Manual for HoverMatt® ATS
HoverMatt® Air Transfer System
Air Supply
# HOVERMATT® USER MANUAL

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Symbol Reference

⚠️ Attention! Please read accompanying documents.

↑↑ This End Up

Type BF Applied Part

Temperature

Declaration of Conformity to Medical Device Directive

Humidity

Functional Earth (Ground)

Date of Manufacture

Alternating Current

Keep Dry

Underwriters Laboratory Agency Approval

120 V~:
Medical Equipment with respect to electrical shock, fire and mechanical hazards only in accordance with UL 60601-1, IEC/EN 60601-1, CAN/CSA C22.2 No. 601.1

230 V~:
Medical Equipment with respect to electrical shock, fire and mechanical hazards only in accordance with UL 60601-1, IEC 60601-1-2 CAN/CSA C22.2 No. 601.1
Intended Use and Precautions

- **Indications:**
  Patients unable to assist in their own lateral transfer. Patients whose weight or girth poses a potential health risk for the caregivers responsible for repositioning or laterally transferring said patients.

- **Contraindications:**
  Patients who are experiencing thoracic, cervical or lumbar fractures who are deemed unstable, unless using in conjunction with a spinal board on top of the HoverMatt mattress.

- **Intended Care Settings:**
  Hospitals, long term or extended care facilities

- **Precautions:**
  Caregivers must verify that all caster brakes have been engaged prior to transfer.
  Additional caregivers are recommended when moving a patient over 750 lbs / 340kg.
  Never attempt to move a patient on an uninflated HoverMatt mattress.
  Route the power cord in a manner to ensure freedom from hazard.
  Avoid blocking the air intakes of the Air Supply.
  Never leave patient unattended on an inflated device.
  Use this product only for its intended purpose as described in this manual. Only use attachments and / or accessories that are authorized by HoverTech International.
  When transferring to a low air loss bed, set the bed mattress air flow to the highest level for a firm transfer surface.
  **WARNING:** For safety, always use two people during patient transfer.
  **CAUTION:** Avoid electric shock. Do not open Air Supply.
  **WARNING:** Reference product specific user manuals for additional operating instructions.

**HoverJack® Air Patient Lift system is not UL classified**
Introduction

Using the HoverMatt® Air Transfer System

The HoverMatt® air transfer system is used to assist with lateral transfers and repositioning anywhere in the hospital. It is radiolucent and artifact free, so patients may remain on the HoverMatt® transfer mattress for all ancillary procedures, including Diagnostic Radiology, Nuclear Medicine, MRI, or Radiation Therapy. The patient weight limit for the HoverMatt® air transfer system is 1,200lbs / 544kg. It is available in four different widths to accommodate the body mass of the patient.

The Principle of the HoverMatt® Technology

After the patient is placed on the HoverMatt® transfer mattress, low pressure air from the small Air Supply will inflate the mattress. At the same time the air is supporting the patient, the air is escaping from the perforations in the underside of the HoverMatt® transfer mattress. The escaping air acts as a lubricant to reduce friction, which facilitates effortless transfers. With less force needed to transfer a patient, there is less physical effort and strain expended by caregivers, which results in a reduction of workers’ compensation injuries. The HoverMatt® air patient transfer system requires the caregiver to exert a force of approximately 15% of the patient’s body weight for the transfer.

The Purpose of HoverMatt® Technology

Consistent utilization of the HoverMatt® air transfer system dramatically reduces back injuries to staff that are caused by lateral transfers and repositioning. In addition, fewer staff members are required to perform these tasks and a more comfortable transfer is provided for the patient.
HOVERMATT® USER MANUAL

Part Identification - Mattress

Transfer Handles (6)
Single-Patient Use:
Transfer Handles (8)

Patient Safety Straps (2)
(DO NOT USE TO TRANSFER)

Label Includes Model #,
Serial #, and Instructions for Use.

Air Supply Hose Attaches to Either Side. Snap on HoverMatt® Flap
Connects to Snap on Hose End. Close Flap to Secure.
Air Supply Keypad Functions

The Adjustable Keypad function has four different settings. Pressing the button once will result in the lowest inflation setting available. A second press of the button increases the air pressure and rate of inflation. Pressing the button a third time will again increase the rate of inflation. A fourth press of the button results in the highest inflation rate and air pressure available for HoverTech Accessories. The STANDBY button may be pressed at any time to cease all air flow.

