

With its compact design and configurable options, the VHP 1000ARD is a versatile mobile unit designed to meet an array of biodecontamination needs.



## VHP<sup>®</sup> 1000ARD Biodecontamination Unit

Easy Operation	<ul style="list-style-type: none"> <li>• OptiaPhase software technology automatically runs the programmed Biodecontamination Cycle.<sup>1,2</sup></li> <li>• USB port allows for permanent electronic cycle data capture.</li> </ul>	
Capacity	<ul style="list-style-type: none"> <li>• With 2 to 12g/min of hydrogen peroxide sterilant injection and OptiaPhase software control, decontaminate small Enclosures to Enclosures as large as 7,000ft<sup>3</sup> (200m<sup>3</sup>).</li> <li>• Multiple units can be used to decontaminate up to 70,000ft<sup>3</sup> (2000m<sup>3</sup>).</li> </ul>	
Scalability	<ul style="list-style-type: none"> <li>• Network up to 10 Units via Ethernet.</li> <li>• Optional RealVNC remote software operation for synchronized biodecontamination of multiple rooms and complete facilities.</li> <li>• Link up to 3 VHP 1000ARD Tri-Scale Sensors for biodecontamination monitoring and data.</li> <li>• Link a dehumidifier, aeration, or circulation unit.</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 1000ARD</li> <li>• B&amp;R HMI/PLC</li> <li>• 120V or 230V Power Cord</li> </ul>	<ul style="list-style-type: none"> <li>• Electronic Documentation (CD)</li> <li>• VH2O2 Input/Output Hoses/Connections</li> </ul>
Applications	<ul style="list-style-type: none"> <li>• Room Decontamination</li> <li>• Decon Chambers</li> <li>• Washers</li> </ul>	<ul style="list-style-type: none"> <li>• Biological Safety Cabinets</li> <li>• Sterilizers</li> </ul>

<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 1000ARD Operator Manual for additional information and application instructions.

## TECHNICAL SPECIFICATIONS

Controller	Input Power	Class	Input Current Amps	Output Range g/min	Dimensions HxWxD mm (in)	Net Weight lbs (kg)
B&R	120V/1Ø/50/60Hz	UL CSA	13	2 – 12	24-3/4 x 37-1/4 x 40-1/4 (629 x 949 x 1028)	150 (68)
	230V/1Ø/50-60Hz	UL CSA CE	7			

### Accessories

#### VHP® 1000ARD Aeration Unit

Portable, hydrogen peroxide vapor catalyzation unit shortens Biodecontamination Cycles in Rooms and Facilities.

#### VHP® 1000ARD Circulation Unit

Portable, circulation unit facilitates movement of hydrogen peroxide vapor within an Enclosure.

#### VHP® 1000ARD Contactor Unit

Enables the use of aeration, circulation and other units via the 1000ARD B&R control.

#### VHP® 1000ARD Tri-Scale Sensor

Provides real-time relative humidity, temperature, and hydrogen peroxide vapor concentration values.

#### VHP® Dehumidification Systems

Dehumidification systems designed for use with STERIS VHP Biodecontamination Systems.

#### VHP® AR1200™ Aerator

Portable, high capacity hydrogen peroxide vapor catalyzation unit shortens Biodecontamination Cycles in Rooms and Facilities.

#### 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.



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## STERIS Life Sciences

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, and to Parts and Services, STERIS Life Sciences is your Solutions provider.

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