

# Iso-Aire™

## Exhaust Models Overview and Specifications

The Iso-Aire™ exhaust and filtration system is the ideal solution for healthcare facilities needing to quickly increase isolation room capacity. The healthcare grade system has the volume and pressure to accommodate even large patient rooms. Developed to address COVID-19 and other droplet or airborne based infections in a high-performance, quiet, weather proof and quick to install unit.



### Healthcare grade design maintains comfort and resists elements

- Fully enclosed & weatherproof
- Up to 1,000 CFM, 1" total static pressure, 0.5" external static pressure
- Closed-cell R8 insulation, sound attenuated
- HEPA 99.97% or up to MERV-17 filter



### Quiet operation for patient comfort

- Variable-speed fan
- Low-noise, produces only 4-6 sones



### Easy and safe operation

- Variety of controls options
- Tamper-proof access and controls
- Secure mounting



### Easy to install for quick room conversion

- Quick production lead time
- Window, floor and outdoor mounting options
- 110 voltage with grounded plug
- 40 colors available
- Easily removed to restore conventional use



# Iso-Aire™ Exhaust Models Overview

The Iso-Aire™ exhaust system is available in a variety of models and uses a modular design to meet various application needs now and in future. All models are insulated, utilize sound attenuation and built with quality UL components.

Recirculation models, which clean the air in high traffic areas such as waiting rooms, are also available. Please see the recirculation model spec sheet or system brochure for more information.



## Window Mounted

Space saving design fits in window for increased floor space. Fits various window sizes with custom insulated panel system.



## Floor Mounted

Sits on floor with stainless wheel mounted cart or leg sets. 12" round outlet for ducting to window.