NOTE: The LED will indicate the inflation speed by the number of flashes (i.e. two flashes equals the second inflation speed).

All of the settings in the Adjustable range are substantially lower than the HoverMatt® and HoverJack® settings. The Adjustable function is not to be used for transferring; it is only for use with HoverTech Accessories, which require a lower pressure for slow inflation.

Standby: Used to stop inflation/air flow.

HoverMatt® 28 /34: For use with 28” & 34” HoverMatt® Air Transfer Mattresses.

HoverMatt® 39 /50 & HoverJack®: For use with 39” & 50” HoverMatt® Air Transfer Mattresses and 32” & 39” HoverJack® Air Patient Lifts.
Instructions for Use

1. Patient should be in a horizontal position for transfer/repositioning on the appropriate width mattress. [28”w (71 cm) – 34”(86 cm) – 39”w (99 cm) – 50”w (127 cm)]

   **Regardless of ease of patient movement, for safety, always use a minimum of two caregivers for the transfer.**

2. Place the HoverMatt® transfer mattress underneath patient using log-rolling technique and attach patient safety straps. Whatever the patient is lying on to keep the bed mattress clean can be placed on top of the HoverMatt® transfer mattress to help keep it clean.

3. Plug the Air Supply power cord into an electrical outlet.

4. Insert the Air Supply hose nozzle into mattress in one of the two entries located parallel to the foot end, and snap in place.

5. Be sure transfer surfaces are as close as possible and brake the wheels.

6. If possible, transfer from a higher surface to a lower surface.

7. Turn on Air Supply by choosing the appropriate speed based on the mattress width.

   ![HOVERMATT®](image)
   Use for sizes: 28 & 34

   ![HOVERMATT®](image)
   Use for sizes: 39 & 50

8. Grasp transfer handles and pull patient on an angle, either head first or feet first, until patient is in desired position.

9. Ensure that the patient is centered on the receiving equipment prior to deflation, especially if the width of the equipment receiving the patient is less than the width of the transfer mattress.

10. Press Standby to deflate mattress and employ the bed/stretcher rails.

   **NEVER LEAVE PATIENT UNATTENDED ON AN INFLATED HOVERMATT® AIR TRANSFER SYSTEM.**
Product Specifications/Required Accessories

• Classification:
  Not for use in the presence of flammable anesthetics or in a hyperbaric chamber or oxygen tent.

  Type of Protection against electric shock: CLASS I EQUIPMENT
  Degree of protection against electric shock: TYPE BF APPLIED PART
  Protection against ingress of water: Ordinary (not protected).
  Mode of operation: CONTINUOUS OPERATION
  To remove supply mains, unplug equipment from wall.

• Patient Weight Limit: 1,200lbs / 544kg
• Use Temperature: 50° to 104° F (10° to 40° C)
• Use Humidity: 10% to 70% Non-Condensing
• Storage/Shipping Temperature: -40° to 176° F (-40° to 80° C)
• Storage/Shipping Humidity: 10% to 70% Non-Condensing
• Power Input: 120 V~, 60 Hz, 10 A (North American version)
  230 V~, 50 Hz, 6 A (European Version)
• Air Supply Dimensions: 12.5 x 7 x 7 inches (31.75 x 17.8 x 17.8 cm)
• Air Supply Weight: 11 lbs. (5 kg)
• Air Supply Material: Fire Retardant ABS/Stainless Steel
• Power Cord Length: 15 feet (457 cm)
Product Specifications/Required Accessories

<table>
<thead>
<tr>
<th></th>
<th>RE-USABLE HOVERMATT® AIR TRANSFER SYSTEM</th>
<th>SINGLE-PATIENT USE HOVERMATT® AIR TRANSFER SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material:</td>
<td>Nylon Twill</td>
<td>Nylon Twill &amp; Non-Woven</td>
</tr>
<tr>
<td>Construction:</td>
<td>RF-Welded</td>
<td>Sewn</td>
</tr>
<tr>
<td>Width:</td>
<td>28” (71 cm), 34” (86 cm), 39” (99 cm) or 50” (127 cm)</td>
<td>34” (86 cm), 39” (99 cm) or 50” (127 cm)</td>
</tr>
<tr>
<td>Length:</td>
<td>78” (198 cm)</td>
<td>78” (198 cm)</td>
</tr>
</tbody>
</table>

