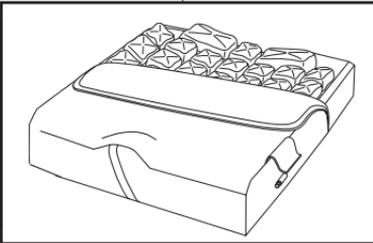




## HARMONY® Cushion

### Operations Manual



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

**USER:** Before using this product, read instructions and save for future reference.

**PROVEEDOR:** Este manual debe ser entregado al usuario del producto.

**USUARIO:** Antes de usar el producto lea las instrucciones y guárdelas, para tenerlas como referencia en cualquier momento.

**FOURNISSEUR :** Ce manuel doit être donné à l'utilisateur de ce produit.

**UTILISATEUR :** Avant d'utiliser ce produit, lire les instructions au complet et conserver pour référence future.

**AN DEN AUSLIEFERER:** Diese Anleitung muss dem Benutzer dieses Produkts übergeben werden.

**BENUTZER:** Lesen Sie vor der Verwendung dieses Produkts die Anweisungen und bewahren Sie diese an einem sicheren Ort auf.

**RIVENDITORE:** Il presente manuale deve essere consegnato all' utente del prodotto.

**UTENTE:** prima di usare il prodotto, leggere attentamente e conservare le seguenti istruzioni.

**LEVERANCIER:** Deze handleiding is voor de gebruiker van dit product.

**GEBRUIKER:** Alvorens u dit product gebruikt, dient u de instructies te lezen en te bewaren als naslagwerk.

**FORHANDLER:** Denne manual skal gives til brugeren af dette produkt.

**BRUGER:** Før De tager dette produkt i anvendelse, bedes De læse brugervejledningen og gemme den, hvis De skulle få brug for den i fremtiden.

**LEVERANTÖR:** Handboken måste överlämnas till produktens användare.

**ANVÄNDARE:** Läs anvisningarna och spara dem för framtida behov.

**FORHANDLER:** Denne bruksanvisningen må gis til brukeren av dette produktet.

**BRUKER :** Før du bruker dette produktet, må du lese instruksene og ta vare på dem til fremtidig bruk.

**MYYJÄ:** Tämä käyttöopas pitää antaa tämän tuotteen käyttäjälle.

**KÄYTTÄJÄ:** Lue nämä ohjeet ennen tämän tuotteen käyttöä ja säästä ne vastaisuuden varalle.

**FORNECEDOR:** Este manual deve ser fornecido ao usuário deste produto.

**USUÁRIO:** Antes de utilizar este produto, leia as instruções e guarde para futuras referências.

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ROHO, Inc. forbedrer løbende sine produkter og forbeholder sig retten til at ændre de specifikationer, der er angivet i denne brugervejledning.

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ROHO, Inc. possui uma política de aprimoramento contínuo dos produtos e reserva o direito de alterar as especificações apresentadas neste manual.

ROHO® Cushioning Products are manufactured in the U.S.A. by ROHO, Inc.

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**INTENDED USE:** The HARMONY® Cushion provides an environment to help protect skin and other soft tissue and enhances the user's seated stability and postural support. The HARMONY Cushion is intended for users that weigh 275 lbs. (125 kg) or less and is intended to be used with the provided fluid-resistant cover. If you are using a wheelchair with a sling seat, ROHO, Inc. recommends the use of the ROHO Contour Base, the ROHO Solid Seat Insert, or a drop seat in conjunction with your HARMONY Cushion for best positioning results.

**CLINICIAN CONSULTATION:** ROHO, Inc. recommends that a clinician (such as a doctor or therapist experienced in seating and positioning) be consulted to determine if the HARMONY Cushion is appropriate for the user's particular seating needs.

**PRODUCT SPECIFICATIONS:** The HARMONY cushion combines an air flotation cushion overlay ("cushion overlay"), contoured foam base, and an anti-microbial and fluid resistant cover.

- The contoured foam base is made of polyurethane foam.
- The cushion overlay is made of a flame retardant PVC film (DEHP free). The valve is nickel plated brass.
- The cover top material is a Nylon/Urethane blend, the sides are 100% nylon, and the bottom is urethane and aramid.

### Sizing Table

<u>Cushion</u>	<u>Width</u>	<u>Length</u>
H1416C	14 in. (35.5 cm)	16 in. (40.5 cm)
H1616C	16 in. (40.5 cm)	16 in. (40.5 cm)
H1618C	16 in. (40.5 cm)	18 in. (45.5 cm)
H1716C	17 in. (43.0 cm)	16 in. (40.5 cm)
H1718C	17 in. (43.0 cm)	18 in. (45.5 cm)
H1816C	18 in. (45.5 cm)	16 in. (40.5 cm)
H1818C	18 in. (45.5 cm)	18 in. (45.5 cm)
H2018C	20 in. (51.0 cm)	18 in. (45.5 cm)

*Average Weight - 2 lbs. (1 kg)*

*Height ranges from 2.5 in. (6.5 cm) to 4.5 in. (11.5 cm). Range is due to contour in foam base and change in air cell height.*

*Weight and height measurements based on H1816C.*

*NOTE: All measurements are approximate and may vary depending on level of inflation.*



## PRECAUTIONS

- **CHECK INFLATION AT LEAST ONCE A DAY!**

- **DO NOT** use any supply of compressed air, oxygen, or other gases to inflate your cushion. The use of any inflation device other than the supplied hand pump may damage the cushion and void the warranty.

