HOVERTECH
an Etac Company



HOVERMATT® SPU

Air Transfer System

Instructions for Use SPU-TVA

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Symbol Reference


CAUTION / WARNING


DISPOSAL


OPERATING INSTRUCTIONS


MANUAL CLEANING


LOCK ALL WHEELS


ENSURE PATIENT IS FLAT


CENTER PATIENT


ATTACH LINK STRAP


FASTEN PATIENT STRAP (VELCRO®)


FOOT END


KEEP DRY / PROTECTED FROM MOISTURE



LATEX FREE



LOT NUMBER


MANUFACTURER


DATE OF MANUFACTURE



MEDICAL DEVICE



MR CONDITIONAL



MR UNSAFE



MODEL NUMBER



SERIAL NUMBER


SINGLE PATIENT - MULTIPLE USE


DO NOT LAUNDER



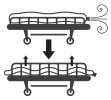
UNIQUE DEVICE IDENTIFIER


PATIENT WEIGHT LIMIT


USE TWO CAREGIVERS


USE THREE CAREGIVERS


STAY CLOSE APPROACH


DEFLATE, RAISE RAILS

Intended Use and Precautions

INTENDED USE

The HoverMatt® Air Transfer System is used to assist caregivers with patient transfers, positioning, turning and proning. The HoverTech Air Supply inflates the HoverMatt to cushion and cradle the patient, while air simultaneously escapes from the holes on the underside, reducing the force needed to move the patient by 80-90%.

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 that are deemed unstable should not use the HoverMatt unless a clinical decision has been made by your facility.

INTENDED CARE SETTINGS

- Hospitals, long term or extended care facilities.

PRECAUTIONS – HOVERMATT

- Caregivers must verify that all brakes have been engaged prior to transfer.
- Use a minimum of two caregivers during air-assisted lateral patient transfers.
- For in-bed air-assisted positioning tasks, more than one caregiver may be required.
- 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.
- When transferring to a low air loss bed, set the bed mattress air flow to the highest level for a firm transfer surface.
- Never attempt to move a patient on an uninflated HoverMatt.
- For air-assisted proning, see training video at www.HoverTechInternational.com

In the OR – To prevent patient from slipping, always deflate the HoverMatt and secure the patient and HoverMatt to the OR table prior to moving the table into an angled position.

Side rails must be raised with one caregiver.

PRECAUTIONS – 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.
- When using the HoverMatt in the MRI environment, a 25 ft. specialty MRI hose is required (available for purchase).

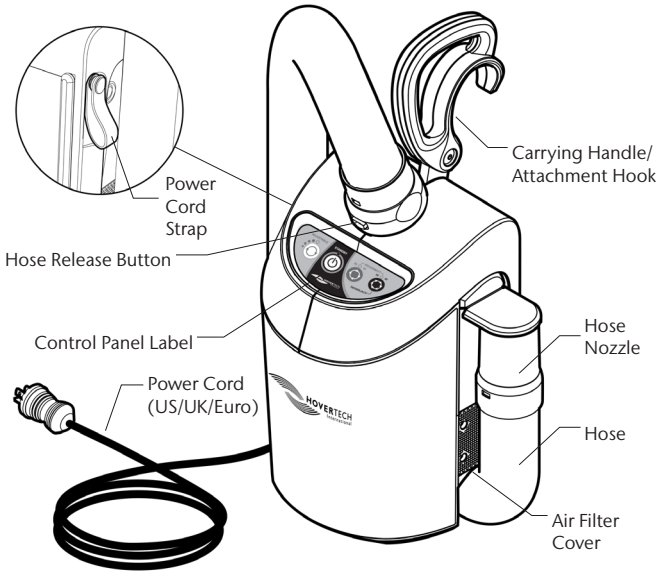
Avoid electric shock. Do not open air supply.

Reference product specific user manuals for operating instructions.

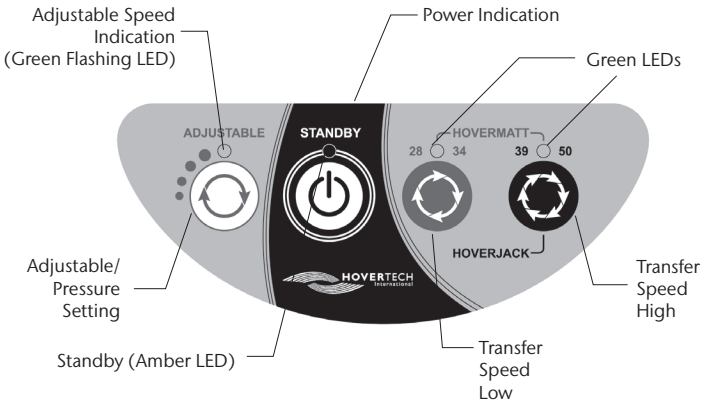
PRECAUTIONS – MRI

- The HoverMatt is MR conditional by rationale. The device is made from all non-ferrous materials. As a result, MR safety testing was not performed. Based on rationale, the HoverMatt is electronically non-conductive and non-magnetic.
- When using a HoverMatt in an MRI environment a 25 ft. specialty MRI hose is required, thus making these products MRI conditional. The HoverTech air supply and regular hose are conductive and magnetic and are MR Unsafe.

