



**Instructions for Use: Heat Vest**

<b>Brand Name of Product</b>	Heat Vest
<b>Generic Name of Product</b>	Heat Vest
<b>Product Code Number(s)</b>	HV-001, HV-002, HV-003, HV-004, HV-005, HV-006, HV-007
<b>Intended Use</b>	To provide heating of the core body temperature.
<b>Range of Applications for Product</b>	
<b>Key Specifications of Product</b>	<ul style="list-style-type: none"> <li>• One person, one vest per use</li> <li>• InfraRed heating system with carbon fiber elements (3 pads connected by wires)</li> <li>• Temperature controller</li> <li>• Li-Polymer battery unit</li> <li>• Battery charger</li> <li>• Battery             <ul style="list-style-type: none"> <li>○ Type Li-Polymer</li> <li>○ Voltage 7.4V</li> <li>○ Capacity 4400mAh</li> <li>○ Weight 8.0 oz (237 gm)</li> <li>○ Dimensions 3.25” x 2.75” x 1” (8.3 x 7 x 2.5 cm)</li> <li>○ Battery Life 500 charge cycles</li> <li>○ Approvals CE, TUV, UL, CCC</li> <li>○ Country of Origin China</li> </ul> </li> <li>• IonGear™ Temperature Specifications             <ul style="list-style-type: none"> <li>○ SETTINGS Temperature Approx. Duration - Full Charge</li> <li>○ LOW 104°F/40°C 9 hours</li> <li>○ MED 122°F/50°C 6 hours</li> <li>○ HI 140°F/60°C 4 hours</li> </ul> </li> </ul>

**Shipping & Storage**

<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	
<b>Packaging Contents</b>	
<b>Shelf Life</b>	

**Instructions for Using Product**

<b>Description of Use (s)</b>	To provide heating of the core body temperature.
<b>Preparation for Use</b>	<p><b>Charging the Battery:</b></p> <ol style="list-style-type: none"> <li>1. Connect the battery to the charger and plug the charger into any standard electrical outlet. The battery must continuously charge for a minimum of eight hours during its initial charge period.</li> <li>2. After the initial charge, it should take approximately four hours to re-charge a fully discharged battery.</li> <li>3. The LED light on the charger will indicate RED when the battery is being charged and will indicate GREEN once the battery is fully charged.</li> </ol>
<b>Diagrams (drawings, pictures)</b>	
<b>Steps for Use of Product</b>	<ol style="list-style-type: none"> <li>1. <b>Connecting the System:</b> <ol style="list-style-type: none"> <li>a. Once fully charged, insert the battery into the reinforced battery pocket (inside front, lower left hand side). The battery should be inserted with the battery wire pointing upward. Secure the battery in place by firmly closing the hook &amp; loop pocket closure. Insert the heating elements into the internal pockets and close using hook/loop closure (the front right element will need to slide through the back pocket in order for all the heating elements to fit properly). Each heating element pad will have a “Face Inward” marking on one side, always ensure that this side is against the body. Insert the temperature controller into the chest pocket and feed the two wires through the grommet hole at the bottom of the pocket (wire ends will need to be fed through one at a time). Connect the heating elements to the temperature controller and connect the battery to</li> </ol> </li> </ol>

	<p>the temperature controller. Tuck any excess wires into the pocket behind the battery.</p> <p>2. <b>Using the Battery Powered Heating Vest or Jacket:</b></p> <p>a. After connecting your IonGear system, access the temperature controller in the chest pocket. Push the “ON/OFF” button to turn on the system (the temperature will default to MED). Adjust the temperature settings by pressing the LOW, MED &amp; HI buttons found on the temperature controller. You should feel warmth from the heating elements 1 – 2 minutes after turning on your system.</p> <p>3. <b>Re-charging the Battery:</b></p> <p>a. Remove the battery from the vest, connect it to the charger and plug the charger into any standard electrical outlet. Charging is complete once the LED on the charger indicates green.</p>
<b>Interpretation of Results</b>	
<b>Contraindications of Test Results</b>	
<b>Documentation</b>	1-year product warranty
<b>Special Warnings and Cautions</b>	<ul style="list-style-type: none"> <li>• Read and follow all “Operating Instructions” prior to using this product.</li> <li>• Stop using this product immediately if it becomes damaged or is found to be defective.</li> <li>• Do not attempt to disassemble the battery unit, temperature controller or heating elements. If the battery unit, temperature controller or heating element is broken, cracked or ruptured, avoid contact with skin and discard immediately.</li> <li>• In the event of contact with skin, mouth or eyes, flush immediately with cold water and consult a physician.</li> <li>• Do not place heating elements directly on the skin, during sleeping, with infants, on frostbite or on desensitized skin as this may cause irritation or burns.</li> <li>• Discontinue use immediately if InfraRed Heating Elements become uncomfortably hot. Keep out of reach of children.</li> <li>• Do not use this product if battery unit, temperature controller or heating elements will be directly exposed to water or wet conditions.</li> <li>• Remove all electronics when washing the Heat Vest.</li> </ul>
<b>Disposal</b>	

<b>Reprocessing Instructions</b>	
<b>Point of Use</b>	
<b>Preparation for Decontamination</b>	
<b>Disassembly Instructions</b>	
<b>Cleaning – Manual</b>	To clean the Heating Elements, Battery, Temperature Controller and/or Charger, wipe with a dry cloth.
<b>Cleaning – Automated</b>	<ul style="list-style-type: none"> <li>• To wash this product, remove all system components from the garment.</li> <li>• Machine wash the 100% polyester fleece vest (garment only) in cold water and tumble dry on low heat.</li> </ul>
<b>Disinfection</b>	
<b>Drying</b>	
<b>Maintenance, Inspection, and Testing</b>	
<b>Reassembly Instructions</b>	
<b>Packaging</b>	
<b>Sterilization</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Store the battery/controller in a cool, dry area.</li> <li>• Avoid extended exposure to direct sunlight. Re-charge after long periods of non-use.</li> </ul>
<b>Additional Information</b>	

<b>Related Healthmark Products</b>	
<b>Other Product Support Documents</b>	PPE Brochure, PPE Price List
<b>Reference Documents</b>	
<b>Customer Service Contact</b>	Healthmark Industries Company, Inc. 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600

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