

# Iso-Aire™

## Recirculation Models Overview and Specifications

The Iso-Aire™ recirculation and filtration system is the ideal solution for healthcare, nursing home, education, commercial and other facilities to protect employees, patients and customers from air contamination and infections. The healthcare grade system has the capacity to accommodate even large rooms. Iso-Aire provides cleaned air to the area in a high-performance, quiet and quick to install unit.



### Healthcare grade design provides filtered & cleaned air

- Fully enclosed, insulated & weatherproof
- Up to 1,000 CFM, 1" total static pressure, 0.5" external static pressure
- Up to 2,000 CFM unit also available
- HEPA 99.97% filtration and optional UVC sterilization



### Quiet operation for comfort

- Variable-speed fan
- Low-noise, produces only 4-6 sones
- Sound attenuated and thermal insulation



### Easy and safe operation

- Variety of control options
- Tamper-proof access
- Secure mounting



### Easy to install for quick room conversion

- Quick production lead time
- Variety of mounting options
- 110 voltage with grounded plug
- 40 colors available



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The Iso-Aire™ recirculation 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. Wheeled or leg based mounting.

Exhaust models, which convert rooms into negative pressure isolation rooms, are also available. Please see the exhaust model spec sheet or system brochure for more information.



### HEPA, No UVC

99.97% HEPA filtration with local air intake and discharge grill. Discharge outlet instead of grille is available.



### HEPA and UVC

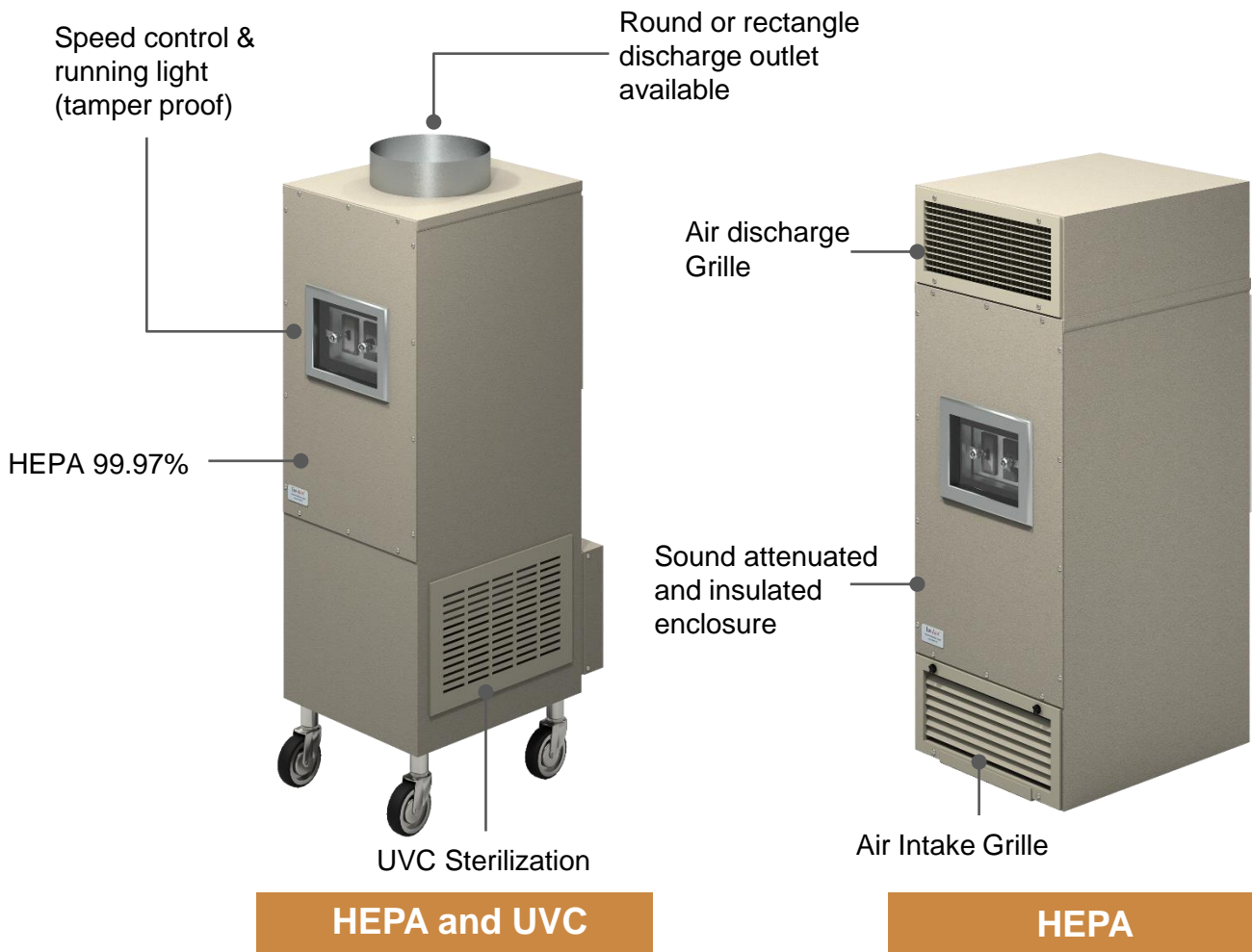
UVC sterilization destroys viruses, bacteria and allergens. Paired with a 99.97% HEPA.



