



The ADAPTOR[®] PAD and DRY FLOATATION[®] Special Application Cushioning Devices

Operation Manual



Supplier: This manual must be given to the user of this product.

Operator (Individual or Caregiver): Before using this product, read instructions and save for future reference.

shape fitting technology[®]

Products:

THE ADAPTOR® PAD (THE ADAPTOR)

ROHO® HEAL PAD® Cushion (HEAL PAD)

ROHO® Lumbar Support Cushion (Lumbar Cushion)

ROHO® MINI-MAX® Cushion (MINI-MAX)

ROHO® PACK-IT® Cushion (PACK-IT)

ROHO® Shower/Commode Cushion (Shower/Commode Cushion)

ROHO® Toilet Seat Cushion (Toilet Seat Cushion)

ROHO® Recliner System (Recliner System)

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ROHO, Inc., 100 North Florida Avenue, Belleville, Illinois 62221-5429
U.S.A.: 800-851-3449 • Fax: 888-551-3449 • Customer Care: cc@roho.com
Outside the U.S.A.: 618-277-9150 • Fax: 618-277-6518 • intl@roho.com
www.roho.com

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Products in this manual may be covered by one or more U.S. and foreign patents. For further details, please refer to www.roho.com.

ROHO, Inc. has a policy of continual product improvement and reserves the right to amend this document. A current version of this document is available at www.roho.com.



Important Safety Information

ROHO medical products are intended to be part of an overall care regimen. ROHO, Inc. recommends that a clinician make product recommendations based upon an evaluation of the individual's medical and therapeutic needs and overall condition.

Warnings

- **Check inflation frequently, at least once a day!**
- **Check skin frequently, at least once a day. Skin/soft tissue breakdown can occur due to a number of factors, which vary by individual. Redness, bruising, or darker areas (when compared to normal skin) may indicate the beginning of soft tissue breakdown. Consult with a clinician immediately.**
- **The cushioning device and the cover MUST be compatible sizes and MUST be used as directed in this manual. IF THEY ARE NOT: 1) The benefits provided by the cushioning device may be reduced or eliminated, increasing the risk to skin or to other soft tissue, and 2) the individual may become unstable and vulnerable to falling.**
- **DO NOT use your cushioning device on top of, or in conjunction with, any other products or materials, except as indicated in this manual. Doing so may cause the individual to become unstable and vulnerable to falling.**
- **DO NOT use your cushioning device as a water flotation device (e.g., a Life Preserver). It will NOT support you in water.**
- **Use caution when skin will contact the seating surface. Tissue damage may result from increased friction.**
- **DO NOT use an under-inflated cushioning device or an over-inflated cushioning device because the product benefits will be reduced or eliminated, resulting in an increased risk to skin and other soft tissue. If the cushioning device does not appear to be holding air, or if you are not able to inflate or deflate the cushioning device, see TROUBLESHOOTING. Immediately contact your clinical caregiver, distributor, or ROHO, Inc. if the problem persists.**
- **If you are UNABLE TO PERFORM ANY TASKS described in this manual, seek assistance.**

Cautions

- Keep your cushioning device away from sharp objects.
- DO NOT expose your cushioning device to high heat, open flames or hot ashes.
- DO NOT allow your cushioning device to come into contact with oil-based lotions or lanolin. They may degrade the material.
- Changes in altitude may require adjustment to a DRY FLOATATION cushioning device.
- Prolonged exposure to ozone may degrade materials used in the cushioning device, affect the performance of the product, and void the product warranty.
- DO NOT use an inflation valve as a handle for carrying or pulling your DRY FLOATATION cushioning device. Carry your cushioning device by the cushion base or the carrying handle on the cover.



Important Safety Information, Continued

Cautions, Continued

- If a DRY FLOATATION cushioning device has been in temperatures lower than 32°F (0°C), and exhibits unusual stiffness, allow the cushioning device to warm to room temperature.
- DO NOT use a pump, cover, or repair kit other than those provided by ROHO, Inc. Doing so may void your product's warranty.

Product Specifications

Package Contents: All products featured in this manual include an operation manual, product registration card, and Repair Kit. All products except THE ADAPTOR PAD include a ROHO Hand Pump. The MINI-MAX Cushion, PACK-IT Cushion, and Recliner Cushion include a cover.

