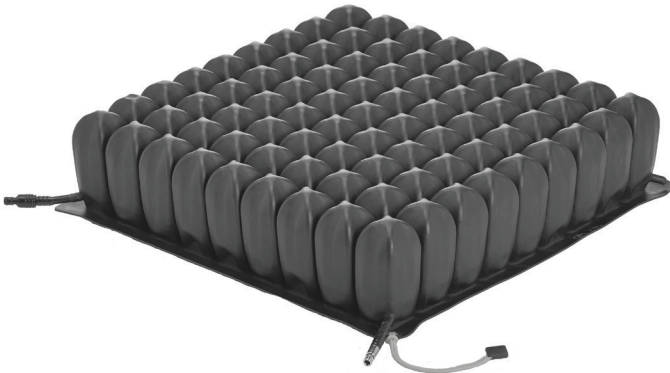




ROHO® Single Compartment Cushion with Sensor Ready™ Technology

Operation Manual



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

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

shape fitting technology®

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Manufactured by ROHO, Inc.
100 N. Florida Avenue, Belleville, IL 62221-5429 U.S.A.
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 • cc@roho.com
permobilus.com

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The following are trademarks and registered trademarks of ROHO, Inc.: DRY FLOATATION[®], HIGH PROFILE[®], MID PROFILE[™], ROHO[®], Sensor Ready[™], shape fitting technology[®], Smart Check[®], and Yellow Rope[®].

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

ROHO, Inc. has a policy of continual product improvement and reserves the right to amend specifications presented in this manual.

Intended Use

The ROHO® Single Compartment Cushion with Sensor Ready™ Technology (Sensor Ready Cushion) is an adjustable, air-filled, cellular-design, wheelchair support surface that utilizes DRY FLOATATION® technology and is intended to conform to an individual's seated shape to provide 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. Cushion models include:

- ROHO® MID PROFILE™ Single Compartment Cushion with Sensor Ready™ Technology (MID PROFILE Sensor Ready Cushion)
- ROHO® HIGH PROFILE® Single Compartment Cushion with Sensor Ready™ Technology (HIGH PROFILE Sensor Ready Cushion)

ROHO, Inc. recommends evaluation by a clinician who is experienced in seating, positioning and mobility: 1) to determine whether the cushion is appropriate for the individual; and 2) to determine whether a solid seat platform is recommended if using the cushion on a sling-seat wheelchair.

The Sensor Ready Cushion is compatible with Smart Check® by ROHO®.

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.

Important Safety Information

Warnings

- **Skin/soft tissue breakdown can occur due to a number of factors, which vary by individual. Check skin frequently, at least once a day. Redness, bruising, or darker areas (when compared to normal skin) may indicate the beginning of soft tissue breakdown and may need to be addressed. If there is any discoloration to skin/soft tissue, STOP USE immediately. If the discoloration does not disappear within 30 minutes after disuse, immediately consult a healthcare professional.**
- **The cushion 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 cushion 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.**
- **If you are unable to perform any tasks described in this manual, seek assistance.**

