

# SAM 400® Specification sheet

The SAM 400® uses a patent-pending UV-C technology, laboratory validated in EPA guideline bio-aerosol test chambers to eliminate up to 99.9995% of viruses, eradicate bacteria and mold, remove up to 70% of non-viable particulates, mitigate odor, and remove VOC's in a standard 800 cubic-foot room *in minutes!*

The SAM 400® is facility proven. Nationally recognized hospitals like NYU Medical Center, University of Rochester, Federal VA Hospitals, NY Health Hospitals, Baptist Health Systems, are using SAM400® in Intensive Care Units, Operating Rooms, Patient Rooms, Compounding Pharmacies, Laboratories, Morgues, Food-Service, ER's, waiting areas, and more.

## SPECIFICATIONS

### Physical Dimensions

- 22 x 37 inches
- Weighs 62 pounds

### Electrical Ratings

- Rated at 110 volts
- Rated at 1.6 Amps
- Grounded outlet required

### Decibel Level

- 62-64 decibels

### Certifications

- MET US/C UL 507

### Construction

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

### Air Circulation

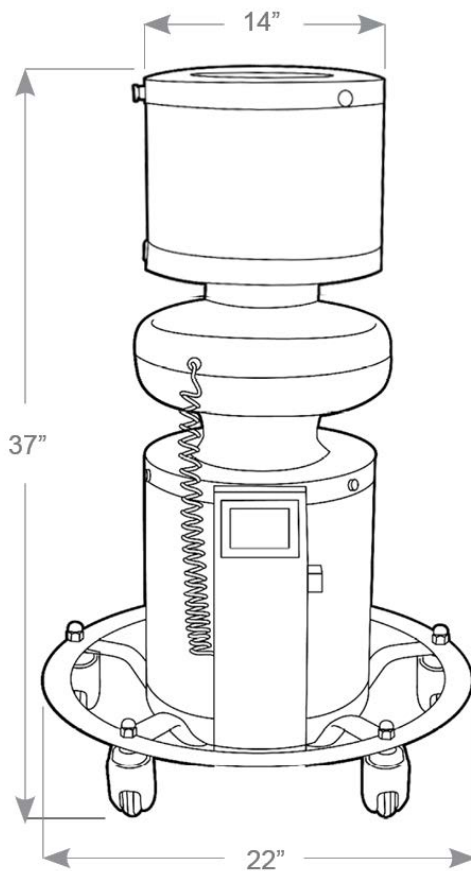
- 400 CFM
- Will not affect positive/negative pressure
- Air intake matches air exhaust
- 360 degree vortex air flow over a large surface area.
- Will not affect room air exchanges or room air flow.

### Disinfection Process

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

### Cleaning

- Wipe down entire machine with antibiotic cleaner



## Features

- Powerful 400 CFM fan performs complete air change disinfection within 60 minutes in a typical room size of 800 cubic feet.
- High-capacity SAM HEPA® pre-filter cartridge captures particulates down to 0.3 microns.
- Large-volume induction UV-C kill chamber processing pathogen-laden air, destroying virus and bacteria 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, and produces 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.
- On-Board Digital screen reporting:
- HEPA filter/air flow integrity
- UV-C light integrity/intensity
- Carbon final filtration 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.

### SAM 400

Model #	Description
SAM400	SAM 400 Portable Air Disinfection Device



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120VAC 1.2A 60Hz