Sizing Table	Height or Height Range	Width or Width Range	Depth or Depth Range	Average Weight*
ADAPTOR	1 in. (2 cm)	9¾ in. (25 cm)	13½ in. (34 cm)	½ lb. (0.2 kg)
HEAL PAD	½ - 1½ in. (1.5 - 4 cm)	11 ½ in. (29.5 cm)	12½ in. (31.5 cm)	¾ lb. (0.3 kg)
MINI-MAX	1¼ in. (3 cm)	15 to 18¼ in. (38.5 - 46.5 cm)	14¾ to 16 in. (37.5 - 40.5 cm)	2¼ lb. (1.0 kg)
PACK-IT	1¼ in. (3 cm)	16¼ in. (41.5 cm)	9½ in. (24 cm)	1½ lb. (0.7 kg)
Shower/Commode Seat	2¼ in. (5.5 cm)	14¾ - 16 ½ in. (37.5 - 42 cm)	14¾ - 18¼ in. (37.5 - 46.5 cm)	2 lbs. (1 kg)
Toilet Seat	1 - 2¼ in. (2.5 to 5.5 cm)	7¾ in. (20.0 cm)	15¾ in. (40.0 cm)	1¼ lbs. (0.5 kg)
Lumbar Support	4¼ in. (10.5 cm)	15¼ in. (39.0 cm)	6½ in. (16.0 cm)	1 lb. (0.5 kg)
Recliner Cushion	Contact Customer Care for specifications.			

* based on mid-sized cushioning devices.

Cushioning devices: neoprene rubber (made without latex); nickel-plated brass inflation valves

Components on some cushioning devices: Yellow Rope, buckles, snaps, hook and loop fastener, foam tab (on HEAL PAD)

Covers: Standard: two-way stretch top, spacer fabric sides. Heavy Duty: two-way stretch, fluid-resistant top and sides. Standard and Heavy Duty Covers: zipper or snaps and a non-skid bottom. Refer to the cover care label for material content. The non-skid bottom of the cover (and the hook and loop fasteners on the covers for Recliner Cushion and MINI-MAX) help to keep the cushion in place. Elastic strap and metal ring included on the PACK-IT Cover.

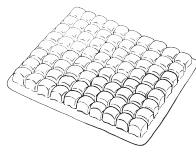


If provided, straps or hook and loop fasteners should be used to secure the cushioning device to the surface.

Inspect the cover for damage and replace if necessary.

THE ADAPTOR

Intended Use: THE ADAPTOR® PAD (THE ADAPTOR) is an air-filled, cellular-design, neoprene surface intended for cushioning and shock absorption needs and reduction of friction on surfaces such as a wheelchair side, headrest or footrest to provide skin/soft tissue protection. There is no weight limit. The ADAPTOR is not intended to be used as a supporting medium under the buttocks.

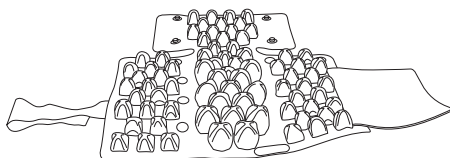


Instructions: Use scissors to trim THE ADAPTOR to fit where needed (sides of wheelchairs, trays, head rests, foot rests). Cut between the sealed air cells when possible. To attach the product to the surface, use hook and loop fastener strips.

 **Air cells that have been cut WILL NOT provide cushioning.**

HEAL PAD

Intended Use: The ROHO® HEAL PAD® Cushion (HEAL PAD) is an adjustable, air-filled, cellular-design, neoprene surface and is intended to conform to an individual's heel to provide skin/soft tissue protection and provide an environment to facilitate wound healing. There is no weight limit.

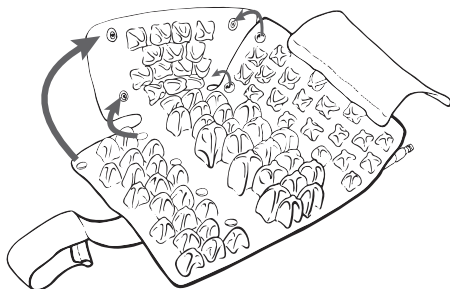


Inflation Instructions:

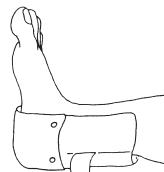
1. Place the HEAL PAD flat, with the cells facing up.
2. Slide the rubber nozzle of the hand pump over the inflation valve. Pinch the nozzle and open the inflation valve.
3. Inflate the HEAL PAD, and then close the inflation valve completely. Remove the hand pump.

