STERIS
Life Sciences

VHP® AR1200™ AERATOR

APPLICATION

The STERIS VHP *AR1200* Aerator is designed for catalyzing Vaprox® Hydrogen Peroxide Sterilant produced by VHP® Biodecontamination Units in Biodecontamination* of clean, dry, sealed Enclosures.†

* *In this document, when referring to the use of VHP® Biodecontamination Systems with Vaprox Hydrogen Peroxide Sterilant in the United States, the term Biodecontamination is defined as sterilization of exposed porous and non-porous surfaces in a precleaned, dry, sealed Enclosure. Any reference to Biodecontamination pertaining to the use of this equipment in the United States does not, and is not intended to convey, additional claims of effectiveness beyond those contained in the Environmental Protection Agency (EP)A registered labeling of Vaprox Hydrogen Peroxide Sterilant (EPA Reg. No. 58779-4).*

† *Contained area to be Biodecontaminated (e.g., rooms, facilities and equipment).*

DESCRIPTION

Portable, high capacity hydrogen peroxide vapor catalyzation unit is used to shorten Biodecontamination Cycles in Enclosures. The *AR1200* Aerator shortens the Biodecontamination Cycle utilizing a high capacity 1200 scfm (2039 scmh) blower and 95% efficient platinum group metal catalyst.

The *AR1200* Aerator can be used as a stand-alone device or linked via a control cable directly to a VHP *VICTORY* Biodecontamination Unit. For larger spaces and/or faster cycle times, two *AR1200* units can be linked to a *VICTORY* Biodecontamination Unit.

The *AR1200* Aerator is available for either 120V or 230V, single phase electrical service.

STERIS VHP Biodecontamination Units are only to be operated by Trained and Certified Applicators who have successfully completed both the STERIS Training and Certification Course for applicators of Vaprox Hydrogen Peroxide Sterilant and the pertinent VHP® Biodecontamination System Operator Course. Certification must be active and in force for all Applicators of Vaprox Hydrogen Peroxide Sterilant.

STANDARDS

VHP *AR1200* Aerator meets the applicable requirements of the following standards:

- **Underwriters Laboratories (UL): UL61010-1 Second Edition** as certified by Intertek Testing Services NA Inc.
- **Canadian Standards Association (CSA): Standard C22.2 No. 61010-1 Second Edition**.
- Governing Directives for Affixing the CE Mark:
  - » **EMC Directive (2004/108/EC, 92/31/EEC, 93/68/EEC)** as certified by Intertek Testing Services NA Inc
  - » **Low Voltage Directive (2006/95/EC, 93/68/EEC)** as certified by Intertek Testing Services NA Inc

Typical only - some details may vary.

CONSTRUCTION

Frame – Constructed of aluminum and stainless steel.

Case – Scratch and crack resistant, molded in color, ABS plastic.

Casters – Non-marking, front (swivel and locking) and back (fixed and non-locking).

Blower – Internal 1200 scfm (2039 scmh) recirculation blower.

Destroyer (Catalyst) – Platinum group metal catalyst.

PREVENTIVE MAINTENANCE

Customers are encouraged to contact STERIS Life Sciences Service concerning a maintenance program. Under the terms of the program, preventive maintenance, adjustments and replacement of worn parts are provided on a scheduled basis to help ensure optimal equipment performance and to help minimize untimely or costly schedule interruptions. STERIS Life Sciences Service maintains a worldwide staff of well-equipped, factory-trained technicians to provide these services, as well as on-site installation, training and expert repair services. Contact STERIS Life Sciences Service‡ for details.

‡ *1 (800) 444-9009 or www.sterislifesciences.com.*

Item_____
Location(s)_____
_____

NOTES

1. Access must be provided to Auto/Manual switch.
2. Unit weighs approximately 106 lb (48 kg).
3. Connect equipment per local codes.

ENGINEERING DATA

IMPORTANT: *Refer to equipment drawing 146678-076 for installation details and specifications.*

Electricity

120 Vac, 50/60 Hz, 1 Phase, 7 Amp

230 Vac, 50/60 Hz, 1 Phase, 3.5 Amp

Airflow

1200 scfm (2039 scmh)

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

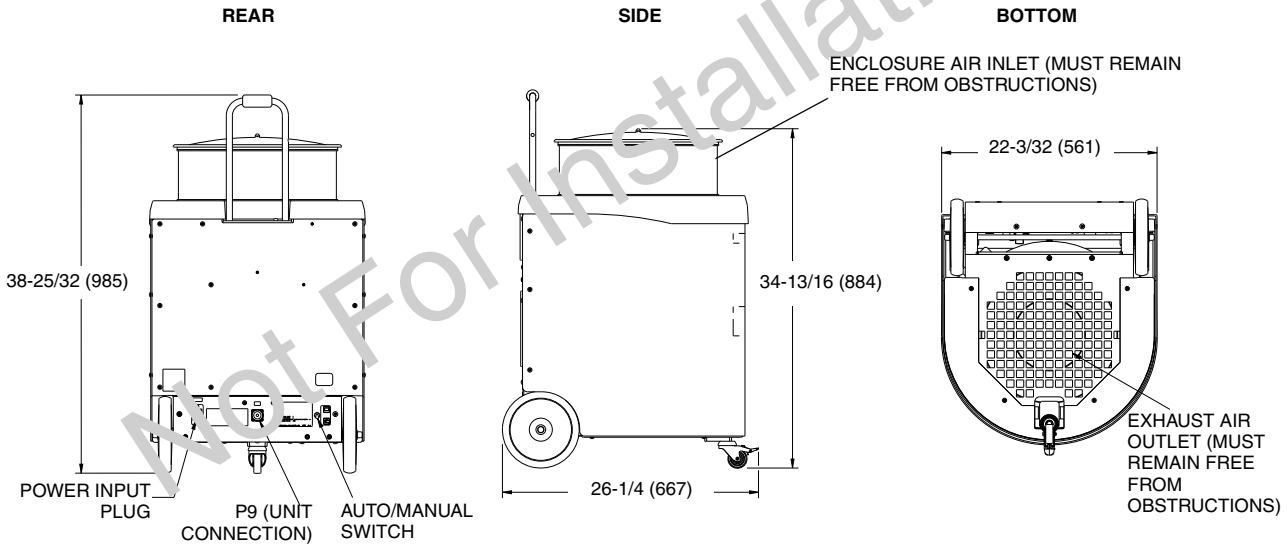
The base language of this document is ENGLISH. Any translations must be made from the base language.

Reference listed equipment drawing for detailed installation specifications. Obtain this drawing from your STERIS Representative.

Equip. Dwg. No.	Equipment Drawing Title
146678-076	Equipment Drawing - VHP AR1200

Dimensions are typical - drawing is not to scale

Dimensions are inches (mm)



For Further Information, contact:

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