### HEPA and UVC, Outlet

UVC sterilization destroys viruses, bacteria and allergens. Paired with a 99.97% HEPA. Round or rectangle discharge outlet for connecting to ductwork.

## Recirculation Models Overview



## Enclosure

- Dimensions – With HEPA, no UV:
  - 22" W x 26" D x 60" H
- Dimensions – With HEPA and UV:
  - 22" W x 29.5" D x 71.8" H
- If ordering an outlet discharge instead of grille, deduct 10" from H dimension
- Insulation value: R8 (closed cell)
- Weight:
  - HEPA, no UV – Approx. 198 lbs.
  - HEPA & UV – Approx. 325 lbs.
- Kynar finish embossed aluminum or stainless steel

## Filtration

- HEPA (20" x 24" x 12")
- Pre-filter
- Optional UVC sterilization

## Fan

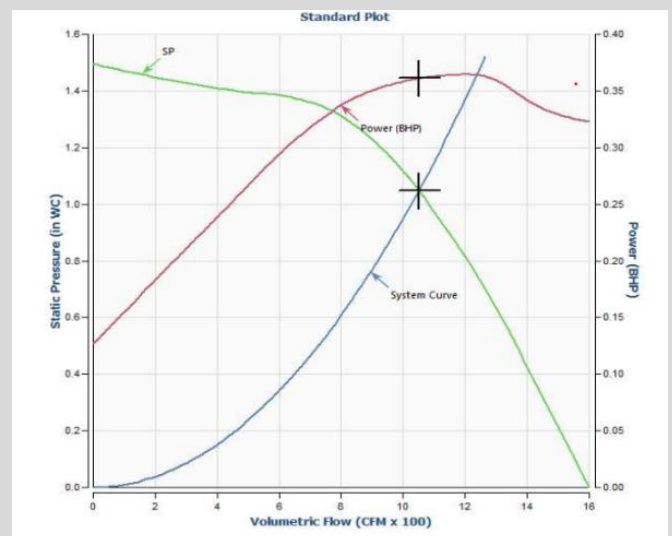
- Full load amps – 10.4
- Volt/Ph/Hz – 115/1/60
- Up to 1,000 CFM
- 1" WC total static pressure, 0.5" WC external static pressure

## Controls

**Standard Controls:** Simple monitoring of the filter pressures. Local running lights and ECM fan motor speed control.

**Control Option R1:** Control uses differential pressure across filters to automatically adjust fan speed to maintain desired airflow.

**Control Option R2:** Upgraded network type controller to allow for system visibility to the facilities Building Automation System (BAS) via IP address. The IP address is selectable / changeable by the owner to add to their network. Simple graphics and analog values of filter pressure. Some installation required.



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