Important Safety Information, Continued

Warnings

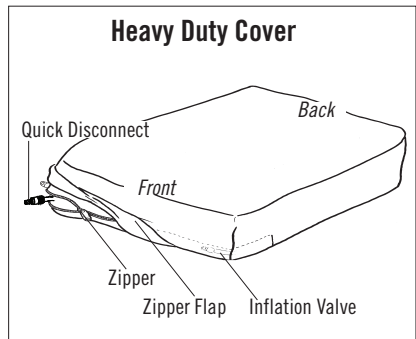
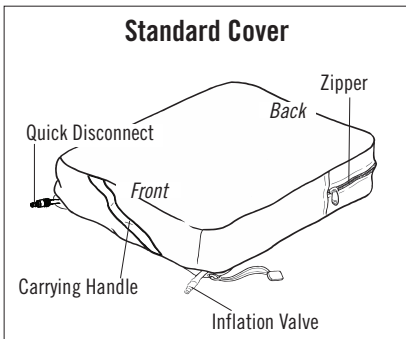
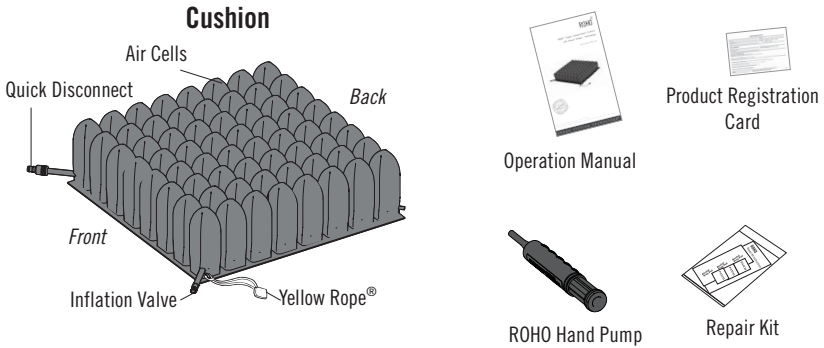
- **DO NOT use your cushion on top of, or in conjunction with, any other products or materials, except as indicated in this manual. Doing so may cause the individual to become unstable and vulnerable to falling.**
- **DO NOT use this cushion as a water flotation device (e.g. a Life Preserver). It will NOT support you in water.**

Cautions:

- DO NOT use a cover or a repair kit other than those provided by ROHO, Inc. Doing so may void your product's warranty.
- The ROHO Sensor Ready Cushion is intended to be inflated only with the ROHO Hand Pump.
- DO NOT modify the cushion or any components. Doing so may result in damage to the product and will void the warranty.
- DO NOT allow your cushion to come in contact with oil-based lotions or lanolin. They may degrade the material.
- Prolonged exposure to ozone may degrade materials used in the cushion, affect the performance of the cushion, and void the product warranty.
- Changes in altitude may require adjustment to your cushion.
- Keep the cushion away from sharp objects.
- DO NOT expose the product to high heat, open flames, or hot ashes.
- If the cushion has been in temperatures lower than 32° F (0° C) and exhibits unusual stiffness, allow the cushion to warm to room temperature.
- DO NOT use the inflation valve, the quick disconnect, or hoses as a handle for carrying or pulling the cushion. Carry the cushion by the cushion base or by the carrying handle on the cover.

Parts Detail

Package contents: Sensor Ready Cushion, cover, operation manual, product registration card, ROHO Hand Pump, repair kit



To order replacement parts, contact your product provider or ROHO, Inc., or visit therohostore.com.

Product Specifications

Cushion: neoprene rubber; made without latex

Inflation valve: nickel-plated brass; polyurethane hose

Yellow Rope: nylon

Quick Disconnect: acetal coupling for connecting the cushion to Smart Check by ROHO.

Standard Cover: two-way stretch top, spacer fabric sides, with a zipper located in the back of the cover; and a non-skid bottom with hook and loop fasteners to help secure the cushion in the chair. Refer to cover care label for material content.

Heavy Duty Cover: two-way stretch, fluid-resistant top and sides, with a zipper located in the front of the cover; and a non-skid bottom with hook and loop fasteners to help secure the cushion in the chair. Refer to cover care label for material content.

Product Specifications, Continued

Standard Cushion Dimensions and Weights		
Cushion	Height	Average Weight*
MID PROFILE (MP)	3.25 in. (8.5 cm)	3.0 lb. (1.4 kg)
HIGH PROFILE (HP)	4.25 in. (10.5 cm)	3.25 lb. (1.5 kg)
*based on 9 x 9 cell cushions: 16.5 in. x 16.5 in. (42 cm x 42 cm)		

	Min. Width		Min. Depth		Max. Width		Max. Depth	
	#Cells	in. (cm)	#Cells	in. (cm)	#Cells	in. (cm)	#Cells	in. (cm)
MP	7	13.25 (33.5)	7	13.25 (33.5)	13	23.5 (59.5)	12	21.75 (55)
HP	6	11.5 (29)	6	11.5 (29)	15	26.75 (68)	12	21.75 (55)
NOTE: Contact Customer Care for specific cushion sizes.								

