

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

- Select from any of the saved Customer-validated Biodecontamination Cycles and the OptiaPhase software technology does the rest<sup>1, 2</sup>
- All-in-one unit design enables pressure control, dehumidification, conditioning, biodecontamination, and aeration<sup>3</sup>

### Productivity

- With 1g to 6g/min of hydrogen peroxide sterilant injection and OptiaPhase software control, the unit can decontaminate small to medium enclosures as large as 5m<sup>3</sup>
- Advanced VHP process technology improves cycle time
- Permanent electronic cycle data capture via SD card, USB flash drive, or network

### Integration

- Capable of operating as a standalone unit or integrated with another control system via Ethernet, MPI, and/or discrete I/O

### Security

- Operator, Supervisor, and Service user levels with password protection and 21CFR optional

### Efficiency

- Proprietary Vaprox® Hydrogen Peroxide Sterilant minimizes risk of equipment damage and is biodegradable into water vapor and oxygen

### Base Unit Includes

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| <ul style="list-style-type: none"> <li>• Documentation</li> <li>• VH2O2 Input/Output Hoses/Connections</li> </ul> | <ul style="list-style-type: none"> <li>• VHP M100</li> <li>• Siemens HMI/PLC</li> <li>• Power Cord</li> </ul> |
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### Applications

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| <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> |
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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)
Siemens	230V/1Φ/50/60Hz	UL CSA CE	15	1 – 6	31 x 26 x 14 (787 x 660 x 356)	160 (72)
	120V/1Φ/50/60Hz		20			

## 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

#### Spor dex® NA333

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

#### Spor dex® NA114

Culture media designed for use with Spor dex biological indicators.

#### Spor dex® NA117

Culture media designed for use with Spor dex 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.