Required Accessory:
HoverTech International Air Supply
Part# HTAIR1200 (North American Version)
Part# HTAIR2300 (European Version)

All HoverTech International Products are Latex-Free.
Electromagnetic Compatibility Chart

For HTAIR-2300 ONLY

### Guidance and Manufacturer’s Declaration – Electromagnetic Emissions

The HoverTech International Air Supply is intended for use in the electromagnetic environment specified below. The customer or the user of the HoverTech International Air Supply should ensure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Emissions Test</th>
<th>Compliance</th>
<th>Electromagnetic Environment Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF emissions CISPR11</td>
<td>Group 1</td>
<td>The HoverTech International Air Supply uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.</td>
</tr>
<tr>
<td>RF emissions CISPR11</td>
<td>Class A</td>
<td>The HoverTech International Air Supply is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</td>
</tr>
<tr>
<td>Harmonic emissions IEC 61000-3-2</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td>Voltage fluctuations/</td>
<td>Complies</td>
<td></td>
</tr>
<tr>
<td>flicker emissions IEC-61000-3-3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Electromagnetic Compatibility Chart

For HTAIR-2300 ONLY

## Guidance and Manufacturer’s Declaration – Electromagnetic Immunity

The HoverTech International Air Supply is intended for use in the electromagnetic environment specified below. The customer or the user of the HoverTech International Air Supply should ensure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity Test</th>
<th>IEC 60601 Test Level</th>
<th>Compliance Level</th>
<th>Electromagnetic Environment-Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic Discharge (ESD)</td>
<td>± 6 kV contact</td>
<td>± 6 kV contact</td>
<td>Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.</td>
</tr>
<tr>
<td>IEC 61000-4-2</td>
<td>± 8 kV air</td>
<td>± 8 kV air</td>
<td></td>
</tr>
<tr>
<td>Electrical fast Transient/burst</td>
<td>± 2 kV for power supply lines</td>
<td>± 2 kV for supply mains</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>IEC 61000-4-4</td>
<td>± 1 kV for input-output lines</td>
<td>± 1 kV for input/output lines</td>
<td></td>
</tr>
<tr>
<td>Surge</td>
<td>± 1 kV line(s) to line(s)</td>
<td>± 1 kV line(s) to line(s)</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>IEC 61000-4-5</td>
<td>± 2 kV line(s) to earth</td>
<td>± 2 kV line(s) to earth</td>
<td></td>
</tr>
<tr>
<td>Voltage dips, short interruptions and voltage</td>
<td>&lt; 5% $U_T$</td>
<td>&lt; 5% $U_T$</td>
<td>Mains power quality should be that of a typical commercial or hospital environment. If the user of the HoverTech International Air Supply requires continued operation during mains interruptions, it is recommended that the HoverTech International Air Supply be powered from an uninterruptible power supply or a battery.</td>
</tr>
<tr>
<td>variations on power supply input lines</td>
<td>(&gt; 95% dip in $U_T$) For 0.5 cycle</td>
<td>(&gt; 95% dip in $U_T$) For 0.5 cycle</td>
<td></td>
</tr>
<tr>
<td>IEC 61000-4-11</td>
<td>40% $U_T$</td>
<td>40% $U_T$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(60% dip in $U_T$) For 5 cycles</td>
<td>(60% dip in $U_T$) For 5 cycles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>70% $U_T$</td>
<td>70% $U_T$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(30% dip in $U_T$) For 25 cycles</td>
<td>(30% dip in $U_T$) For 25 cycles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt; 5% $U_T$</td>
<td>&lt; 5% $U_T$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(&gt; 95% dip in $U_T$) for 5 seconds</td>
<td>(&gt; 95% dip in $U_T$) for 5 seconds</td>
<td></td>
</tr>
<tr>
<td>Power Frequency (50/60 Hz) magnetic field</td>
<td>3 A/m</td>
<td>3 A/m</td>
<td>Power frequency magnetic fields should be at levels characteristic of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>IEC 61000-4-8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** $U_T$ is the AC mains voltage prior to application of the test level
Electromagnetic Compatibility Chart

