

## 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

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"> <li>• Decontaminates enclosures as large as 1000m<sup>3</sup></li> <li>• VHP process technology improves cycle time</li> <li>• Optional USP port allows for permanent electronic cycle data capture</li> </ul>
Integration	<ul style="list-style-type: none"> <li>• Capable of operating as a standalone unit or integrated with another control system via Profinet TCP or using discrete I/O</li> <li>• Optional module enabling communication between STERIS VHP Generator and system network via EtherNet/IP, PROIBIBUS, Modbus TCP, BACnet/IP, or OPC UA communication protocols</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Operator, Supervisor, Service, and Administrator user levels with password protection</li> <li>• Optional 21 CFR Part 11 Data Security Package</li> </ul>
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"> <li>• VHP 1000i</li> <li>• Siemens HMI/PLC</li> <li>• Documentation</li> <li>• Vaprox bulk container connection kit</li> </ul>
Applications	<ul style="list-style-type: none"> <li>• AHS/HVAC System Integration</li> <li>• Isolators</li> <li>• Room Decontamination</li> <li>• Facility Decontamination</li> </ul>

## Technical Specifications

Controller	Input Power	Class	Input Current Amps	Dimensions L x W x H in (mm)	Net Weight lbs (kg)
Siemens	230V/1 $\phi$ /50-60Hz 380V/3 $\phi$ /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.

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

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