HOVERTECH International

HOVERJACK®
Evacuation

User Manual

Visit www.HoverMatt.com for other languages

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Symbol Reference

CE DECLARATION OF CONFORMITY TO MEDICAL DEVICE DIRECTIVE

Intended Use and Precautions

INTENDED USE

The Evacuation HoverJack® Device is used to transport patients up or down stairs in the event of an emergency. The Evacuation HoverJack can also be used to lift a patient in supine position from the floor to bed or stretcher height, utilizing the HoverTech Air Supply to inflate each of the four chambers.

INDICATIONS

- Patients unable to assist in their own vertical lift or evacuation, such as after a fall or in an emergency situation
- Patients whose weight or girth poses a potential health risk for the caregivers responsible for lifting or moving said patients

CONTRAINDICATIONS

- Patients who are experiencing thoracic, cervical or lumbar fractures that are deemed unstable should not use the Evacuation HoverJack unless a clinical decision has been made by your facility.

INTENDED CARE SETTINGS

- Hospitals, long term or extended care facilities

PRECAUTIONS

- Make sure patient safety straps are secured before moving. Do not secure before inflation.
- Move the Evacuation HoverJack using the transport straps and/or the transport handles located along the top perimeter.
- Never use patient safety straps to pull the Evacuation HoverJack, as they may tear.
- When moving a patient on the inflated Evacuation HoverJack, use caution and move slowly.
- Additional caregivers are recommended when moving or evacuating a patient over 300 lbs./136 kg.
- Never attempt to move a patient on an uninflated Evacuation HoverJack.
- Never leave a 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.
- Use of this device with products or accessories not authorized by HoverTech International could result in injury or equipment malfunction and may void the Manufacturer's Warranty. HoverTech International will not be held responsible for any injuries or damages caused due to the improper use of this device.