Part Identification – HT-Air® Air Supply



HT-Air® Keypad Functions



ADJUSTABLE: For use with HoverTech air-assisted positioning devices. There are 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).

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.

The ADJUSTABLE setting is a safety feature that can be used to ensure the patient is centered on HoverTech air-assisted devices and to gradually accustom a patient who is timid or in pain to both the noise and functionality of the inflated devices.

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

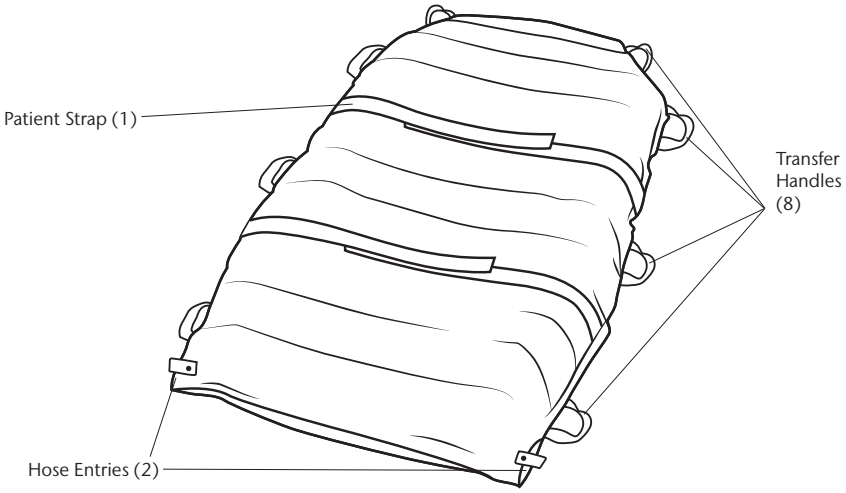
HOVERMATT 28/34: For use with 28" & 34" HoverMatts and HoverSlings.

HOVERMATT 39/50 & HOVERJACK: For use with 39" & 50" HoverMatts and HoverSlings and 32" & 39" HoverJacks.

Air200G/Air400G Air Supplies

If using HoverTech's Air200G or Air400G Air Supplies, press the grey button on the top of the canister to initiate air flow. Press the button again to stop air flow.

Part Identification – HoverMatt® SPU-TVA Air Transfer Mattress



Instructions for Use – HoverMatt SPU-TVA Air Transfer System

1. Patient should preferably be in a supine position.
2. Place HoverMatt underneath patient using a log-rolling technique and secure patient strap loosely.
3. Plug the HoverTech Air Supply power cord into an electrical outlet.
4. Insert the hose nozzle into either of two hose entries at foot end of HoverMatt and snap into place.
5. Ensure that transfer surfaces are as close as possible and lock all wheels.
6. If possible, transfer from a higher surface to a lower surface.
7. Turn on HoverTech Air Supply.
8. Push HoverMatt at an angle, either headfirst or feetfirst. Once half-way across, opposite caregiver should grasp closest handles and pull to desired location.
9. Ensure patient is centered on receiving equipment prior to deflation.
10. Turn off air supply and employ the bed/stretcher rails. Detach patient strap.

NOTE: When using the 50” HoverMatt, two air supplies may be used for inflation.

Instructions for Use – HoverMatt Half-Matt

1. Patient should preferably be in a supine position.
2. Place HoverMatt underneath patient using a log-rolling technique and secure patient strap loosely.
3. Plug the HoverTech Air Supply power cord into an electrical outlet.
4. Insert hose nozzle into either of two hose entries at foot-end of Hover-Matt and snap into place.
5. Ensure that transfer surfaces are as close as possible and lock all wheels.
6. If possible, transfer from a higher surface to a lower surface.
7. Turn on HoverTech Air Supply.
8. Ensure caregiver at foot-end guides patient’s feet during the transfer. Push HoverMatt at an angle, either headfirst or feetfirst. Once half-way across, opposite caregiver should grasp closest handles and pull to desired location.
9. Ensure patient is centered on receiving equipment prior to deflation.
10. Turn off HoverTech Air Supply and employ the bed/stretcher rails. Detach patient strap.