For HTAIR-2300 ONLY

<table>
<thead>
<tr>
<th>Immunity test</th>
<th>IEC 60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment - guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conducted RF IEC 61000-4-6</td>
<td>3 Vrms 150 kHz to 80 MHz</td>
<td>3 V</td>
<td>Portable and mobile RF communications equipment should be used no closer to any part of the HoverTech International Air Supply, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter</td>
</tr>
</tbody>
</table>
| Radiated RF IEC 61000-4-3 | 3 V/m 80 MHz to 2.5 GHz  | 3 V/m            | Recommended separation distance \(d= 1.2 \sqrt{P}\) for 80 MHz to 800 MHz \(d=2.3 \sqrt{P}\) for 800 MHz to 2.5 GHz ( Where \(P\) is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and \(d\) is the recommended separation distance in meters (m)). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:

\[\text{(} (\text{)} \text{)} \]

**NOTE 1**: At 80 MHz and 800 MHz, the higher frequency range applies.

**NOTE 2**: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, and electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

b Over the frequency range 150 kHz to 80 MHz, the field strengths should be less than 3 V/m.
Electromagnetic Compatibility Chart

For HTAIR-2300 ONLY

<table>
<thead>
<tr>
<th>Rated maximum output power of transmitter W</th>
<th>Separation distance according to frequency of transmitter m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 kHz to 80 MHz d=[3.5/V_1]\sqrt{P}</td>
</tr>
<tr>
<td>0.01</td>
<td>0.12</td>
</tr>
<tr>
<td>0.10</td>
<td>0.38</td>
</tr>
<tr>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>10</td>
<td>3.8</td>
</tr>
<tr>
<td>100</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>80 MHz to 800 MHz d=[3.5/V_1]\sqrt{P}</td>
</tr>
<tr>
<td>0.01</td>
<td>0.12</td>
</tr>
<tr>
<td>0.10</td>
<td>0.38</td>
</tr>
<tr>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>10</td>
<td>3.8</td>
</tr>
<tr>
<td>100</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>800 MHz to 2.5 GHz d=[7/E_1]\sqrt{P}</td>
</tr>
<tr>
<td>0.01</td>
<td>0.23</td>
</tr>
<tr>
<td>0.10</td>
<td>0.73</td>
</tr>
<tr>
<td>1</td>
<td>2.3</td>
</tr>
<tr>
<td>10</td>
<td>7.3</td>
</tr>
<tr>
<td>100</td>
<td>23</td>
</tr>
</tbody>
</table>

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

**NOTE 1:** At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

**NOTE 2:** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.
Cleaning

Reusable HoverMatt® Transfer Mattress
The reusable HoverMatt® transfer mattresses are constructed of nylon twill.

In between patient use, the HoverMatt should be wiped down with a 100:1 bleach solution (100 parts water: one part bleach) or cleaning solutions your hospital uses for medical equipment disinfections.

If the HoverMatt becomes badly soiled, it can be laundered in a washing machine with a 160° degrees Fahrenheit (65° C) maximum water temperature. A 100:1 bleach solution may be used (100 parts water: one part bleach) during the wash cycle.

The mattress should be air dried if possible. Air drying can be expedited by using the Air Supply unit to circulate air through the inside of the mattress. If using a dryer, the temperature setting should be set on the coolest setting. Drying temperature should never exceed 115° degrees Fahrenheit (46° C). The backing of the nylon is polyurethane, and will begin to deteriorate after repeated high temperature drying. The Double-Coated HoverMatt® transfer mattress should not be put in the dryer.

To help keep the HoverMatt® transfer mattress clean, HoverTech International recommends the use of their disposable or reusable protector sheets. A bed sheet may also be used.

Single-Patient Use HoverMatt® Transfer Mattress
The Single-Patient Use HoverMatt® transfer mattress is not intended to be reprocessed. If the Single-Patient Use HoverMatt® transfer mattress is laundered, the perimeter seam thread will dissolve.

Air Supply Cleaning and Maintenance
In between patient uses, the Air Supply can be cleaned by wiping down using a damp cloth with soap and water or mild neutral detergent. Dry using a clean, dry cloth or disposable paper towel.