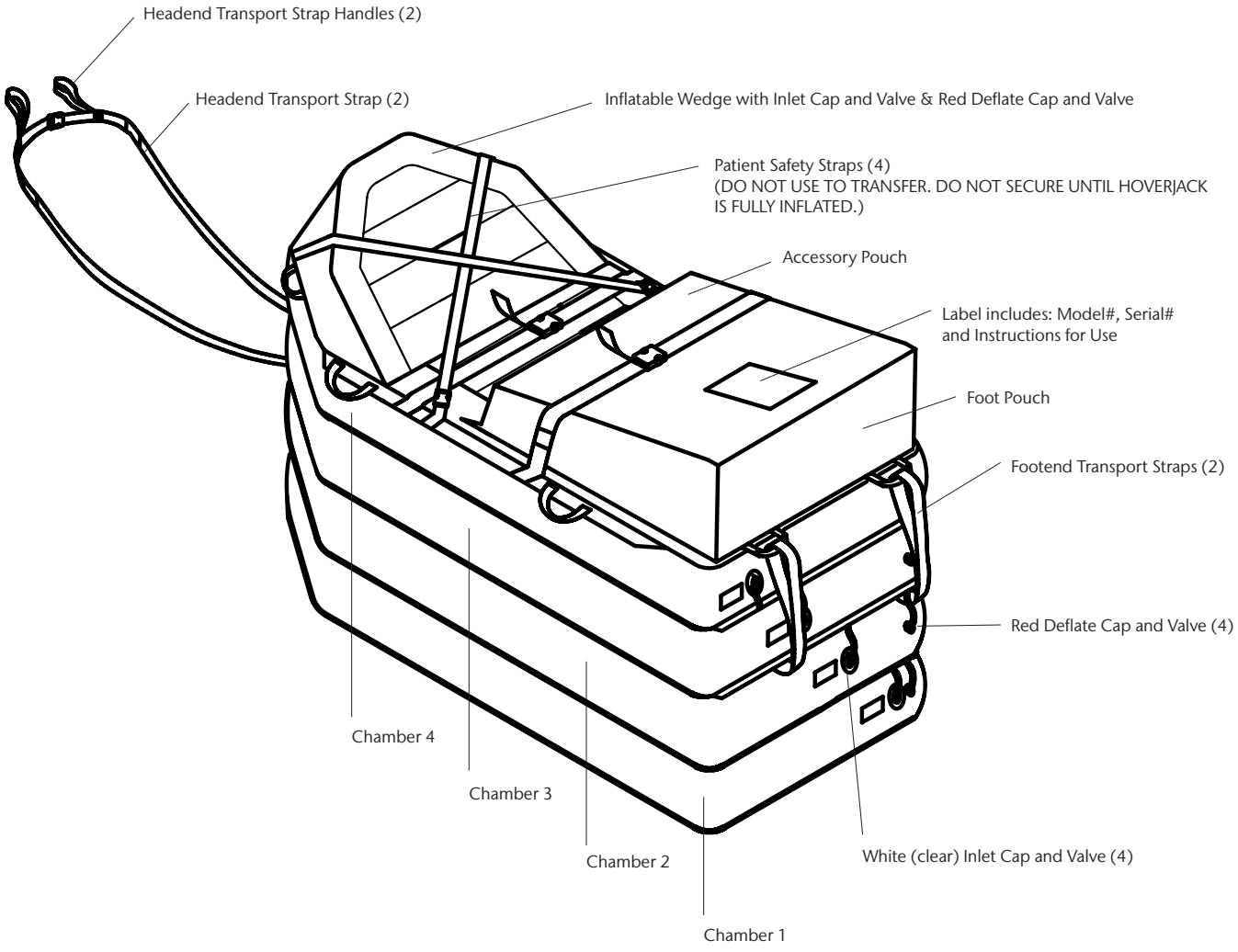
WARNING/CAUTION

- For safety, always use a minimum of three caregivers while using the Evacuation HoverJack.
- Reference product-specific user manuals for additional operating instructions.

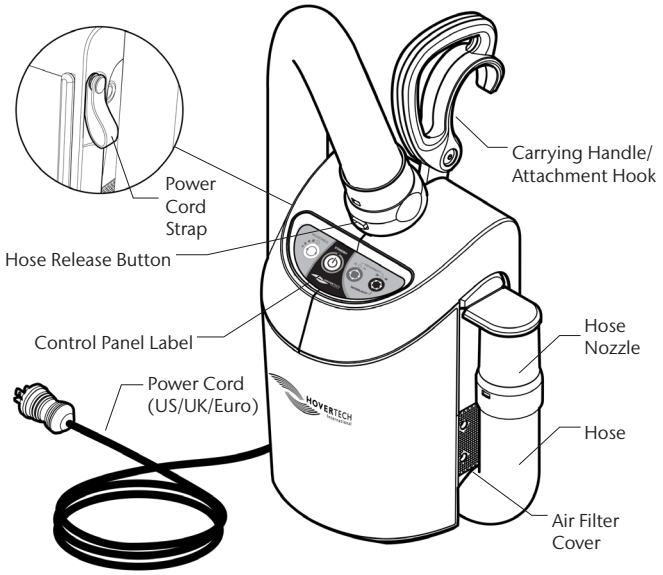
PRECAUTIONS – HOVERTECH INTERNATIONAL AIR SUPPLY

- 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 HoverTech International Air Supply.
- CAUTION: Avoid electric shock. Do not open HoverTech International Air Supply.