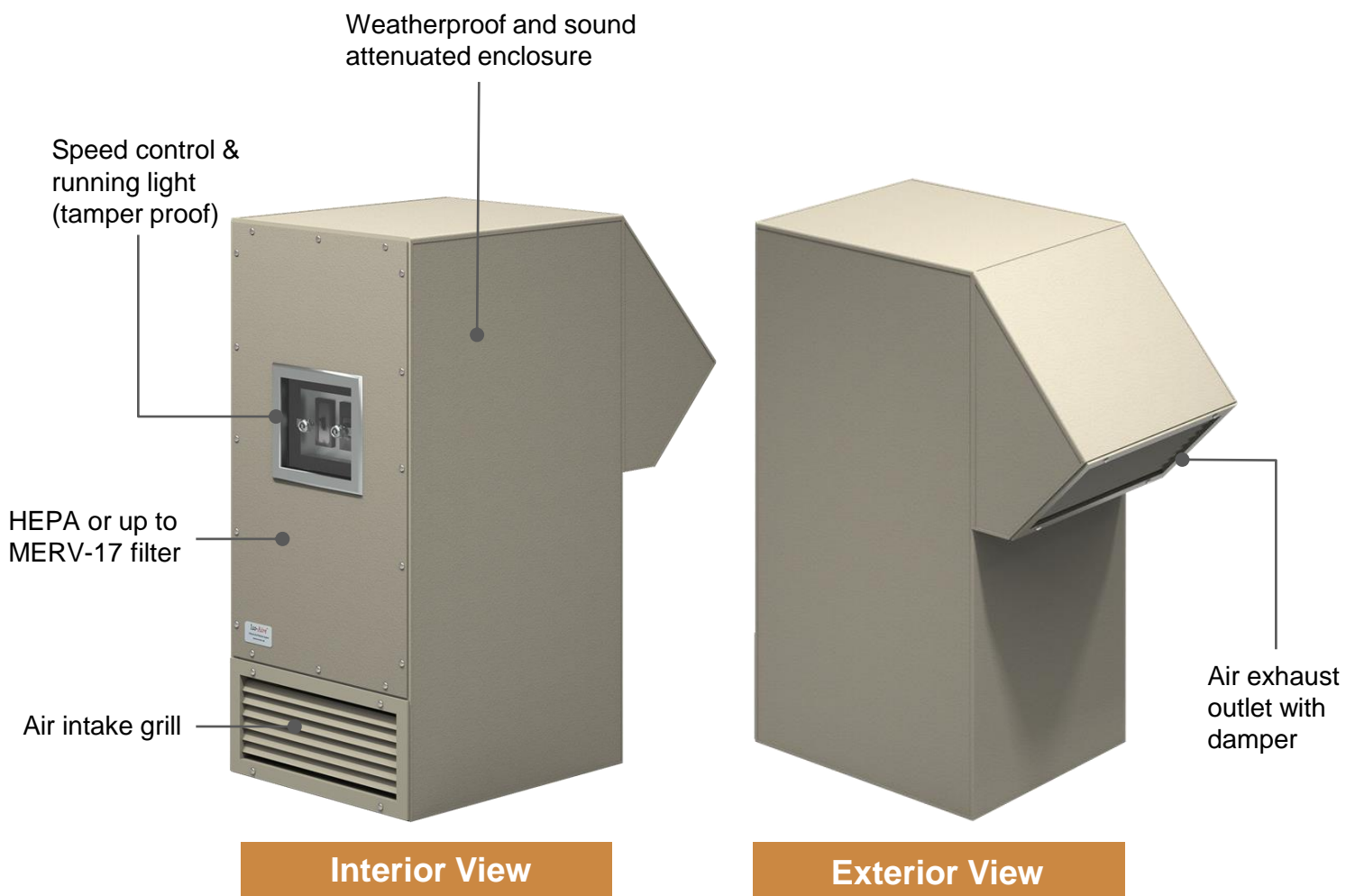


## Outdoor Mounted

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

# Iso-Aire™ Exhaust Models Overview

Iso-Aire's various models 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.



## Enclosure

- Dimensions: 22" W x 26" D x 48" H
- Insulation value: R8 (closed cell)
- Weight: Approximately 190 lbs.
- Kynar finish embossed aluminum or stainless steel

## Filtration

- HEPA (20" x 24" x 12") or up to MERV-17
- Pre-filter

## Fan

- Full load amps – 10.4
- Volt/Ph/Hz – 115/1/60
- Up to 1,000 CFM
- 1" WC total static pressure, 0.5" WC external static pressure



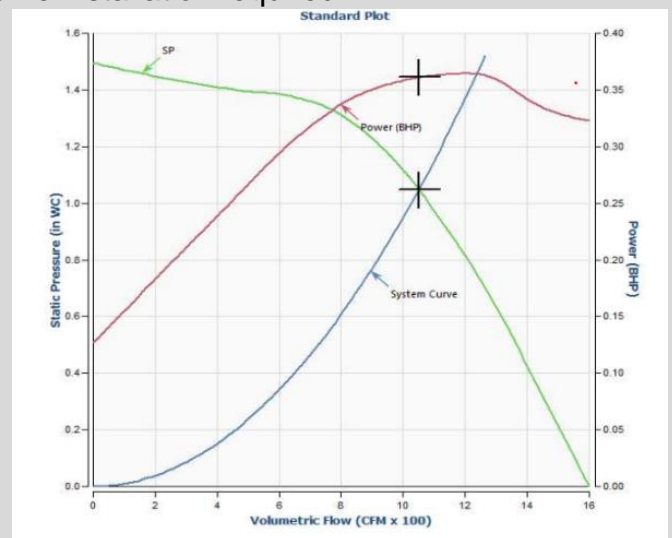
## Controls

**Standard Controls:** Simple monitoring of the filter pressures and local lights on panel to indicate restriction. ECM fan motor speed control.

**Control Option 1:** Local fan motor speed control automatically keeps room negative as compared to outside. Self contained unit control has sensing locations on face of unit in room and face of the exhaust air hood.

**Control Option 2:** Provide a remote panel with the system to show room pressure to the corridor to make room negative to common space. Fan speed is automatic and panel lights show room pressure status. Some installation required.

**Control Option 3:** Provide upgraded network type controller. Includes system visibility via IP address. The IP address is selectable/changeable by the owner to add to their network. Simple graphics to show analog values of filters and room pressure. Some installation required.



\*In an effort to meet demand due to COVID-19, fan sources may vary