

THE NEXT GENERATION OF
VHP-PEACE OF MIND

With its flexible and robust design features, the VHP M100S pharmaceutical grade Biodecontamination Unit offers all-in-one versatility for applications requiring an integrated solution.



VHP™ M100S Biodecontamination Unit

Easy Operation	<ul style="list-style-type: none"> • Select from any of the saved Customer-validated Biodecontamination Cycles and the software technology does the rest^{1, 2} • All-in-one unit design enables pressure control, dehumidification, conditioning, biodecontamination, and aeration³
Productivity	<ul style="list-style-type: none"> • With 1g to 6g/min of hydrogen peroxide sterilant injection and software control, the unit can decontaminate small to medium enclosures as large as 5m³ • Advanced VHP process technology improves cycle time • Permanent electronic cycle data capture via SD card, USB flash drive, or network
Integration	<p>Capable of operating as a standalone unit or integrated with another control system via optional Profinet, EtherNet/IP, Modbus, BACnet, MPI, and/or discrete I/O</p>
Security	<p>Operator, Supervisor, and Service user levels with password protection and 21CFR optional</p>
Efficiency	<p>Proprietary Vaprox™ Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen</p>
Base Unit Includes	<ul style="list-style-type: none"> • Documentation • VH2O2 Input/Output Hoses/Connections • VHP M100 • Siemens HMI/PLC • Power Cord
Applications	<ul style="list-style-type: none"> • Isolators • Decon Chambers • Washers • Room Decontamination • Pass Through Chambers

Technical Specifications

Controller	Input Power	Class	Input Current Amps	Output Range g/min	Dimensions HxWxD in (mm)	Net Weight lbs (kg)
Siemens	230V/1Φ50-60Hz 120V/1Φ50-60Hz	UL CSA CE	15 20	1-6	26 x 31 x 14 (660 x 787 x 356)	160 (72)

Accessories

VHP Dehumidification Systems

Dehumidification systems designed for use with STERIS VHP Biodecontamination Systems.

Dräger H2O2 Sensors

Hydrogen peroxide vapor sensors available for permanent installation and portable operation (NOTE: cannot be integrated into the generator).

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™ NA114

Culture media designed for use with SpordeX™ biological indicators.

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 M100 Operator Manual for additional information and application instructions.

³ VHP dehumidification systems sold separately