*Do not spray cleaners or liquids directly on the Air Supply.

NOTE: CHECK YOUR LOCAL/STATE/FEDERAL/INTERNATIONAL GUIDELINES BEFORE DISPOSAL.
Preventive Maintenance

Prior to use, a visual inspection should be performed on the HoverMatt® air transfer system to insure the Air Supply power cord is not frayed or nicked, and that there is no visual damage that would render the Air Supply unusable. The HoverMatt® transfer mattress should have all of its safety straps and handles (reference Page 4 of the manual for all appropriate parts). There should be no tears or holes that would prevent the HoverMatt® transfer mattress from inflating. If any damage is found that would cause the system not to function as intended, the HoverMatt® air transfer system should be removed from use and returned to HoverTech International for repair (see Page 32 Repairs & Returns).

The Air Supply has air filters on either side of the motor. These filters can be accessed by removing the small screws holding the filter cover in place. Filters should be cleaned by holding under warm running water. Allow to air dry. As preventive maintenance, filter cleaning should be performed monthly.

Infection Control

HoverTech International offers superior infection control with our heat-sealed reusable HoverMatt® transfer mattress. This unique construction eliminates the needle holes of a sewn mattress which can be potential bacterial entry ways. Additionally, the heat-sealed, double-coated HoverMatt® transfer mattress offers a stain and fluid proof surface for easy cleaning. A Single-Patient Use HoverMatt® transfer mattress is also available.

Whatever the patient is lying on to keep the hospital bed clean may be placed on top of the HoverMatt® transfer mattress to help keep it clean. If desired, the protector sheet or disposable sheet may be used to cover the transfer mattress (available for separate purchase). This sheet may also be placed under the transfer mattress, when log rolling the patient, to prevent the bottom of the transfer mattress from coming in contact with the hospital bed sheets.

If the HoverMatt® transfer mattress is used on an isolation patient, the hospital should employ the same protocols/procedures it utilizes for the bed mattress and/or for the linen in that patient room.
Frequently Asked Questions

1. **What is the weight limit of the HoverMatt® air transfer system?**

   The patient weight limit for the HoverMatt® air transfer system is 1,200lbs / 544kg. It is available in four different widths to accommodate the body mass of the patient.

2. **Is the HoverMatt® air transfer system latex free?**

   Yes.

3. **Is the HoverMatt® air transfer system FDA Approved?**

   HoverTech International is registered with the FDA. The HoverMatt® air transfer system is listed as a Class II device and is exempt from pre-market notification and approval.
NO USER SERVICEABLE PARTS.
Only qualified service personnel shall perform repairs on the HoverTech International Air Supply.
Part Identification

Control Panel Label

Metal Cover

Foot

Grounding Pin
Used for a Ground Continuity (Bond) Test.

Information Labels

Power Cord Clamp

Circuit Breakers

Bumpers

Dust Cover

Hose Attachment Snap

Air Filter Cover

Handle / Attachment Hook

Air Filter

Hose

Power Cord Strap

Power Cord (US/UK/Euro)
Power Cord / Clamp Replacement
Handle Replacement

1. Remove the damaged handle by unscrewing the socket head screw from the barrel nut using two 5/32” allen wrenches as shown.

2. Attach the new handle by reversing the process. When tightening the screw be sure that the handle can rotate easily. The screw is treated with thread lock to secure it in place.
Feet or Bumper Replacement

1. The feet and bumpers are held in place by a self-adhesive backing. Use a small, flat bladed screwdriver to pry up an edge and gently remove the foot or bumper.

2. Clean surface thoroughly to remove any excess adhesive that may have been left behind. Apply the new part by removing the backing material and position as shown. Press firmly to ensure adhesion.
Hose Removal

1. Remove the damaged hose by lifting the dust cover slightly and unsnapping the hose from the side of the unit as shown.

2. Push the release button at the top of the unit to remove the hose.

3. Attach the new hose by reversing the process.
Air Filter and Air Filter Cover Replacement

To Remove Air Filter Covers
1. Disconnect hose from unit. (See page 23)
2. Remove the two phillips head screws on each side to detach the air filter covers.
3. Re-attach the new air filter covers and screws.

