

THE NEXT GENERATION OF VHP™ PEACE OF MIND

The VHP 1000i is an integrated VHP system for facility-wide biodecontamination. This automated system can achieve a repeatable 6-log bioburden reduction at the push of a button, making frequent decontamination of large spaces possible. This system includes Vaprox™ Link for enhanced regulatory compliance.



VHP 1000i Biodecontamination Unit

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| Easy Operation | Select from any of the saved Customer validated Biodecontamination Cycles and the automated control does the rest |
| Productivity | <ul style="list-style-type: none"> • Decontaminates enclosures as large as 1000m³ • VHP process technology improves cycle time • Optional USP port allows for permanent electronic cycle data capture |
| Integration | <ul style="list-style-type: none"> • Capable of operating as a standalone unit or integrated with another control system via Profinet TCP or using discrete I/O • Optional module enabling communication between STERIS VHP Generator and system network via EtherNet/IP, PROIBIBUS, Modbus TCP, BACnet/IP, or OPC UA communication protocols |
| Security | <ul style="list-style-type: none"> • Operator, Supervisor, Service, and Administrator user levels with password protection • Optional 21 CFR Part 11 Data Security Package |
| Efficiency | Proprietary Vaprox Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen |
| Traceability | Vaprox Link RFID Technology ensures lot traceability and compliance to chemistry expiration dates |
| Base Unit Includes | <ul style="list-style-type: none"> • VHP 1000i • Siemens HMI/PLC • Documentation • Vaprox bulk container connection kit |
| Applications | <ul style="list-style-type: none"> • AHS/HVAC System Integration • Isolators • Room Decontamination • Facility Decontamination |

Technical Specifications

| Controller | Input Power | Class | Input Current Amps | Dimensions L x W x H in (mm) | Net Weight lbs (kg) |
|------------|--------------------------------------------------|-----------------|--------------------|----------------------------------------------|---------------------|
| Siemens | 230V/1 ϕ /50-60Hz 380V/3 ϕ /50-60Hz | UL CSA CE | 50 35 | 48.6" x 19.4" x 77.4" (1234 x 493 x 1966) | 700lbs (318 kg) |

Accessories

Dehumidifiers

Dehumidification units available for permanent installation and portable operation.

H2O2 Sensors

Hydrogen peroxide vapor sensors available for permanent installation and portable operation.

Vaprox Distribution System - Single Source

Enables the distribution of Vaprox from a bulk container from a remote location to the VHP Biodecontamination Unit.

Sterility Assurance Products

VHP Sterilant

Vaprox Hydrogen Peroxide Sterilant

35% stabilized aqueous solution of hydrogen peroxide designed for use with VHP Biodecontamination Units and Accessories (EPA Reg. No. 58779-4).

Chemical Indicators

Steraffirm™ PCC051

Chemical indicator designed for use with STERIS's VHP process technology at low to intermediate hydrogen peroxide vapor concentrations.

Steraffirm PCC060

Chemical indicator designed for use with STERIS's VHP process technology at intermediate to high hydrogen peroxide vapor concentrations.

Biological Indicators

SpordeX™ NA333

E6 Geobacillus stearothermophilus (ATCC 12980) inoculated stainless steel coupon in Tyvek® designed for use with STERIS's VHP process technology.

SpordeX NA117

Culture media designed for use with Spordex biological indicators.

¹ Refer to the Vaprox Hydrogen Peroxide Sterilant or package label and insert for additional information and application instructions.

² Refer to the VHP M1000-T4 Operator Manual for additional information and application instructions.