Part Identification – Evacuation HoverJack® Device

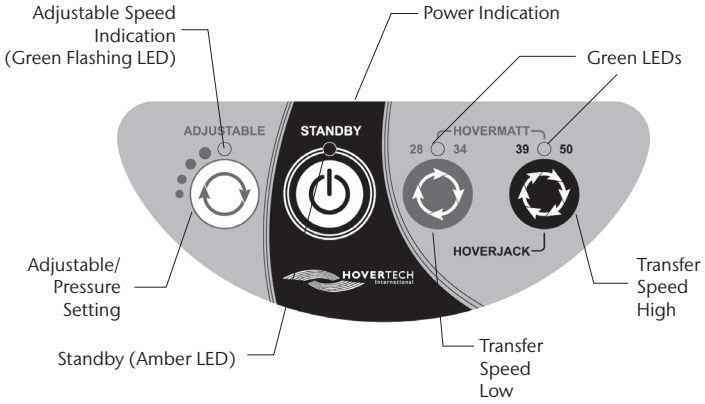


Part Identification – HT-Air® Air Supply



WARNING: The HT-Air is not compatible with DC power supplies.
The HT-Air is not for use with the HoverJack Battery Cart.

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 sound 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.

Evacuation HoverJack® Device Instructions for Use as an Air Patient Lift

1. Place the Evacuation HoverJack on floor next to the patient, making sure the chamber with Valve #4 is on the top and the chamber with Valve #1 is against the floor.
2. Make certain that all four red-capped deflation valves are capped tightly.
3. Log roll patient onto the deflated Evacuation HoverJack and position patient with feet at the valve end where indicated. DO NOT secure patient safety straps until fully inflated.
4. The patient can be placed on top of the Evacuation HoverJack using the HoverMatt® Air Transfer System (see HoverMatt manual for instructions). If the HoverMatt is used, make certain that the HoverMatt and patient are properly centered on the Evacuation HoverJack. Always deflate the HoverMatt prior to inflating the Evacuation HoverJack.
5. Plug HoverTech International Air Supply power cord into an electrical outlet.
6. Turn on HoverTech International Air Supply to initiate air flow.
7. To begin inflation, hold hose against inlet valve #1 of Evacuation HoverJack.
8. When fully inflated, remove hose. Valve will automatically close, keeping chamber inflated.
9. Secure patient safety straps.

CHAMBERS MUST BE FULLY INFLATED TO ENSURE STABILITY.

10. Using the same process, move to valve #2, valve #3 and valve #4 in exact succession, or until the Evacuation HoverJack reaches desired height.
11. Turn off HoverTech International Air Supply, and attach inlet valve caps, if desired.
12. If transferring from the Evacuation HoverJack onto an adjacent surface, unbuckle patient safety straps.
13. If it is necessary to lower patient, release air by opening the uppermost red deflate valve #4. When chamber #4 is fully deflated, move in succession downward to fully deflate Evacuation HoverJack. WARNING: DO NOT RELEASE MULTIPLE CHAMBERS AT ONCE.

Evacuation HoverJack® Device Instructions for Use as an Evacuation Device

1. To inflate, follow steps 1-4 of instructions for use as air patient lift.
2. Unzip footend pouch and position Evacuation HoverJack as close as possible to adjacent surface.
3. Transfer patient from bed or stretcher onto Evacuation HoverJack.
4. Ensure that the patient's body is centered, and zip foot pouch.
5. If necessary, inflate the headend wedge.
6. Using the buckles, secure patient safety straps over the patient and adjust until taut.
7. Using footend transport straps and handles located around the perimeter of the Evacuation HoverJack, pull patient to the nearest stairwell, and position the Evacuation HoverJack so that the patient can be taken down the stairs feet first.
8. Before descending the stairs, chambers 3 and 4 must be fully deflated. To release air, slowly open the uppermost red deflate Valve #4. When chamber #4 is fully deflated, repeat the process for chamber #3. DO NOT RELEASE MULTIPLE CHAMBERS AT ONCE.
9. Retighten patient safety straps after deflating chamber #3 and #4 to ensure patient is secure.
10. Caregiver at headend will control evacuation using headend transport straps. Caregiver at headend should be physically stronger. A MINIMUM OF THREE CAREGIVERS (TWO AT HEADEND AND ONE AT FOOTEND) SHOULD BE USED TO EVACUATE PATIENT DOWN STAIRS).
11. While 2 caregivers hold the headend transport straps and handles, the footend caregiver will begin to pull the patient down the stairs with the footend transport strap. The Teflon-infused bottom material will allow the Evacuation HoverJack to slide down each flight. If necessary, the foot-end caregiver can use his/her thigh to brace the Evacuation HoverJack and slow the descent. Once at ground level, move the patient to safety.

