STERIS®
Life Sciences

With its high output and flexible design features, the VHP M100X is one of the most versatile pharmaceutical grade Biodecontamination Units on the market today for applications requiring an integrated solution.



VHP® M100X Biodecontamination Unit

Easy Operation	• Select from any of the saved Customer validated Biodecontamination Cycles and OptiaPhase software technology does the rest.[1,2]	
Productivity	• With 2 to 24g/min of hydrogen peroxide sterilant injection and OptiaPhase software control, decontaminate small Enclosures to Enclosures as large as 20,000ft^3 (566m^3). • VHP process technology improves cycle time. • USB port allows for permanent electronic cycle data capture.	
Integration	• Capable of operating as a standalone unit or integrated with another control system via Ethernet, Profinet, and/or discrete I/O.	
Security	• Operator, Supervisor, and Service user levels with password protection. • Optional 21 CFR Part 11 / Annex 11 Software[3]	
Efficiency	• Proprietary Vaprox® Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen.	
Base Unit Includes	• VHP M100X • Allen Bradley or Siemens HMI/PLC • Power Cord	• Documentation • VH2O2 Input/Output Hoses/Connections
Applications	• Isolators • Decon Chambers • Washers • AHS/HVAC System Integration	• Room Decontamination • Pass Through Chambers • Sterilizers

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TECHNICAL SPECIFICATIONS

Controller	Input Power	Class	Input Current Amps	Output Range g/min	Dimensions HxWxD in (mm)	Net Weight lbs (kg)
Allen Bradley	120V/1Θ/60Hz	UL CSA	15	2 – 24	31 x 26 x 9 (787 x 660 x 229)	160 (72)
Siemens	230V/1Θ/50-60Hz	UL CSA CE	15			

Accessories

21CFR Part 11 / Annex 11

Optional software feature enabling audit trail, electronic data capture/transfer, and other features for use in validation.

Munters Dehumidifiers

Dehumidification units available for permanent installation and portable operation.

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 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 M100X Operator Manual for additional information and application instructions.
[3] Siemens models only.

STERIS®

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For over 100 years, STERIS has been known as a global leader, trusted partner and solutions provider in the field of sterilization and contamination control. ***Today,*** STERIS continues building on this heritage by advancing the ***Science*** of sterilization, cleaning and infection control while offering ***Solutions*** that meet our Customers' needs and high standards. STERIS is dedicated to helping you enhance the ***Life*** of your patients and the life of your equipment. From Formulated Chemistries, to Capital Equipment, to Parts and Services, STERIS Life Sciences is ***Science & Solutions for Life***.

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