in a metal supply duct or installed inside an HVAC unit. Using the pre-drilled housing and sheet metal screws, the Model 1000 mounts into a duct cutout. A mounting bracket is required. The unit may accept either 115V AC or 230V AC power and is available with three ionization tube lengths. Power to the Model 1000 may be interlocked directly with the system fan or by using an air flow switch or pressure switch.

## Aerisa Model 5550



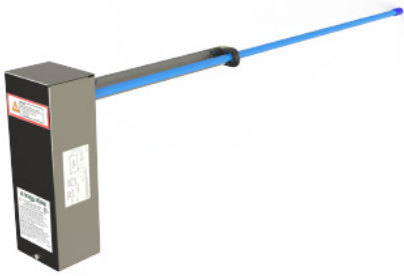
The Aerisa Model 5550 is a five tube ionizer that produces positive and negative ions to improve air quality. A five position dial allows for ion output (50 to 100%) selection. The unit may be either mounted in a metal supply duct or installed inside an HVAC unit. Using the predrilled housing and sheet metal screws, the Model 5550 mounts into a duct cutout. A separate mounting bracket or rack is required for HVAC unit installation. The Model 5550 accepts 115V AC power. Power to the Model 5550 may be interlocked directly with the system fan, or by using an air flow switch, pressure switch, or HVAC unit door switch. A low voltage connection provides for remote monitoring of the Model 5550.

## Eagle X Pro Sterionizer™ D6 Series



The STERIONIZER™ is an Self-cleaning, ionization system designed to handle up to 10,000 CFM per unit. The unit is designed for multiple mounting options including air ducts and fans. Kills: Viruses, Bacteria, Mold Spores, Fungl, Dander, Odor, Smoke, pollen and dust. 50 billion to 1 trillion ions per second.

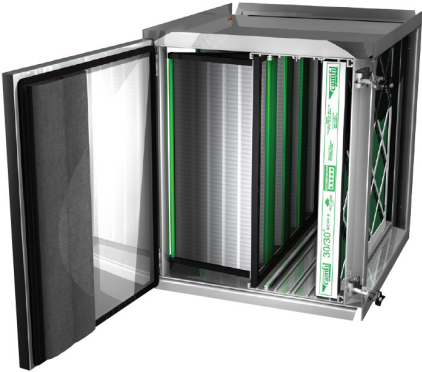
## Steril-Aire ESE Series



Steril-Aire Enhanced Single-Ended (ESE Series) fixtures are used for new and retrofit fan coils, heat pumps, unit ventilators, terminal units and ductwork. Installed from the exterior of the AHU, they provide easy installation by making a hole in the AHU wall or duct and simply mounting the fixture to the unit exterior. The Emitter penetrates into the system, while the power supply remains external. Enhanced SE Emitters are available in eight lengths (16", 20", 24", 30", 36", 42", 50" and 61") with a universal 120-277 V power supply.

---

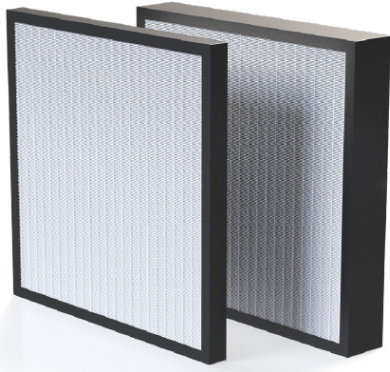
## Camfil GlidePack® MultiTrack 25



The Camfil Farr GlidePack MultiTrack 25 is a multi-stage air filter housing with adaptable tracks to apply a variety of prefiltration, secondary filtration that may include absorbers, and final filtration to provide superior indoor air quality for virtually any application. The housing may also be reconfigured in the field for air filtration upgrades or to adapt to the latest air filtration technology. 16-gauge galvanized steel construction with convenient out-turned standing flanges to mate to existing HVAC equipment.

---

## Camfil Opti-Pac® Durable



The Camfil Opti-Pac Durable provides high efficiency air filtration in a space saving 2" or 4" deep filter pack that can reduce valuable in-line air handler component depth and reduce filter inventory space requirements. Light weight and easy to handle, the Opti-Pac is available in efficiencies of MERV 11, MERV 13 and MERV 15 per ASHRAE Standard 52.2.

