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.

ROHO® Single Compartment Cushion with Sensor Ready™ Technology
Operation Manual
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ROHO, Inc.
100 N. Florida Avenue, Belleville, IL 62221-5429
U.S.A.: 800-851-3449 • Fax 888-551-3449
Outside the U.S.A.: 618-277-9150 • Fax 618-277-6518
www.roho.com • cc@roho.com

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

Important Safety Information

Warnings

• 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 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 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.

• **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 oil-based lotions or lanolin to come in contact with the cushion. 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 32º F (0º 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 with the Yellow Rope, the cushion base, or the carrying handle on the cover.
Parts Detail
Package contents: Sensor Ready Cushion, cover, operation manual, product registration card, ROHO Hand Pump, repair kit

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**

<table>
<thead>
<tr>
<th>Cushion</th>
<th>Height</th>
<th>Average Weight*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MID PROFILE (MP)</td>
<td>3.25 in. (8.5 cm)</td>
<td>3.0 lb. (1.4 kg)</td>
</tr>
<tr>
<td>HIGH PROFILE (HP)</td>
<td>4.25 in. (10.5 cm)</td>
<td>3.25 lb. (1.5 kg)</td>
</tr>
</tbody>
</table>

*based on 9 x 9 cell cushions: 16.5 in. x 16.5 in. (42 cm x 42 cm)

<table>
<thead>
<tr>
<th>Min. Width</th>
<th>Min. Depth</th>
<th>Max. Width</th>
<th>Max. Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>#Cells</td>
<td>in. (cm)</td>
<td>#Cells</td>
<td>in. (cm)</td>
</tr>
<tr>
<td>MP</td>
<td>7</td>
<td>13.25 (33.5)</td>
<td>7</td>
</tr>
<tr>
<td>HP</td>
<td>6</td>
<td>11.5 (29)</td>
<td>6</td>
</tr>
</tbody>
</table>

**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.

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

   ! **When possible, use the hook or loop fasteners to further secure the cover to the seating surface.**

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.

5. Pinch the rubber nozzle of the hand pump and close the inflation valve completely. Remove the hand pump.
Cushion Adjustment, Continued

⚠️ DO NOT sit on an improperly inflated cushion. Under-inflation or over-inflation of the cushion may reduce or eliminate the cushion’s benefits and could increase risk to the skin and other soft tissue.

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.

NOTE: The recommended distance between the individual and the seating surface is ½ - 1 inch (1.5 cm to 2.5 cm).

⚠️ Check inflation frequently, at least once a day!
Cover Removal and Placement

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

While a cover is not required, a ROHO cover is included with this cushion to help prevent the cushion cells from protruding beyond the wheelchair seat and to aid in slide board transfers. The non-skid bottom of the cover helps to keep the cushion more secure in the chair.

To remove the cover:
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.

<table>
<thead>
<tr>
<th>Standard Cover Instructions</th>
<th>Heavy Duty Cover Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The back of the cushion should face the zipper.</td>
<td>- The front of the cushion (the inflation valve and the quick disconnect) should face the zipper.</td>
</tr>
<tr>
<td>- 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.</td>
<td>- Tuck the inflation valve, the quick disconnect, and the Yellow Rope inside the cover.</td>
</tr>
<tr>
<td>- Close the zipper completely. Turn the cushion over so the air cells face up.</td>
<td>- Close the zipper completely. Turn the cushion over so the air cells face up.</td>
</tr>
</tbody>
</table>

- When Smart Check by ROHO is attached to the cushion, close the zipper as completely as possible.

The cushion should lie flat inside the cover with the non-skid material on the bottom and all cells covered.

Inspect the cover for damage and replace if necessary.
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, then rinse thoroughly. Or machine wash in hot water (60°C). Tumble dry low.

⚠️ Follow safety guidelines on bleach container.

⚠️ 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 safety guidelines on 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.
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.

<table>
<thead>
<tr>
<th>Troubleshooting</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For additional assistance, contact your clinical caregiver, distributor, or ROHO, Inc.</strong></td>
</tr>
<tr>
<td><strong>Not Holding Air</strong></td>
</tr>
<tr>
<td><strong>Not Able To Inflate or Deflate Cushion</strong></td>
</tr>
</tbody>
</table>
| **Uncomfortable / Unstable** | Confirm that:  
- 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

When properly used and disposed of, the components of the products in this manual are associated with no known environmental hazards. Dispose of the product and/or components in accordance with the applicable regulations in your jurisdiction. **DO NOT** incinerate.
Return Policy
Contact ROHO before returning your product. Returned products require prior authorization from ROHO, Inc., must be new and unused, and are subject to a restocking charge.

Contact Information
U.S.A.: Phone: 800-851-3449 • Fax: 888-551-3449
Warranty Service: warranty@roho.com • Customer Care: cc@roho.com

Note: If directed to return any items, please send to:
ROHO, Inc., 1501 South 74th Street, Belleville, IL 62223

Outside the U.S.A.: intl@roho.com • Phone: 618-277-9150 • Fax: 618-277-6518
Or visit www.roho.com for a list of ROHO International distributors.

Limited Warranty
What is covered? ROHO, Inc. covers any defects in materials or workmanship of the product.

For how long? 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.

What is not covered? A product that has been misused, damaged by an accident, or damaged from “an act of Nature”, e.g., flood, tornado, earthquake, fire. Any substitutions of supplied product accessories or modification to the product will void the warranty.

What the customer must do: Within the U.S.A., the customer must contact the ROHO, Inc. Warranty Service Department. Note: Any items sent to ROHO, Inc. without prior authorization will not be returned to the customer. Outside the U.S.A., contact your country's ROHO distributor.

Questions? See Contact Information.

Disclaimer: Any implied warranties, including the MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE are limited to the same time period of the product types referenced above in the “For how long?” section and any action for a breach of such warranties or any express warranties herein must be commenced within that time. ROHO, Inc. shall not be responsible for any incidental or consequential damages with respect to economic loss to property, whether as a result of a breach of express or implied warranties or otherwise.

Your Rights and the Effect of This Warranty Upon Them: This warranty restricts the duration of all implied warranties as noted above and limits or excludes recovery for incidental or consequential damages. Some jurisdictions do not allow limitations on how long implied warranties will last and some jurisdictions do not allow the exclusion or limitation of consequential or incidental damages, so those provisions may not apply to you. While this warranty gives you specific legal rights, you may also have other rights which vary from jurisdiction to jurisdiction.