

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<sup>®</sup> M100 Biodecontamination Unit

Easy Operation	<ul style="list-style-type: none"> <li>• Select from any of the saved Customer validated Biodecontamination Cycles and OptiaPhase software technology does the rest.<sup>1,2</sup></li> <li>• All-In-One unit design enables pressure control, dehumidification, conditioning, biodecontamination, and aeration.<sup>3</sup></li> </ul>	
Productivity	<ul style="list-style-type: none"> <li>• With 1 to 6g/min of hydrogen peroxide sterilant injection and OptiaPhase software control, decontaminate small Enclosures to Enclosures as large as 5,000ft<sup>3</sup> (142m<sup>3</sup>).</li> <li>• VHP process technology improves cycle time.</li> <li>• USB 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 Ethernet, Profinet, and/or discrete I/O.</li> </ul>	
Security	<ul style="list-style-type: none"> <li>• Operator, Supervisor, and Service user levels with password protection.</li> <li>• Optional 21 CFR Part 11 / Annex 11 Software<sup>4</sup></li> </ul>	
Efficiency	<ul style="list-style-type: none"> <li>• Proprietary Vaprox<sup>®</sup> Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen.</li> </ul>	
Base Unit Includes	<ul style="list-style-type: none"> <li>• VHP M100</li> <li>• Allen Bradley or Siemens HMI/PLC</li> <li>• Power Cord</li> </ul>	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• VH2O2 Input/Output Hoses/Connections</li> </ul>
Applications	<ul style="list-style-type: none"> <li>• Isolators</li> <li>• Decon Chambers</li> <li>• Washers</li> </ul>	<ul style="list-style-type: none"> <li>• Room Decontamination</li> <li>• Pass Through Chambers</li> </ul>

## TECHNICAL SPECIFICATIONS

Controller	Input Power	Class	Input Current Amps	Output Range g/min	Dimensions HxWxD in (mm)	Net Weight lbs (kg)
Allen Bradley	120V/1Ø/60Hz	UL CSA	20	1 – 6	31 x 26 x 9 (787 x 660 x 229)	160 (72)
Siemens	230V/1Ø/60Hz	UL CSA CE	10			

### Accessories

#### VHP Dehumidification Systems

Dehumidification systems designed for use with STERIS VHP Biodecontamination Systems

#### 21CFR Part 11 / Annex 11

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

#### 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.

<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 M100 Operator Manual for additional information and application instructions.

<sup>3</sup> VHP dehumidification systems sold separately

<sup>4</sup> Siemens model only.



STERIS CORPORATION  
5960 Heisley Road  
Mentor, OH 44060, USA  
T +1 800 444 9009

[www.STERISLifeSciences.com](http://www.STERISLifeSciences.com)

#### STERIS Offices Worldwide

Asia Pacific	+65 (0) 68 41 7677
Canada	+1 800 444 9009
Finland	+358 9 25851
France	+33 (0) 2 38 84 85 40
Germany	+49 (0) 221 466120
Italy	+39 (0) 2 21303 424
Latin America	+1 800 444 9009
Spain	+34 (0) 916 585 920
United Kingdom	+44 (0) 1256 840400

## STERIS Life Sciences | Science & Solutions for Life

**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**.

© 2015 STERIS Corporation  
All rights reserved

No part of this publication may be reproduced in any material form without the permission of STERIS Corp.