---

## Camfil Durafil® Compac



The Durafil Compac is the first high performance 6-inch V-bank air filter ever to be developed. The Compac delivers the optimal benefits of a "V" filter design previously unavailable for units with restricted space. The Compac allows for easier handling, shorter installation times, requires less storage space and comes with a 40% weight reduction when compared to traditional 12-inch deep V-bank filters.



### **Camfil Durafil® ES<sup>2</sup>**



The Camfil Durafil ES2 (Energy Saver) provides high efficiency ASHRAE air filter performance in a compact energy efficient design. A computer-optimized pleat-to-height ratio creating a radial air exiting and air entering design that offers a 60% larger outlet and 30% larger inlet than any other V-bank style air filter resulting in lower pressure drop and significant energy savings. The highest volume of microfine fiber filter media area available for higher dust holding capacity, longer life and lower average pressure drop over the life of the filter to save energy. A special grade of energy saving media with engineered characteristics to reduce pressure drop.

---

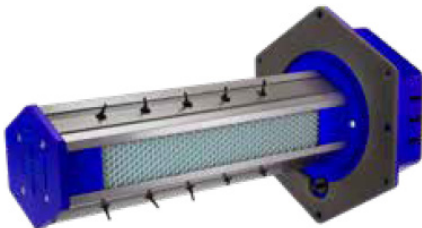


### **Camfil 30/30® Dual 9**

Dual 9 is a breakthrough product where every component has been engineered to deliver the highest level of continuous particle removal, with the lowest energy consumption and longest service life. The Dual 9 comes with dual but equal MERV ratings (MERV 9 and MERV 9A), a dual layered gradient density media and dual performance guarantee options of 9 or 12 months.

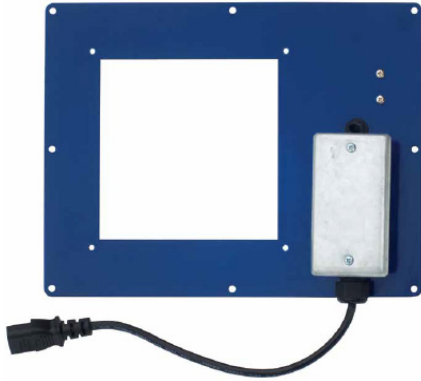
---

### **Dust Free Active Air Purifier**



The Dust Free® Active Air Purifier is a compact, duct mounted, air purifier that is effective at reducing dust, dander, VOC's, germs, odors and other allergens, from the indoor air. The Dust Free® Active Air Purifier utilizes ionic oxidation, ionization, and UV-C light to purify the air and surfaces. Installed into the supply plenum of your HVAC system, the Dust Free® Active Air Purifier's environmentally-friendly oxidizers and ionization system safely and effectively purifies the air in your home.

# Accessories



## Aerisa AerPlate

Ionization units should be powered when there is air flow in the system. The Aerisa AerPlate provides a convenient method for power Model 1000 and 2000 ionization units. The AerPlate is equipped with a pressure switch which closes at .05 inches WG. Ships complete with 4mm mounting screws.



## Aerisa Duct Mounted Ion Sensor

Aerisa's Duct Mounted Ion Sensor allows the user to define the levels at which ions can be sensed. This is accomplished through a control dial that is adjusted based on the user's requirement. There are five (5) levels of sensitivity; 500, 5,000, 10,000, 15,000 and 20,000 ions/cm<sup>3</sup>. Able to communicate with BAS.

# UNIT MOUNT SOLUTIONS

## Aerisa AerBrush



The Aerisa AerBRUSH is a needle point brush type ion-izer designed for almost any fan application including Roof Top Units, Air Handling Units, FCUs, PTACs, Heat Pumps, and even duct-less split systems. It is designed to be mounted at the fan inlet through which air is being drawn. The ionizer is self-contained in a potted ABS box with molded flange mounting holes. The AerBRUSH can be powered with 12V DC, 24V AC, 120V AC and 230V AC without the use of an external power supply device or transformer. The AerBRUSH is capable of treating 2,400 CFM and is protected with a 500 mA glass cartridge fuse.