To Remove Air Filters
1. Follow the steps shown above to remove air filter covers.
2. Remove air filters and replace.
3. Re-attach the air filter covers and screws.

* For air filter cleaning instructions please refer to Page 16.
Dust Cover/Hose Attachment Snap Replacement

To Remove Dust Cover
1. Disconnect hose from unit. (See page 23)

2. Lift the cover “flap” to remove the 3 phillips head screws that attach the dust cover.

3. To replace dust cover, fold in the three flexible tabs. Then insert the screws one at a time starting with the top middle followed by the sides.

To Remove Hose Attachment Snap
1. Disconnect hose from unit. (See page 23)

2. Remove the phillips head screw and snap.
Metal Cover Replacement

1. Disconnect hose from unit. (See page 23)

2. Remove the two phillips head screws on each side to detach the air filter covers. Remove the air filters.

3. Gently pull the damaged cover apart to allow clearance to remove it.

4. Carefully re-insert the new metal cover. Reassemble the two filters and filter covers.

5. Secure everything in place by reinserting four screws.
Cord Strap Replacement

1. Unsnap the strap and remove power cord.
2. Detach the damaged cord strap by removing the screw as shown.
3. Reattach strap by positioning in place and securing it with the screw provided.
## Troubleshooting

<table>
<thead>
<tr>
<th>No Indicators (Lights)</th>
<th>No Air Flow</th>
<th>No Button Function</th>
<th>Mattress Pressure Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Verify AC from wall</td>
<td>Check power cord connections at air supply and wall</td>
<td>Check circuit breakers on rear of air supply unit</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Return unit for repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Return unit for repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Return unit for repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Check hose connections at air supply and mattress</td>
<td>Check hose for rips/tears</td>
<td>Check mattress for rips/tears</td>
<td>Verify that air filters are clean</td>
</tr>
</tbody>
</table>
# Component Parts List

<table>
<thead>
<tr>
<th>HoverTech Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTA-AF</td>
<td>Air Filters (sold in pairs)</td>
</tr>
<tr>
<td>HTA-AFC</td>
<td>Air Filter Cover with screws (sold in pairs)</td>
</tr>
<tr>
<td>HTA-B/F</td>
<td>Bumpers and Feet (sold as a kit)</td>
</tr>
<tr>
<td>HTA-CPL</td>
<td>Control Panel Label</td>
</tr>
<tr>
<td>HTA-DC</td>
<td>Dust Cover w/ screws (kit)</td>
</tr>
<tr>
<td>HTA-H/AH</td>
<td>Handle/Attachment Hook</td>
</tr>
<tr>
<td>HTA-HAS</td>
<td>Hose Attachment Snap</td>
</tr>
<tr>
<td>HTA-Hose</td>
<td>Hose Assembly</td>
</tr>
<tr>
<td>HTA-IL</td>
<td>Information Labels</td>
</tr>
<tr>
<td>HTA-MC</td>
<td>Metal Cover w/ screws</td>
</tr>
<tr>
<td>HTA-PCord</td>
<td>Power Cord</td>
</tr>
<tr>
<td>HTA-PCS</td>
<td>Power Cord Strap with screw</td>
</tr>
<tr>
<td>HTA-PCC</td>
<td>Power Cord Clamp</td>
</tr>
</tbody>
</table>
Warranty Statement

The HoverMatt® air transfer system and the HoverTech International Air Supplies are 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. Lead time for repairs is approximately 2 weeks. Please refer to the Return and Repairs section of this Manual for return instructions.

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. Warranty specifically does not cover product damage that may result from using an air supply that produces more than 3.5 psi to inflate the HoverMatt® air transfer system. 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.
Warranty Statement

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 neither assumes nor authorizes 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. There is no warranty that the goods will be fit 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

Please contact your HoverTech dealer for more information.

All products should be sent to:
Your nearest distributor, or call
1300 791 404 for more information.
Statina Healthcare International Pty Ltd
6/30 Leighton Place
Hornsby 2077 NSW
Phone: 1300 365 404
www.statinainternational.com

HoverTech International
513 South Clewell St.
Bethlehem, PA 18015
Phone: 800-471-2776
www.hovermatt.com