Cushion Adjustment

This cushion is equipped with Sensor Ready Technology and can be used with Smart Check by ROHO, which is a cushion feedback system. Smart Check can be used to find the individual's inflation level and help check their cushion. For more information, contact ROHO Customer Care (see CONTACT INFORMATION.)

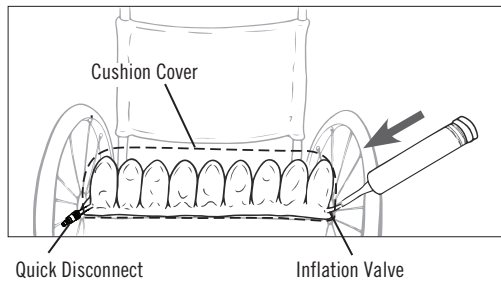
NOTE: If you own Smart Check by ROHO, **STOP HERE** and refer to the *Smart Check*[®] by ROHO[®] Operation Manual.



⚠ Important Safety Information

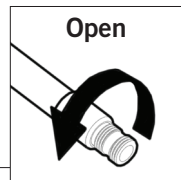
- **DO NOT** use an under-inflated cushion or an over-inflated cushion because the product benefits will be reduced or eliminated, resulting in an increased risk to skin and other soft tissue. If the cushion does not appear to be holding air, or if you are not able to inflate or deflate the cushion, see TROUBLESHOOTING. Immediately contact your clinical caregiver, distributor, or ROHO, Inc. if the problem persists.
- When possible, use the hook or loop fasteners to further secure the cushion to the seating surface.
- Check inflation frequently, at least once a day!

1. Place the cushion in the wheelchair with the air cells facing up and the non-skid surface of the cover facing down.

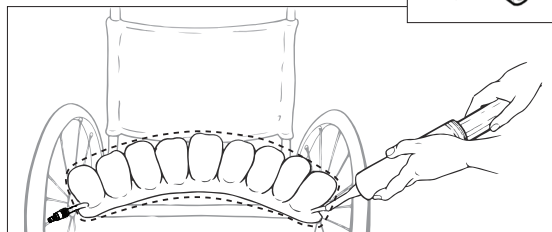


2. Slide the rubber nozzle of the hand pump over the inflation valve.

3. Pinch the nozzle and open the inflation valve.

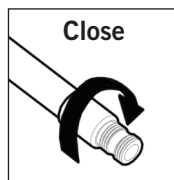


4. Inflate the cushion with the hand pump until the cushion bulges.

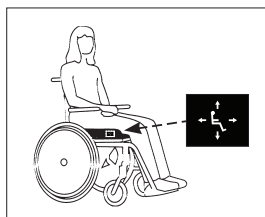


Cushion Adjustment, Continued

5. Pinch the rubber nozzle of the hand pump and close the inflation valve completely. Remove the hand pump.

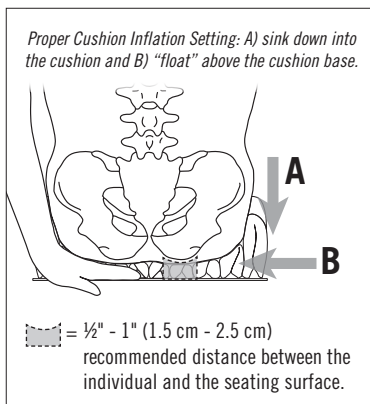


6. The individual should sit in the chair in their usual position. The cushion should be centered beneath the individual.



7. Slide your hand between the cushion and the individual. Lift the leg slightly and feel for the lowest bony prominence, and then lower the leg to a sitting position.

8. Open the valve to remove air, keeping your hand beneath the individual's lowest bony prominence. Release air until you are barely able to move your fingertips. Close the valve.



Cover Removal and Placement



Inspect the cover for damage and replace if necessary.