Attachment Instructions:

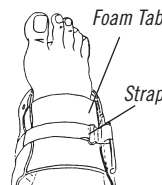
1. Fasten the snaps.




2. Place the individual's heel on the cells.



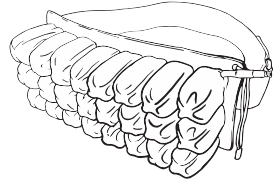
3. Place the foam tab over the shin, insert the strap through the metal ring, and adjust the strap.



 **CHECK INFLATION!** After adjustment, confirm that there is **NO CONTACT** between the individual's heel and the base of the HEAL PAD. If there is contact, add air.

Lumbar Cushion

Intended Use: The ROHO® Lumbar Support Cushion (Lumbar Cushion) is an adjustable, air-filled, cellular-design, neoprene surface that utilizes DRY FLOATATION® technology and is intended to conform to an individual's lumbar region. There is no weight limit.



Instructions:

1. Slide the rubber nozzle of the hand pump over the inflation valve. Pinch the nozzle and open the inflation valve. Inflate the cushion, and then close the inflation valve completely. Remove the hand pump.
2. Place the cushion on the surface, making sure the air cells face the individual. Confirm that the individual is in their usual position. Confirm correct placement of the cushioning device.
3. Adjust the inflation level as required. Close the inflation valve when adjustment is complete.

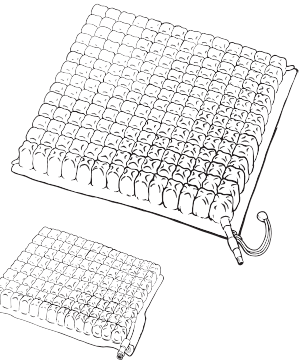


CHECK INFLATION! After adjustment, confirm that there is **NO CONTACT** between the individual and the base of the cushioning device. If there is contact, add air.

MINI-MAX Cushion and PACK-IT Cushion

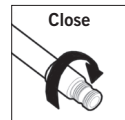
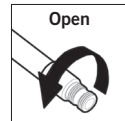
Intended Use: The ROHO® MINI-MAX® Cushion (MINI-MAX) is an adjustable, air-filled, cellular-design, neoprene surface intended as a supplemental seating surface. There is no weight limit, yet the cushion must be properly sized to the individual.

Intended Use: The ROHO® PACK-IT® Cushion (PACK-IT) is an adjustable, air-filled, cellular-design, neoprene surface intended for short-term cushioning needs. There is no weight limit, yet the cushion must be properly sized to the individual.



Atmospheric Adjustment Instructions for MINI-MAX and PACK-IT:

1. Slide the rubber nozzle of the hand pump over the inflation valve. Pinch the nozzle and open the inflation valve. Inflate until the cushion arches slightly.
2. Remove the hand pump. Do not close the inflation valve. Allow air to escape from the inflation valve.
3. Listen (or place your hand in front of the inflation valve) to confirm that deflation has stopped.
4. Turn the inflation valve clockwise to close.
5. Place the cushion on the surface, making sure the air cells face the individual.



CHECK INFLATION! After atmospheric adjustment, confirm that there is **NO CONTACT** between the individual and the base of the cushioning device. If there is contact, add air.



When possible, use the hook or loop fasteners to further secure the product to the surface.

MINI-MAX Cushion and PACK-IT Cushion, Continued

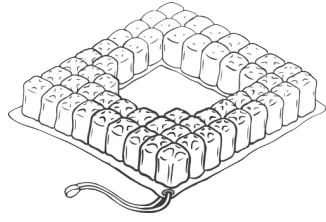
Cover Removal: Unzip the cover and remove the cushion.

MINI-MAX Cover Replacement: Insert the cushion into the cover. Pull the inflation valve and Yellow Rope through a corner opening.

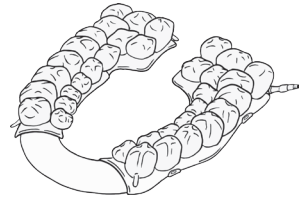
PACK-IT Cover Replacement: Insert the PACK-IT into the cover. Close the zipper.

