

Iso-Aire™

Exhaust and Filtration System for Healthcare Facilities



Iso-Aire™



The Iso-Aire™ 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™ 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 1,000 cfm)
- Easy to install for quick room conversion
- Easy and safe operation (meets minimum of 12 air changes per hour)
- Robust design maintains comfort and resists elements
- Aesthetic with colors options available
- Versatile and effective for both exhaust air and recirculation needs
- Built with pride in the U.S. and a two-year limited warranty

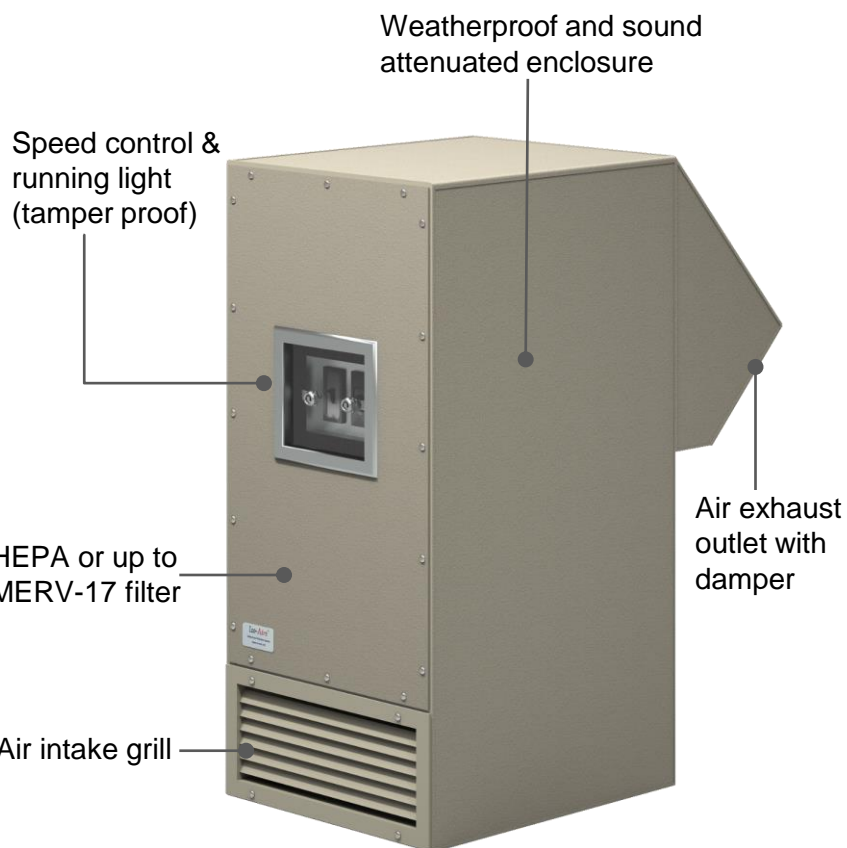


Iso-Aire™ is available in a variety of models with both exhaust and recirculation designs. A UVC sterilization light option is available on recirculation models. HEPA 99.97% or up to MERV-17 filter.

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.



*Window mounted exhaust model shown

Exhaust Models

Window Mounted

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

Floor Mounted

Sits on floor on wheels or legs. Round outlet for ducting to window.

Outside Mounted

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

Recirculation Models

Recirculation

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

UVC sterilization available on 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 26" x 48" (can be customized to fit design needs)
- R8 insulation value
- Noise level – 4-6 sones
- Up to 1,000 CFM variable speed fan
- 110 voltage
- HEPA 99.97% or up to MERV-17 filter
- Minimum of 12 air changes per hour
- Exterior – Kynar finish embossed aluminum (22 gauge), stainless option available
- Exhaust and recirculation models with various mounting options
- Variety of control options

**For more information, please call 651-243-0533,
email info@ductsandcleats.com
or visit 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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