## Eagle X Pro Sterionizer D6C



The device produces a defense system that exterminates various viruses (such as COVID-19 and Influenza) as well as bacteria, molds, smoke, dust and other contaminants in the air and on surfaces in the space. The product is self-cleaned, maintenance-free, that produces positive and negative ions that neutralize harmful pollutants and odors in the home, and automatically removes dust and dirt build-up on the needles eliminating the need for maintenance. The device is suitable for installation in residential HVAC systems as well as, restaurants, offices, shopping malls, theaters, factories, logistics centers, schools & educational institutions, hospitals, clinics, nursing homes, hotels ect.

## Aerisa AerBar PLUS



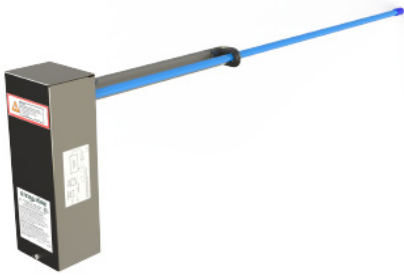
The Aerisa AerBar-Plus is a needlepoint type bipolar ionizer arranged in a long narrow design and produces 35 million positive and negative ions per cubic centimeter when tested at 1" from the unit. The ionizer is installed on the entering side of the cooling coil of an air handling unit (AHU) or roof top unit (RTU). The installer mounts the AerBar-Plus using two (2) #8 sliding mounting studs in a slotted channel insuring that the ionization needles are pointed down to avoid debris accumulation. The included power supply can accept 115 or 230V AC selectable, 50/60Hz, single phase.

## Steril-Aire ESEN Series



Steril-Aire Enhanced Single-Ended NEMA 4X (ESEN Series) fixtures combine the externally mounted design of the ESE Series with a weather resistant NEMA 4X fixture. Installed from the exterior of the rooftop A/C units or ductwork, they provide ideal solutions for rooftop AHU's. By creating two 1" holes in the equipment wall and mounting the fixture, the Emitter may be installed vertically or horizontally. Only the Emitter penetrates the system, while the power supply remains external. The ESEN Series is available in eight lengths (16", 20", 24", 30", 36", 42", 50" and 61") with a 220\*277 V power supply.

## Steril-Aire ESE Series



Steril-Aire Enhanced Single-Ended (ESE Series) fixtures are used for new and retrofit fan coils, heat pumps, unit ventilators, terminal units and ductwork. Installed from the exterior of the AHU, they provide easy installation by making a hole in the AHU wall or duct and simply mounting the fixture to the unit exterior. The Emitter penetrates into the system, while the power supply remains external. Enhanced SE Emitters are available in eight lengths (16", 20", 24", 30", 36", 42", 50" and 61") with a universal 120-277 V power supply.

---



## Camfil 30/30® Dual 9

Dual 9 is a breakthrough product where every component has been engineered to deliver the highest level of continuous particle removal, with the lowest energy consumption and longest service life. The Dual 9 comes with dual but equal MERV ratings (MERV 9 and MERV 9A), a dual layered gradient density media and dual performance guarantee options of 9 or 12 months.

---



## Camfil FastFrame™

The Camfil Farr Fast Frame is an air filter holding frame for built-up bank HVAC systems. The unique design allows for a convenient and simple filter replacement without sacrificing the integrity of the filter seal or compromising indoor air quality. Filter installation is quick and easy without the hassle of clips and fasteners associated with other systems. The FastFrame will hold a variety of ASHRAE grade final filters, prefilters, or combination thereof.

---



## Camfil Durafil® Compac

The Durafil Compac is the first high performance 6-inch V-bank air filter ever to be developed. The Compac delivers the optimal benefits of a "V" filter design previously unavailable for units with restricted space. The Compac allows for easier handling, shorter installation times, requires less storage space and comes with a 40% weight reduction when compared to traditional 12-inch deep V-bank filters.



### Camfil Durafil® ES<sup>2</sup>



The Camfil Durafil ES2 (Energy Saver) provides high efficiency ASHRAE air filter performance in a compact energy efficient design. A computer-optimized pleat-to-height ratio creating a radial air exiting and air entering design that offers a 60% larger outlet and 30% larger inlet than any other V-bank style air filter resulting in lower pressure drop and significant energy savings. The highest volume of microfine fiber filter media area available for higher dust holding capacity, longer life and lower average pressure drop over the life of the filter to save energy. A special grade of energy saving media with engineered characteristics to reduce pressure drop.

