

With its flexible and robust design features, the VHP M100 is a versatile All-in-One pharmaceutical grade Biodecontamination Unit for applications requiring an integrated solution.



VHP[®] M100 Biodecontamination Unit

Easy Operation	<ul style="list-style-type: none"> • Select from any of the saved Customer validated Biodecontamination Cycles and OptiaPhase software technology does the rest.^{1,2} • All-In-One unit design enables pressure control, dehumidification, conditioning, biodecontamination, and aeration.³ 	
Productivity	<ul style="list-style-type: none"> • With 1 to 6g/min of hydrogen peroxide sterilant injection and OptiaPhase software control, decontaminate small to medium enclosures as large as 5m³. • VHP process technology improves cycle time. • USB 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 Ethernet, Profinet, and/or discrete I/O. 	
Security	<ul style="list-style-type: none"> • Operator, Supervisor, and Service user levels with password protection. 	
Efficiency	<ul style="list-style-type: none"> • Proprietary Vaprox[®] Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen. 	
Base Unit Includes	<ul style="list-style-type: none"> • VHP M100 • Siemens HMI/PLC • Power Cord 	<ul style="list-style-type: none"> • Documentation • VH2O2 Input/Output Hoses/Connections
Applications	<ul style="list-style-type: none"> • Isolators • Decon Chambers • Washers 	<ul style="list-style-type: none"> • 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/1Ø/60Hz	UL CSA CE	15	1 – 6	31 x 26 x 9 (787 x 660 x 229)	160 (72)

Accessories

VHP Dehumidification Systems

Dehumidification systems designed for use with STERIS VHP Biocontamination Systems

Dräger H2O2 Sensors

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

Sterility Assurance Products

VHP Sterilant

Vaprox® Hydrogen Peroxide Sterilant

35% stabilized aqueous solution of hydrogen peroxide designed for use with VHP Biocontamination 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

Sporalex® NA333

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

Sporalex® NA114

Culture media designed for use with Sporalex biological indicators.

Sporalex® NA117

Culture media designed for use with Sporalex® 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

⁴ Siemens model only.



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STERIS Life Sciences

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