Always use a minimum of three caregivers when using the HoverMatt Half-Matt.

Product Specifications/Required Accessories

HOVERMATT® SINGLE-PATIENT USE AIR TRANSFER MATTRESS

Material:	Top: Non-woven polypropylene fiber Bottom: Nylon twill
Construction:	Sewn
Width:	34" (86 cm), 39" (99 cm), 50" (127 cm)
Length:	78" (198 cm) Half-Matt: 45" (114 cm)

HoverMatt Single-Patient Use
Model #: HM34SPU-TVA-B – 34" W x 78" L (10 per box)
Model #: HM39SPU-TVA-B – 39" W x 78" L (10 per box)
Model #: HM50SPU-TVA-B – 50" W x 78" L (5 per box)
Model #: HM50SPU-TVA-B – 1Matt – 50" W x 78" L (1 Unit)





WEIGHT LIMIT 1200 LBS/ 544KG

HoverMatt SPU Half-Matt
Model #: HM34SPU-HLF-TVA-B – 34" W x 45" L (10 per box)
Model #: HM39SPU-HLF-TVA-B – 39" W x 45" L (10 per box)





WEIGHT LIMIT 600 LBS/ 272 KG

REQUIRED ACCESSORY:

Model #: HTAIR1200 (North American Version) – 120V~, 60Hz, 10A
Model #: AIR200G (800 W) – 120V~, 60Hz, 10A
Model #: AIR400G (1100 W) – 120V~, 60Hz, 10A

Using the HoverMatt® Air Transfer System in the Operating Room

The HoverMatt may be used to transfer, position, and reposition patients to and from the operating room. A patient may ambulate onto a pre-positioned HoverMatt on an operating room (OR) table, or a HoverMatt can be deployed in a typical fashion for patients unable to ambulate and / or who are dependent. The latter would typically occur in a pre-operative holding area where a transfer would happen from a stretcher/bed to an OR table; this may also occur with an inpatient already on top of a HoverMatt.

Precautions for US in the Operating Room (OR):

1. Follow steps outlined in this manual (page 5) for lateral patent transfers.

2. Ensure OR Table is locked before initiating a lateral transfer.

3. Ensure the edges of HoverMatt are tucked under the OR Table mattress after transfer.

The HoverMatt® T-Burg™ is intended for all surgical procedures where a patient may be placed in Trendelenburg (or Reverse Trendelenburg) up to 40 degrees, including with use of robotics. Patient transfer / repositioning / boosting can be facilitated before and / or after the procedure where the patient's weight might place staff at risk for injury. The HoverMatt T-Burg is designed to securely hold a patient in varying degrees of Trendelenburg, up to 40 degrees. The HoverMatt T-Burg has a 400lb weight limit.

For more information, see User Manual for the HoverMatt T-Burg.

In the OR – To prevent patient from slipping, always deflate the HoverMatt and secure the patient and HoverMatt to the OR table prior to moving the table into an angled position.

Cleaning and Preventive Maintenance

To help keep the HoverMatt clean, HoverTech recommends the use of the HoverCover™ Disposable Absorbent Cover or their Disposable Sheets. Whatever the patient is lying on to keep the hospital bed clean may also be placed on top of the HoverMatt.

The Single-Patient Use HoverMatt is not intended to be laundered.

AIR SUPPLY CLEANING AND MAINTENANCE

See air supply manual for reference.

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

PREVENTIVE MAINTENANCE

Prior to use, a visual inspection should be performed on the HoverMatt to ensure that there is no visible damage that would render the HoverMatt unusable. The HoverMatt should have all of its patient straps and handles (reference the manual for all appropriate parts). There should be no tears or holes that would prevent the HoverMatt from inflating. If any damage is found that would cause the system not to function as intended, the HoverMatt should be removed from use and discarded.

When a product reaches the end of its lifetime, it should be separated by material type so that the parts can be recycled or disposed of properly in accordance with local requirements.

Transportation and Storage

Keep dry / protected from moisture.

Returns and Repairs

All products being returned to HoverTech 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.

HoverTech'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
Attn: RGA # _____
4482 Innovation Way
Allentown, PA 18109

For product warranties, visit our website:
https://hovertechinternational.com/standard-product-warranty/



HoverTech

4482 Innovation Way
Allentown, PA 18109

www.HoverTechInternational.com
Info@HoverTechInternational.com



4482 Innovation Way
Allentown, PA 18109

800.471.2776
Fax 610.694.9601

HoverTechInternational.com
Info@HoverTechInternational.com