

S400 Specification sheet

The S400 uses patented UVC technology, laboratory tested in bio-aerosol test chambers to eliminate up to 99.9995% of viruses, eradicate bacteria and mold, removing up to 97% of non-viable particulates, destroying odor, and removing VOC's in a standard 800 cubic-foot room in minutes!

The S400 is facility proven. Nationally recognized by hospitals like NYU Medical Center, University of Rochester, Federal VA Hospitals, NY Health Hospitals, Baptist Health Systems. Using S400 in Intensive Care Units, Operating Rooms, Patient Rooms, Compounding Pharmacies, Laboratories, Isolation Rooms, Food-Service, ER's, Waiting Rooms, and more.

SPECIFICATIONS

Physical Dimensions

- 22 x 37 inches
- Weighs 62 pounds

Electrical Ratings

- Rated at 110 volts
- Rated at 1.6 Amps
- Green Dot Grounded

Decibel Level

- 62-64 decibels Certifications
- MET US/C UL 507

Construction

- High grade steel
- Antimicrobial powder coating
- Aluminum wheel base

Air Circulation

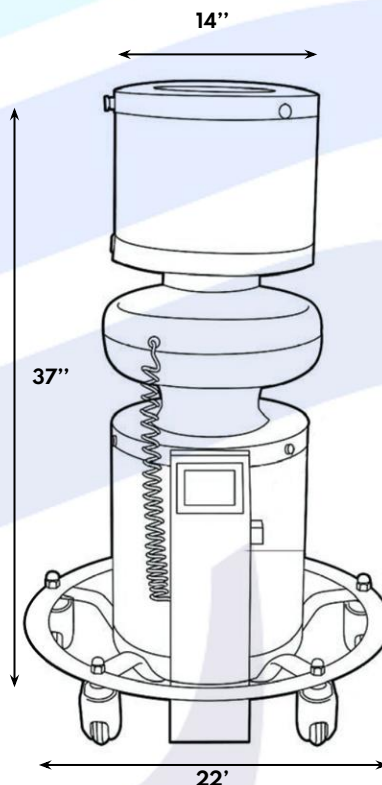
- 400 CFM Fan Motor
- Will not affect positive/negative pressure
- Air intake matches air exhaust
- 360 degree vortex air flow over a large surface area.
- Will not affect room air exchanges or room air flow.

Disinfection Process

- HEPA (0.3 um) pre-filter
- UV-C 253.7nm (254 nm) 36W non-ozone light array
- Treated carbon-coir substrate final filter granulated moisture resistant

Cleaning

- Wipe down entire machine with
- antibiotic cleaner



FEATURES

- Powerful 400 CFM fan performs complete air change disinfection within 2-5 minutes in a typical room of approximately 800 cubic feet (10'x10'x8)
- High-capacity HEPA pre-filter cartridge captures particulates down to 0.3 microns.
- Large-volume induction UVC kill chamber processing germ-laden air destroying virus, bacteria, mold less than 0.3 micron in size.
- Patented carbon substrate for complete odor and VOC removal.
- 360-degree total air system creates a quiet undetectable matching air induction and exhaust vortex.
- Zero airflow disturbance, no temperature or humidity variations, no negative or positive air pressure interference, NO by products, NO ozone.
- Lightweight 62 lbs. With aluminum balanced security base for superb stability and safety.
- 110-120 voltage standard outlet with the same power requirements as a typical residential ceiling fan.
- Green-Dot grounded electrical cord.
- On-Board Digital screen reporting:
 - HEPA filter/air flow integrity
 - Carbon final filtration integrity
 - UVC light intensity/integrity
 - Processed CFM air volume
- Premium hospital wheel casters for effortless mobility on all surfaces with touch-toe locking wheels.
- Consumable replacements with simple and economical annual self service.
- Dimensions 22"W x 37"H 62lbs.

 **ScientificAir**

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120VAC 1.2A 60Hz

EPA Est.
92896-FL-1



UL 507