

# Iso-Aire<sup>TM</sup>

Exhaust and Filtration System for Healthcare Facilities



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The Iso-Aire<sup>TM</sup> exhaust and filtration system is the ideal solution for healthcare facilities needing to quickly increase isolation room capacity or add filtration capability to common and high traffic areas, such as waiting rooms, to protect staff and patients.

Iso-Aire<sup>TM</sup> was developed to address COVID-19 and other droplet or airborne based infections in a high-performance, quiet, weather proof and quick to install packaged unit. Rather than installing a full ductwork system that is more costly and slower to install, Iso-Aire can provide the same exhaust air capability in a space saving and removable design that can be rapidly deployed.

## Features and Benefits

- Quiet operation for patient comfort (up to 1,200 CFM)
- Easy to install for quick room conversion
- Easy and safe operation (meets 12 air changes per hour minimum)
- Robust design maintains comfort and resists elements
- Aesthetic with over 40 colors available
- Versatile and effective for both exhaust air and recirculation needs
- Built with pride in the U.S. and a two year limited warranty

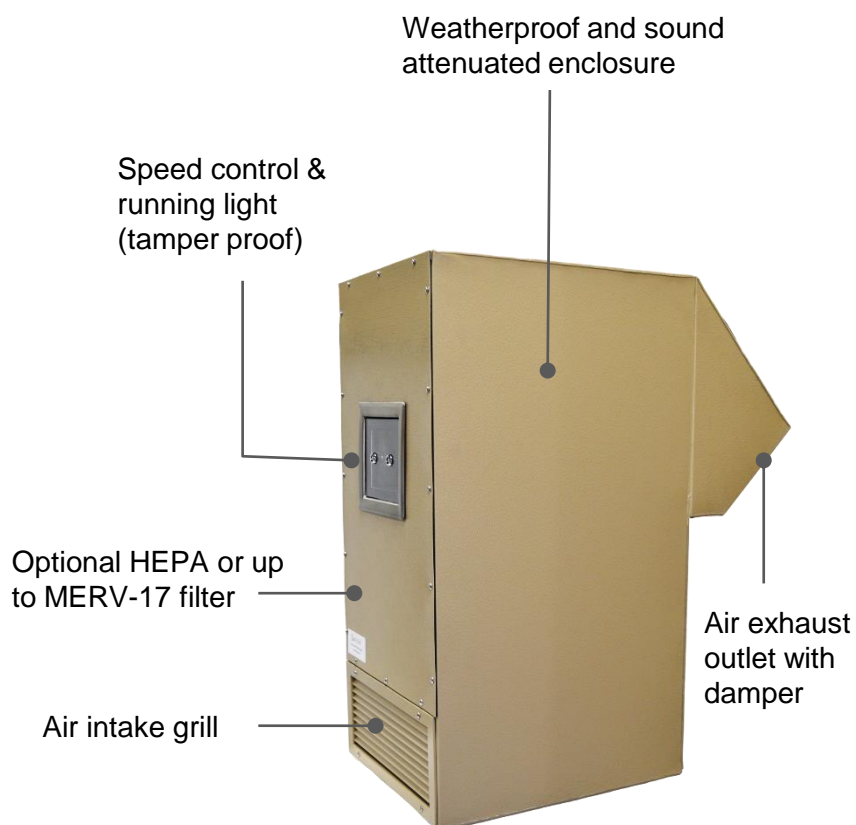


Iso-Aire™ is available in a variety of models with both exhaust and filtering recirculation design. A UV sterilization light option is available on exhaust models and standard on recirculation models.

All models are insulated, utilize sound attenuation and built with quality UL listed components.

The system can also be removed and stored for a quick restoration of the room's normal use or moved to a different wing.

Iso-Aire's various designs allow for meeting the four methods suggested by ASHE for creating negative pressure rooms. HEPA to corridor, HEPA to outside, HEPA to return, multi-bed zone-within zone-room.



## Exhaust Models

### Window mounted

Space saving design does not put weight on the window seal.

### Floor mounted

Sits on floor with non-slip padding.  
12" round outlet for ducting to window.

### Outside mounted

Anchored to ground and sits on a concrete pad for hooking up to outlet from windows.

## Recirculation Models

### Recirculation

Adds layer of protection for staff and patients. HEPA or up to MERV-17 filtration capability. Window or floor mounted.

### Recirculation with duct attachment

Attaches to ductwork routed to a different location. Can be used to create a sweeping method of filtered air. Window or floor mounted.

### UV sterilization standard on all recirculation models

The EPA, in conjunction with the US Department of Homeland Security has released test reports which show the Sterile-Aire UVC Emitter achieved 99.96% destruction in a single pass on airborne bacteria. 99% on virus and 96% on spores.



## Specifications

- Standard unit dimensions 22" x 22" 48" (can be customized to fit design needs)
- R8 insulation value
- Noise level – 4-6 Sones
- Up to 1,200 CFM variable speed fan
- 110 voltage
- Minimum of 12 air changes per hour
- Exterior- Kynar finish embossed aluminum (22 gauge) or color clad steel (24 gauge.) Stainless option available.

**For more information, please call 651-243-0533,  
email [info@ductsandcleats.com](mailto:info@ductsandcleats.com)  
or visit [www.iso-aire.net](http://www.iso-aire.net)**

Ducts and Cleats is a full-service sheet metal fabricator that specializes in duct and fittings for commercial HVAC contractors. Our CNC equipment and specialized fabrication skills in industrial metal fabrication enable us to be exceptionally competitive and innovative for our clients. Further, our custom fabrication group offers industrial exhaust and ventilation systems with exceptional turn-around time. Ducts and Cleats has been producing sheet metal products from its St. Paul, Minnesota facility since 1966.



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