AIRWEDGE®
Adjustable Positioning Device

User Manual

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Intended Use and Precautions

Intended Use
The AirWedge® Adjustable Positioning Device is used to pneumatically lift and position the head and chest of a patient who is lying in the supine position without manual lifting. It may also be used to elevate legs, feet, etc.

Indications for Use
Patients who are unable to position themselves for procedures or general patient care

Contraindications
Patients who are experiencing thoracic, cervical or lumbar fractures that are deemed unstable

Intended Care Settings
Hospitals, long term or extended care facilities

Precautions – AirWedge
• Ensure the AirWedge meets the patient’s needs before using.
• A clinical assessment should be carried out by a qualified medical professional before positioning patients using the AirWedge.
• Make sure patient is centered on the AirWedge before inflating.
• Caregiver(s) must ensure the patient is attended and stabilized while on the AirWedge.
• Always use a minimum of two caregivers when operating the AirWedge.
• Product should only be used by trained personnel.
• Only use attachments and/or accessories that are authorized by HoverTech International.

Precautions – HoverTech International Air Supply
• Not for use in the presence of flammable anesthetics or in a hyperbaric chamber or oxygen tent.
• Route the power cord in a manner to ensure freedom from hazard.
• Avoid blocking the air intakes of the Air Supply.
• Use this product only for its intended purpose as described in this manual.
• CAUTION: Avoid electric shock. Do not open HoverTech International Air Supply.
• WARNING: Reference product specific user manuals for operating instructions.

Symbol Reference
Declaration of Conformity to Medical Device Directive
The ADJUSTABLE keypad function has four different settings. Each press of the button increases the air pressure and rate of inflation. The Green Flashing LED will indicate the inflation speed by the number of flashes (i.e., two flashes equals the second inflation speed).

STANDBY: Used to stop inflation/air flow (Amber LED indicates STANDBY mode).
Instructions for Use

1. Center the AirWedge on the surface where it is to be used and secure with rail straps.

2. For head and chest elevation, center patient on the AirWedge, with the patient’s head close to the top edge of the pillow. (The AirWedge can also be used to elevate legs, feet, etc. For these and other uses, place the AirWedge as needed and follow the inflation procedure.)

3. To begin inflation, hold the HT-Air air supply hose against the head inflation valve. Press the ADJUSTABLE button on the HT-Air keypad to initiate air flow and select the appropriate speed. Partially inflate head pillow. Move hose to chest inflation valve and inflate to desired height. Then, finish inflating head pillow as needed.

4. The firmness can be reduced by pressing the diaphragm in each inflation valve to slowly deflate the chamber.

5. When the procedure is complete, deflate the AirWedge by pressing the diaphragm in each inflation valve until both chambers are fully deflated.

Product Specifications/Required Accessories

AIRWEDGE ADJUSTABLE POSITIONING DEVICE

<table>
<thead>
<tr>
<th>Material:</th>
<th>Double-coated polyurethane nylon twill</th>
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</thead>
<tbody>
<tr>
<td>Construction:</td>
<td>RF Welded</td>
</tr>
<tr>
<td>Width:</td>
<td>22” (56 cm) (Deflated)</td>
</tr>
<tr>
<td>Length:</td>
<td>30” (76 cm) (Deflated)</td>
</tr>
</tbody>
</table>

Model #: HTPP-200
Weight Limit: 800 LBS/363 KG

REQUIRED ACCESSORY:
Model #: HTAIR1200 (North American Version) – 120V~, 60 Hz, 10A
Model #: HTAIR2300 (European Version) – 230V~, 50 Hz, 6A
Model #: HTAIR1000 (Japanese Version) – 100V~, 50/60 Hz, 12.5A
Model #: HTAIR2356 (Korean Version) – 230V~, 50/60 Hz, 6A

LATEX FREE
Cleaning & Preventive Maintenance

In between patient uses, the AirWedge should be wiped down with a cleaning solution used by your hospital for medical equipment disinfection. A 10:1 bleach solution (10 parts water: one part bleach) or disinfectant wipes can also be used. It is important to follow the cleaning solution manufacturer’s instructions for use, including dwell time and saturation.