Shower/Commode Seat Cushion and Toilet Seat Cushion

Intended Use: The ROHO® Shower/Commode Cushion (Shower/Commode Cushion) is an adjustable, air-filled, cellular-design, support surface that utilizes DRY FLOATATION® technology and is intended for short-term cushioning needs on bedside commodes and shower chairs to provide skin/soft tissue protection. There is no weight limit.



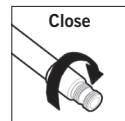
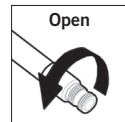
Intended Use: The ROHO® Toilet Seat Cushion (Toilet Seat Cushion) is an adjustable, air-filled, cellular-design, neoprene surface intended for short-term cushioning needs on toilets and portable bedside commodes. There is no weight limit.



Instructions for Shower/Commode Cushion and Toilet Seat Cushion:

1. Slide the rubber nozzle of the hand pump over the inflation valve(s). Pinch the nozzle and open the inflation valve(s). Inflate the cushion, and then close the inflation valve(s) completely. Remove the hand pump.
2. Place the cushion on the surface, making sure the air cells face the individual. Confirm that the individual is in their usual position. Confirm correct placement of the cushioning device.
3. Adjust the inflation level as required. Close the inflation valve(s) when adjustment is complete.

Toilet Seat Cushion Attachment: Use the straps and snaps to secure the cushion to the surface.



Contact between the skin and areas where the toilet seat is NOT covered by the Toilet Seat Cushion could result in tissue damage.



CHECK INFLATION! After adjustment, confirm that there is **NO CONTACT** between the individual and the base of the cushion. If there is contact, add air.

Recliner System

Intended Use: The ROHO® Recliner System (Recliner System) is an adjustable, air-filled, cellular-design, support surface that utilizes DRY FLOATATION® technology and is intended to conform to an individual's seated shape to provide localized skin/soft tissue protection and an environment to facilitate wound healing. There is no weight limit, yet the cushion must be properly sized to the individual.



Shown without cushion covers.

Instructions:

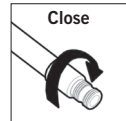
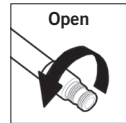
1. Place the Recliner System on the chair with the air cells facing up and the non-skid surface of the cover facing the chair seat and chair back.



The seated figure shows standard orientation.

⚠ When possible, use the hook or loop fasteners to further secure the cover to the seating surface. On the back cushion, hook and loop fasteners are located inside the cover and on the back of the cushion.

2. Slide the rubber nozzle of the hand pump over the inflation valve. Pinch the nozzle and open the inflation valve. Inflate until the cushion begins to arch slightly. Pinch the rubber nozzle of the hand pump and close the inflation valve completely. Remove the hand pump. Repeat for all inflation valves.
3. Confirm that the individual is in their usual position. Confirm correct placement of the Recliner System.
4. Slide your hand between the each cushion and the individual and feel for bony prominences. With your hand in place, open the inflation valve, releasing air as prescribed. Close the inflation valve. Repeat for all inflation valves.









⚠ CHECK INFLATION! ROHO, Inc. recommends at least ½ in. (1.5 cm) of space between the cushion base and the individual's bony prominences. Follow the prescriber's recommended inflation levels.

Recliner Cushion Cover Removal: Unsnap and remove the covers from the cushions.

Recliner Cushion Cover Replacement:

1. The zipper on the Back Cushion cover should be closed. For Seat Cushion and Back Cushion: The non-skid cover material should face up and the snapped opening of the cover should face you. The air cells should face down: Insert each cushion into its cover, inflation valve(s) first. Pull the inflation valve(s) and Yellow Rope through the corner opening(s). The inflation valves will protrude at the front of the Seat Cushion and at the top of the Back Cushion.
2. Place the two cushions with the snapped openings next to each other. Snap the Back Cushion to the Seat Cushion. Snap the bottoms of the covers together. Turn the cushions over so the air cells face up. Snap the tops of the covers together. The cushions should lie flat inside the covers.