---

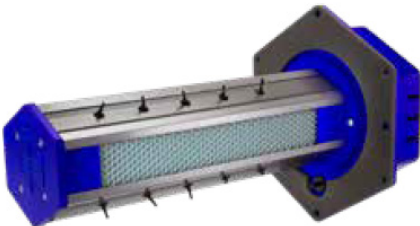
### Camfil Filtra 2000®



The Camfil Filtra 2000 provides high-efficiency particulate air filtration for critical application processes. With more than double the media of standard HEPA filters, critical airflow and energy savings are always optimized. Available in airflow capacities up to 2400, the Filtra 2000 includes wet-laid water-resistant micro fiber glass media capable of withstanding up to 99% relative humidity, multiple high-efficiency media packs in a V-bank design optimized for low configuration loss and optimum airflow low initial resistance to airflow of 1.0" w.g. at rated capacity.

---

### Dust Free Active Air Purifier



The Dust Free® Active Air Purifier is a compact, duct mounted, air purifier that is effective at reducing dust, dander, VOC's, germs, odors and other allergens, from the indoor air. The Dust Free® Active Air Purifier utilizes ionic oxidation, ionization, and UV-C light to purify the air and surfaces. Installed into the supply plenum of your HVAC system, the Dust Free® Active Air Purifier's environmentally-friendly oxidizers and ionization system safely and effectively purifies the air in your home.

---

## Accessories

### Steril-Aire Modular Radiometer System



The Modular Radiometer System is designed to monitor UV output intensity of Steril-Aire UVC Emitters™ for precise, instantaneous irradiance readings with reproducible results. The Radiometer System uses a solid-state photodiode detector which is extremely stable with a low temperature coefficient to measure UVC radiation accurately. The Steril-Aire Radiometer System features a modular structure. It includes a separate Display Module, UV Sensor and Logic Controller, allowing the use of some or all components to fit the needs of the end-user. An extension data cable for the sensor, controller or display and a display holder is available

# IN-ROOM SOLUTIONS



## **Camfil CamCleaner CC500**

The Camfil CamCleaner CC500 can direct up to 500 cubic feet of air per minute through a 99.99% true HEPA filter as an in-room recirculation air purifier or can be configured to exhaust HEPA filtered air in negatively pressurized isolation areas. The versatile, all aluminum unit can be rolled into position, mounted on a wall or ceiling, or interstitially mounted horizontally in a ceiling. The quiet motor operates on a standard 120-volt three-prong outlet and includes a multi-speed control switch to maintain desired airflow.



## **Camfil City M Purifier**

The Camfil City M Air Purifier removes particulate using cleanroom level HEPA filters and gaseous contaminants removal using Camfil's exclusive pleated adsorbent media. The City M acts as a stand-alone air cleaner for areas with high levels of contaminants or as a supplement to existing ventilation systems. Particulates such as awws pollens, bacteria, fungi, household dust, pet dander, particle emissions from building materials and furniture, and atmospheric dust are removed with an efficiency of at least 99.95%. The City M adsorber filter section removes contaminants such as ozone, organic gases and odors, volatile organic compounds (VOCs).



## **NOVAERUS Defend I050**

Designed for rapid remediation in large spaces and situations with high risk of infection, the Novaerus Defend 1050 uses patented ultra-low energy plasma technology combined with a triple-stage Camfil® filter system to provide a combined solution for air disinfection and particle removal. Single phase, 120 VAC, 60 Hz, 107 – 533 CFM.



## **Price Industries Room Air Purifier**

The RAP uses an internal fan to draw air into the return, through a HEPA filter, and then send the air back into the space through a grille. With the fan continually running, the air in the occupied space is consistently filtered to provide purified, clean air. The Room Air Purifier (RAP) is an ideal option for any indoor spaces where additional filtration is desired, including office spaces, classrooms, hotels and more. The RAP improves indoor air quality with air. It is designed to continuously cycle air through a HEPA filter, eliminating unwanted dust

## Loren Cook Mobile Air Cleaner



Mobile Air Cleaner. Inline, direct drive, mobile HEPA filtration unit. Application include, school classrooms, common areas, offices, hospitals, clinics, health clubs, gyms, building construction and renovation work requiring portable filtered ventilation. Features: MERV 8 pre-filter, 99.97% efficient HEPA filter, Capacity 500 – 2000 CFM, Lorenized powder coated steel housing, Swivel casters with locking brakes, 9-foot, 115-volt power cord, Variable speed operation, Illuminated service switch, Run-time meter, Tool-less filter change design.