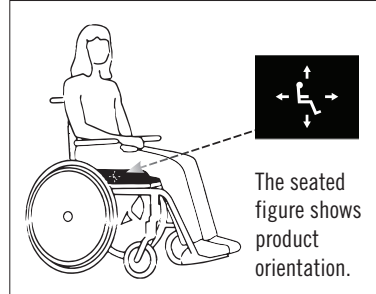


Refer to the label on the bottom of the cushion and to the image on the cover to correctly orient your cushion and cover.

Keeping a cover on your cushion will help to protect the cushion components. A cover will also help to keep the air cells together, which may aid in slide board transfers.

To remove the cover:

1. Remove Smart Check by ROHO if it is attached to the cushion.
2. Unzip and remove the cover from the cushion.



To cover the cushion:

1. Turn the cover and the cushion upside down:
 - The non-skid material should face up and the zipped opening should face you.
 - The air cells should face down.
2. Insert the cushion into the cover, following the instructions below.

Standard Cover Instructions	Heavy Duty Cover Instructions
<ul style="list-style-type: none"> - The back of the cushion should face the zipper. - Make sure all four corners of the cushion extend through the corner openings in the cover. Carefully pull the inflation valve, the quick disconnect, and the Yellow Rope through the openings. - Close the zipper completely. Turn the cushion over so the air cells face up. 	<ul style="list-style-type: none"> - The front of the cushion (the inflation valve and the quick disconnect) should face the zipper. - Tuck the inflation valve, the quick disconnect, and the Yellow Rope inside the cover. - Close the zipper completely. Turn the cushion over so the air cells face up. - When Smart Check by ROHO is attached to the cushion, close the zipper as completely as possible.
<p>The cushion should lie flat inside the cover with the non-skid material on the bottom and all cells covered.</p>	

Cleaning and Disinfecting

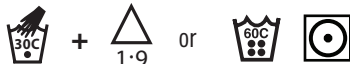
Cleaning and disinfecting are separate processes. Cleaning must precede disinfection. Before use by a different individual: clean, disinfect, and check product for proper functioning.

Cover Care: Remove hook fastener pieces from bottom of cover prior to cleaning and disinfecting. Wash with like colors.

To Clean the Cover: Remove the cover. 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. Keep the product wet with bleach solution for 10 minutes, and then rinse thoroughly. Or machine wash in hot water (60°C). Tumble dry low.



 **Follow safety guidelines on bleach container.**

 **Cautions:**

Valve(s) must be closed.

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. Keep the product wet with the bleach solution for 10 minutes. Rinse thoroughly with clean water. Air dry.

 **Follow safety guidelines on bleach container.**

Note: Most germicidal disinfectants are safe if used following the disinfectant manufacturer's dilution directions.

Cleaning and Disinfecting, Continued

 **Note About Sterilization:** High temperatures accelerate aging and will damage the product assembly. 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 caregiver, distributor, or ROHO, Inc.	
Not Holding Air	Inspect the quick disconnect, the inflation valve, and hoses for damage. Confirm that the inflation valve is completely closed (turn clockwise). 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, quick disconnect, or hose damage, or for large holes or leaks in the cushion, see the ROHO Limited Warranty supplement, or contact Customer Care.
Not Able To Inflate or Deflate Cushion	Confirm that the inflation valve is open. Inspect the quick disconnect, the inflation valve, and hoses for damage.
Uncomfortable / Unstable	Confirm that: <ul style="list-style-type: none"> - the cushion is not over-inflated (See ADJUSTMENT.) - the cushion cells and the top of the cover are facing up. - the cushion is centered beneath the individual. - the cushion is properly sized to the individual and the wheelchair. Allow the individual at least one hour to adjust to the cushion.
The Cushion Slides on the Wheelchair	Make sure non-skid bottom of the cushion cover is facing down. Use directional labels on the cushion and on the cover to orient the cushion. Use hook and loop fasteners to further secure the cushion to the wheelchair.

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 or burns, 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

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