Cleaning and Disinfecting

Instructions apply to the products featured in this manual.	
	Cleaning and disinfecting are separate processes. Cleaning must precede disinfection. Before use by a different individual: clean, disinfect, and check product for proper functioning.
Cover Care:	Remove hook fastener pieces from bottom of cover prior to cleaning and disinfecting. For the cover on the Recliner System back cushion: Turn the cover inside out, close the zipper and snaps. Wash with like colors.
To Clean the Cover:	First remove the cover from the cushioning device. Machine wash in cold water (30°C) with mild detergent, gentle cycle, or wipe clean with neutral detergent and warm water. Tumble dry low. 
To Disinfect the Cover:	Hand wash in cold water (30°C) using 1 part household liquid bleach per 9 parts water, then rinse thoroughly. Or machine wash in hot water (60°C). Tumble dry low. 
	Follow the safety guidelines on the bleach container.
Cushion Care Cautions:	DO NOT allow water or cleaning solution to enter the cushion. DO NOT machine wash or sanitize the cushion or machine dry the cushion. Use of the following may cause damage to the cushion: abrasives (steel wool, scouring pads); caustic, automatic dishwasher detergents; cleaning products that contain petroleum or organic solvents, including acetone, toluene, Methyl Ethyl Ketone (MEK), naphtha, dry cleaning fluid, adhesive remover; oil-based lotions, lanolin, or phenolic-based disinfectants; ozone gas; ultraviolet light cleaning methods.
	
To Clean the Cushion:	Remove the cover and close the inflation valve. Hand wash, using mild liquid hand soap, hand dishwashing liquid, laundry detergent, or a multipurpose detergent (Follow product label instructions.) Gently scrub all cushion surfaces, using a soft plastic bristle brush, a sponge or a cloth. Rinse with clean water. Air dry. DO NOT expose to direct sunlight.
To Disinfect the Cushion:	Repeat cleaning instructions, using 1 part household liquid bleach per 9 parts water. Follow the safety guidelines on the bleach product label. Keep the product wet with the bleach solution for 10 minutes. Rinse thoroughly with clean water. Air dry.
	NOTE: Most germicidal disinfectants are safe if used following the disinfectant manufacturer's dilution directions.
NOTE About Sterilization:	<u>High temperatures accelerate aging and will damage the product assembly.</u> ROHO products are not packaged in a sterile condition, nor are they intended or required to be sterilized prior to use. If institution protocol demands sterilization: First, follow the cleaning and disinfecting instructions; then, open the inflation valve and use the lowest possible sterilizing temperature, but not to exceed 60°C (158°F), for the shortest time possible. DO NOT autoclave.
	

Troubleshooting

For additional assistance, contact your clinical professional, distributor, or ROHO, Inc.

Not Holding Air:	Inflate the cushion. Confirm that the inflation valve is completely closed. Look for holes in the cushion. If very small holes or no holes are visible, follow the instructions in the Repair Kit provided with your product. For inflation valve or hose damage, or for large holes or leaks in the cushion, see the ROHO Limited Warranty supplement, or contact Customer Care.
Uncomfortable or Unstable:	Check the inflation level (see the product instructions). Confirm that the air cells and the top of the cover face the individual. Confirm that the cushioning device is not too big or too small for the surface. Allow the individual at least one hour to adjust to the cushioning device.
Cushioning Device Slides:	Make sure the non-skid bottom of the cover is facing away from individual. Confirm that the hook and loop fasteners, straps, or snaps are securely fastened.

Disposal

The components of the products in this manual are associated with no known environmental hazards when properly used and when disposed of in accordance with all local/regional regulations. Incineration must be performed by a qualified, licensed waste management facility.

Limited Warranty

Limited Warranty Term: 24 months from the date the product was originally purchased.

The warranty does not apply to punctures, tears, burns, or misuse, nor does it apply to the removable cover. See also the ROHO Limited Warranty supplement provided with your product, or contact Customer Care.



Mailing/Shipping Address:
1501 South 74th Street, Belleville, IL 62223-5900 USA

Administrative Offices:
100 N. Florida Avenue, Belleville, IL 62221-5429 USA
U.S.: 800-851-3449 • Fax 888-551-3449
Outside the U.S.: 618-277-9150 • Fax 618-277-6518

www.roho.com



The Quality Management System of
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MDSS GmbH
Schiffgraben 41
30175 Hannover, Germany