NOTE: Cleaning with bleach solution may discolor fabric.

Do not launder the AirWedge.

Infection Control

Whatever the patient is lying on to keep the surface clean may be placed on top of the AirWedge to help keep it clean. If desired, a disposable sheet may be used to cover the AirWedge (available for separate purchase).

If the AirWedge is used on an isolation patient, the hospital should employ the same protocols/procedures it utilizes for the bed mattress and/or for linens in that patient room.

Preventive Maintenance

Prior to use, a visual inspection should be performed on the AirWedge to ensure that there is no visible damage that would render the AirWedge unusable.

The AirWedge should be periodically inspected to ensure the following:

• All inflation/deflation valves are self-sealing with no evidence of leakage.
• All rails straps are attached to the AirWedge.
• All snaps are intact and operational.
• There are no punctures or tears in the AirWedge.

If any damage is found that would cause the AirWedge not to function as intended, the AirWedge should be removed from use and returned to HoverTech International for repair.
Warranty Statement

The AirWedge Adjustable Positioning Device is warranted to be free from defects in materials and workmanship for (1) one year. Warranty begins on date of in-service by a HoverTech International representative or shipment date. In the unlikely event that a problem arises as a result of a defect in materials or workmanship, we will promptly repair your item or replace it if we feel that it cannot be repaired – at our expense and discretion using current models or parts performing the equivalent function – upon receipt of the original item to our repair department.

You must pre-notify HoverTech International by phone (800-471-2776). Item is to be insured by you against loss during transportation and must be shipped with transportation and/or broker charges prepaid. Should any HoverTech International product be returned that is not covered under warranty, there will be a minimum $100 service charge plus shipping costs.

This warranty is not an unconditional guarantee for the life of the product. Our warranty does not cover product damage that may result from use contrary to manufacturer's instructions or specifications, misuse, abuse, tampering, or damage due to mishandling. Equipment that has been neglected, improperly maintained, repaired or altered by someone other than an authorized representative of manufacturer, or operated in anyway contrary to the operating instructions, shall void this warranty.

This warranty does not cover normal “wear and tear.” Component parts, particularly any optional equipment, valve caps, their attachments and cords, will show wear with use over time and eventually may need to be refurbished or replaced. This normal type of wear is not covered by our warranty, but we will provide prompt, high quality repair service and parts at a nominal cost.

HoverTech International’s liability under this warranty and on any claim of any kind for any loss or damage arising out of, connected with, or resulting from the design, manufacture, sale, delivery, installation, repair or operation of its products, whether in contract or tort, including negligence, shall not exceed the purchase price paid for the product and upon expiration of the applicable warranty period, all such liability terminates. The remedies which this warranty provides are exclusive and HoverTech International shall not be liable for any incidental or consequential damages.

There are no warranties, expressed or implied, which extend beyond this warranty statement. The provisions of these warranty clauses are in lieu of all other warranties, expressed or implied, and of all other obligations or liabilities on HoverTech International’s part and they neither assume nor authorize any other person to assume for HoverTech International any other liability in connection with manufacturer sale or lease of said products. HoverTech International makes no warranty of merchantability or fitness for a particular purpose. By accepting the goods, the buyer acknowledges that buyer has determined the goods are suitable for the buyer's purposes.

MANUFACTURER’S SPECIFICATIONS ARE SUBJECT TO CHANGE.
Returns and Repairs

All products being returned to HoverTech International (HTI) must have a Returned Goods Authorization (RGA) number issued by the company. Please call (800) 471-2776 and ask for a member of the RGA Team who will issue you an RGA number. Any product returned without an RGA number will cause a delay in the repair time.

HTI’s warranty covers manufacturer’s defects in material and workmanship. If a repair is not covered under warranty, a minimum repair fee of $100 per item will be assessed, plus return shipping. A Purchase Order for the repair charge should be provided by the facility at the time the RGA number is issued, should the repair not be covered under warranty. Lead-time for repairs is approximately 1-2 weeks, not including shipping time.

Returned products should be sent to:

   HoverTech International  
   Attn: RGA # ___________  
   4482 Innovation Way  
   Allentown, PA 18109