

Indoor Air Quality Solutions

ISO-Aire™ Products



RELIABLE AND AFFORDABLE MOBILE UNITS, DELIVERING A ROOM-LEVEL IAQ SOLUTION.

CM3 Building Solutions has been deploying indoor air quality solutions for healthy buildings for more than a decade. Our IAQ experts curate the latest technologies for total building wellness.

We proudly offer the ISO-Aire product line, a best-in-class mobile, IAQ solution from Ducts and Cleats.

ISO-Aire has been thoroughly tested by CM3 engineers and is used at our headquarters in Fort Washington, PA.

PORTABLE AIR PURIFICATION SYSTEM



ISO-Aire™ clean air technology is the ideal solution for your facilities, helping you protect occupants from air contamination and infectious airborne pathogens.

The medical-grade filtration system has the capacity to accommodate rooms and spaces of all sizes and configurations.

ISO-Aire captures and mitigates 99.99% of harmful airborne contaminants like viruses, bacteria, mold, smoke, allergens, and more. ISO-Aire provides clean air to indoor spaces in a quick-to-install, quiet, high-performance unit.

Medical-grade design with 3 levels of protection

- » 99.99% HEPA and optional ozone-free bipolar ionization and/or UVC sterilization provides industry leading protection
- » Recommended ASHRAE and CDC mitigation strategy
- » 400 - 500 CFM (RSF300 / 500)
- » Quality, long-life components

Quiet operation

- » Variable-speed ECM fan
- » Low-noise, produces only 34 - 50 dBA
- » Sound attenuated

Easy and safe

- » Variety of control options
- » Simple maintenance
- » Rapid deployment

Quick to install

- » Quick production lead time
- » 110 voltage with grounded plug
- » Color options available



RSF 500 PRODUCT SPECIFICATIONS

Product Overview

- » Emits 500 Cubic feet of healthcare-grade sanitized air per minute (500 CFM).
- » Up to approximately 3,800 square feet or 1 air change/hour (ACH) or approximately 1,900 square feet with 2 ACH as recommended by ASHRAE and CDC guidelines.

Enclosure

Standard Unit Dimensions:

- » 22" W x 22" D x 47" H standard (22" W x 22" D x 59" H with UVC option)

Weight:

- » Approx. 155 lbs. (without UVC)
- » Approx. 200 lbs. (with UVC)

Enclosure Material:

- » 22 gauge embossed steel or stainless steel
- » Rolling casters

Medical-Grade Filtration

- » HEPA 99.99% (19.375" x 19.375" x 11.5") with filtration to 0.3um
- » MERV-8 pre-filter (18" x 20" x 1")
- » Optional ozone-free bipolar ionization
- » Optional UVC sterilization

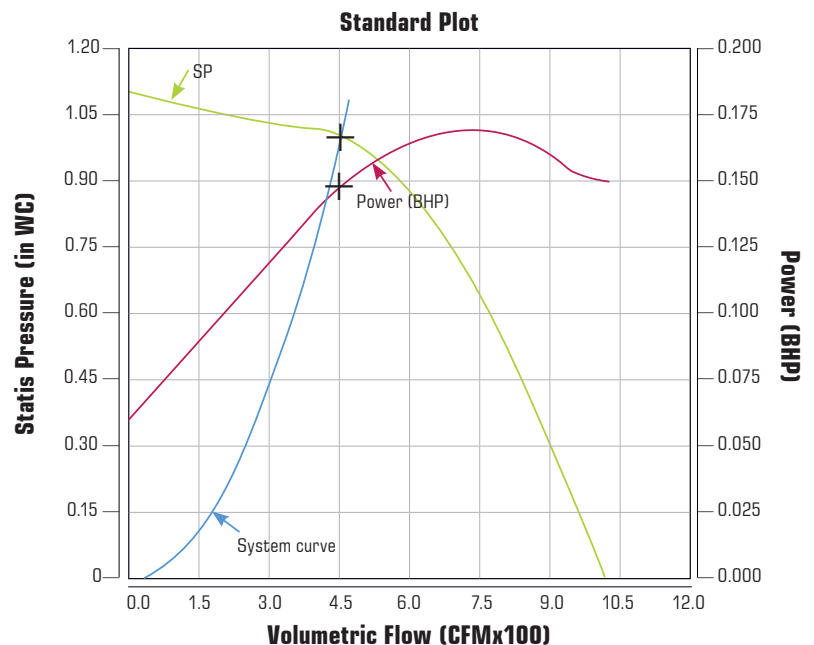
High-Powered Fan

- » Full load amps – 3.9 Volt/Ph/Hz – 110/1/60
- » Up to 500 CFM

Controls

Standard Controls

On/off switch and ECM fan motor speed control. Access port for filter pressure monitoring.



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

RSF 300 PRODUCT SPECIFICATIONS

Product Overview

- » Emits 400 Cubic feet of healthcare-grade sanitized air per minute (400 CFM).
- » Up to approximately 3,000 square feet or 1 air change/hour (ACH) or approximately 1,500 square feet with 2 ACH as recommended by ASHRAE and CDC guidelines.

Enclosure

Standard Unit Dimensions:

- » 18" W x 18" D x 44" H standard (18" W x 18" D x 56" H with UVC option)

Weight:

- » Approx. 80 lbs. (without UVC)
- » Approx. 105 lbs. (with UVC)

Enclosure Material:

- » 22 gauge embossed steel or stainless steel
- » Rolling casters

Medical-Grade Filtration

- » HEPA 99.99% (16" x 16" x 11.5")
- » MERV-8 pre-filter (14" x 16" x 1")
- » Optional ozone-free bipolar ionization
- » Optional UVC sterilization

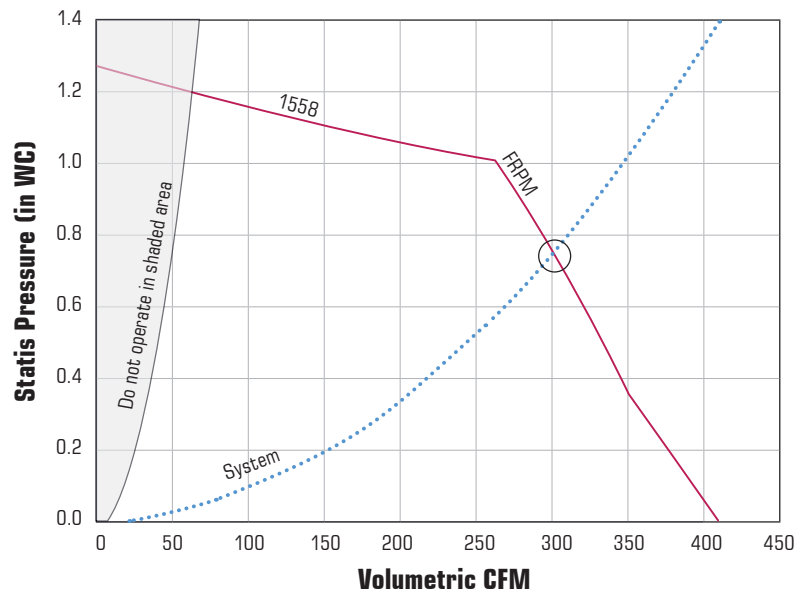
High-Powered Fan

- » Full load amps – 1.5
- » Volt/Ph/Hz – 110/1/60
- » Up to 400 CFM

Controls

Standrd Controls

On/off switch and ECM fan motor speed control. Access port for filter pressure monitoring.



○ Operating point at Total External SP

— Fan curve

⋯ System curve

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