    ENSURE THAT PATIENT REMAINS CENTERED ON THE EVACUATION HOVERJACK, AND THAT HIS/HER HEAD DOES NOT SLUMP FORWARD AND RESTRICT BREATHING DURING EVACUATION.

Product Specifications/Required Accessories

Material:	Topside Material: Nylon oxford Underside Material: Teflon® infused polyester
Construction:	RF-Welded
Width:	32" (81cm)
Length:	72" (183 cm)
Height:	30" (76 cm) Inflated [each chamber 7 1/2" (19 cm)]

LATEX FREE

Model #: HJ32EV

WEIGHT LIMIT:
700 lbs (318 kg) for stairwell evacuation
1200 lbs (544 kg) for vertical lift

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
Model #: Air200G (800 W) (North American Version) – 120V~, 60 Hz, 10A
Model #: Air400G (1100 W) (North American Version) – 120V~, 60 Hz, 10A

Cleaning & Maintenance

EVACUATION HOVERJACK CLEANING INSTRUCTIONS

In between patient use, the Evacuation HoverJack 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. NOTE: Cleaning with bleach solution may discolor fabric.

First remove any visible soil, then clean the area according to the cleaning product manufacturer's recommended dwell time and level of saturation. A gentle scrub brush can also be used on the affected area, if necessary, to help penetrate the Evacuation HoverJack material.

Do not launder the Evacuation HoverJack.

PREVENTIVE MAINTENANCE INSTRUCTIONS

The Evacuation HoverJack should be periodically inspected to ensure the following:

- All deflation valves are equipped with a red cap.
- The red caps are intact.
- All patient safety straps are attached.
- All buckles and zippers (if applicable) are intact and operational.
- Transport handles and straps are all attached.
- Inlet valves are all self-sealing with no evident leakage.
- There are no punctures or tears.

AIR SUPPLY CLEANING AND MAINTENANCE

See air supply manual for reference.

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

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.

Returned products should be sent to:

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

For European companies, send returned products to:

Attn: RGA #_____
Kista Science Tower
SE-164 51 Kista, Sweden
www.Etac.com
OrderExport@Etac.com

HOVERTECH International

4482 Innovation Way
Allentown, PA 18109

800.471.2776
Fax 610.694.9601

www.HoverMatt.com
Info@HoverMatt.com

HoverTech Symbols

CE MARKING OF CONFORMITY

SINGLE PATIENT – MULTIPLE USE

CAUTION

ELECTRICAL AND ELECTRONIC EQUIPMENT

OPERATING INSTRUCTIONS

UDI UNIQUE DEVICE IDENTIFIER

MD MEDICAL DEVICE

KEEP DRY

HUMIDITY LIMITATION

TEMPERATURE LIMITATION

EC REP AUTHORIZED REPRESENTATIVE

MANUFACTURER

SN SERIAL NUMBER

LOT LOT NUMBER

HoverTech International
4482 Innovation Way
Allentown, PA 18109
www.HoverMatt.com
Info@hovermatt.com

These products comply with the standards applicable for Class 1 products in the Medical Device Regulation (EU) 2017/745 on medical devices.

EC REP

CEpartner4U , ESDOORNLAAN 13,
3951DB MAARN, THE NETHERLANDS.
www.cepartner4u.com

In case an adverse event in relation to the device, incidents should be reported to our authorized representative, CEPartner4u. CEPartner4u will forward information to the manufacturer.