---

## Camfil CamCleaner



The Camfil CamCleaner is a free-standing, mobile air cleaner designed for corrosion control applications in heavy process industries. Typical applications include areas that may have corrosive gases and contain sensitive computer or electronic equipment, pulp and paper mills, photochemical facilities, steel mills, refineries or sewerage treatment plants. The CamCleaner can also be used in archive and cultural heritage storage rooms, chemical handling locations, and data centers.

---

## Camfil CamCleaner Horizontal



The Camfil CamCleaner is an air cleaner designed for the removal of particulate and/or molecular contaminants. The un-ducted, modular system typically suspends from the ceiling and installed in applications that have high load dust, fumes and high aerosol particulate concentrations — warehouse dust, welding, oil mist, sports facilities, food and beverage, and other locations where direct source capture may be difficult. Cam-Carb adsorbent cylinders are available as an optional stage of filtration to control molecular contaminants (odors and irritants).

---

## Big Ass Fans UV-C



Our fans circulate air through an upper-level disinfection zone. UV-C rays near the disinfection zone kill up to 99.99% of pathogens. The fan returns purified air to the space down below. Big Ass Fans circulate air through the disinfection zone created by its integrated UV-C fixture. LED indicator light illuminates to show that it is eliminating pathogens. Big Ass Fans' UV-C system produces more dilution airflow than an HVAC system, dramatically reducing airborne infection.

---

## Big Ass Fans Ion Technology



Big Ass fans integrated ionizers distribute ions directly to your people. Ion system is installed into occupied spaces for effective in-room disinfection. Provides higher levels of ions compared to HVAC output. Our proprietary bipolar ionizer generates millions of ions per minute. Ions immediately attach to and destroy harmful pathogens.

## American Ultraviolet TB Series



American Ultraviolet TB and CM Series in-room air treatment fixtures are designed specifically for upper air irradiation. These trusted fixtures have been successfully used to control the spread of airborne microorganisms in hospitals, prisons, clinics and government buildings since 1960. The fixtures incorporate adjustable louvers that safely direct UVC energy above contact level (7+ feet) with occupants, ensuring TB and CM fixtures are ideal for air disinfection in occupied rooms.

---

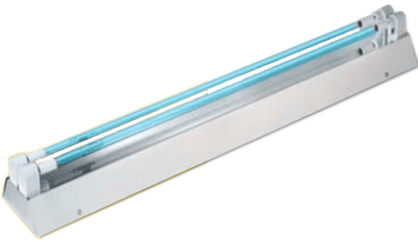
## American Ultraviolet RAM Series



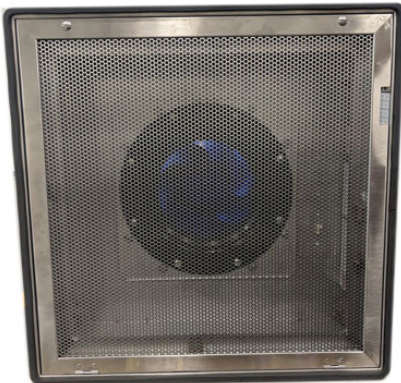
American Ultraviolet RAM Series in-room air treatment fixtures are designed specifically for upper air irradiation inside occupied rooms. These trusted fixtures have been successfully used to control the spread of airborne microorganisms in hospitals, prisons, clinics and government buildings since 1960. The enclosed RAM fixtures feature fan-assisted air movement and will not expose room occupants to eye or skin damage from ultraviolet energy.

---

## American Ultraviolet SM Series



SM Series fixtures from American Ultraviolet are designed for general air and surface sterilization purposes and, because they can mount to ceilings or under counters, can be effectively used for a wide variety of applications. SM Series fixtures are ideal for hospitals, laboratories and clean rooms and are often used to bathe a room in UVC each night to ensure a sterile environment for the morning work shift. The functional design allows UVC energy to be evenly distributed, and also prevents dust from accumulating on the germicidal fixtures.



---

## AJ Manufacturing SSLFHD-FFU-RF

Reverse flow fan powered filter for filtration of exhaust. Common applications are workspaces involved with hazardous materials where exhausted air may cause a health or environmental threat. Common in medical facilities with potential airborne pathogens and used in facilities testing, packaging, and preparing fine powders that can create airborne health hazards.