- **UNDER-INFLATION: DO NOT** use an under-inflated cushion. Using a cushion that is under-inflated reduces or eliminates the cushion's benefits, increasing risk to the skin and soft tissue. If your cushion appears under-inflated or does not appear to be holding air, make sure that the valve is closed by turning it clockwise. If your cushion is still not holding air, contact your clinical caregiver, distributor, or ROHO, Inc. immediately.

- **OVER-INFLATION: DO NOT** use an over-inflated cushion. Using an over-inflated cushion will not allow you to sink into the cushion and will reduce or eliminate the cushion's benefits, increasing risk to the skin and other soft tissue.

- **CUSHION AND COVER ORIENTATION:** Product must be used with the provided cover and with the air cells facing up. If the cover is not used correctly or if the cover is the wrong size, it may reduce or eliminate the cushion's benefits and could increase risk to the skin and other soft tissue.

- **DO NOT** use on top of or in conjunction with another cushioning product.

- **OBSTRUCTIONS: DO NOT** place any obstructions between the user and the cushion as it will reduce product effectiveness.

- **PRESSURE:** Changes in altitude may require adjustment to your cushion. Check your cushion when changing altitude of 1,000 feet (300 meters) or greater.

- **PUNCTURE:** Keep your cushion away from sharp objects which may puncture the air cells and cause deflation.

- **DO NOT** expose your cushion to high heat, open flames or hot ashes.

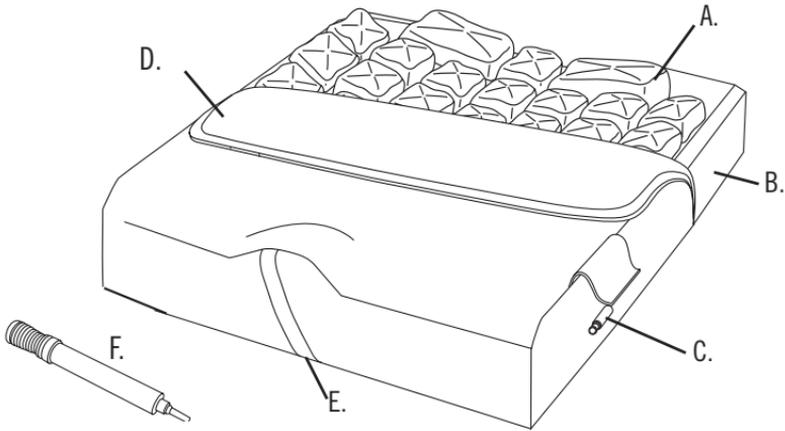
- **CLIMATE:** If a cushion has been in temperatures (less than 32°F/0° C) and experiences unusual stiffness, allow the cushion to warm to 72°F/22°C before inflation or use.

- **HANDLING: DO NOT** use the valve to carry your cushion. Use the carrying handle on the provided cover.

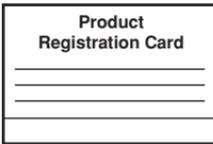
- **DO NOT** use your cushion as a water flotation device (e.g. a life preserver).

- **OZONE GENERATORS:** Prolonged exposure to ozone will degrade materials used in your HARMONY cushion and may affect the performance of your product and invalidate the product warranty. Avoid prolonged exposure of the cushion to direct sunlight or other sources of ultraviolet (UV) light.

## PARTS DETAIL



I.



G.

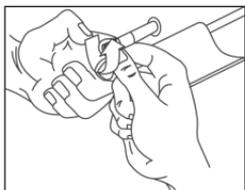


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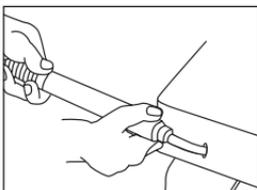


- A. Cushion Overlay: Individual interconnected air cells.
- B. Contoured Foam Base: Enhances stability and helps to position pelvis and thighs.
- C. Inflation Valve: Used to open and close the HARMONY cushion's airway.
- D. Cover: Fluid resistant, anti-microbial, and stretchable. Used to protect cushion. Includes Velcro® on bottom to help secure cushion in chair.
- E. Carrying Handle: Used to carry the HARMONY cushion.
- F. Hand Pump: Used to inflate your cushion.
- G. Repair Kit: Used for minor repairs (See Minor Repairs section).
- H. Operations Manual: Your instructions on adjustment, care, repairs and other important information about your cushion.
- I. Product Registration Card: Used to register your product. Complete card and mail to ROHO, Inc. or register online at [www.therohogroup.com](http://www.therohogroup.com).

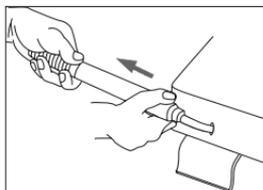
## ADJUSTMENT INSTRUCTIONS FOR HARMONY CUSHION:



**STEP 1:** Place cushion on chair according to the directional labels. Make sure it is centered and the air cells are right side up, with air valve in front, left corner. Turn valve **counterclockwise** to open.



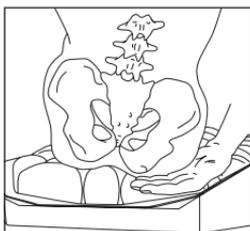
**STEP 2:** Slide the pump's rubber nozzle over the valve and inflate the cushion until it begins to slightly arch.



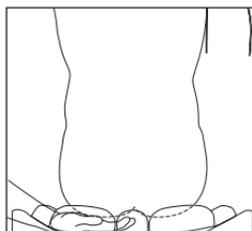
**STEP 3:** Pinch the pump's rubber nozzle and turn valve **clockwise** to close. Remove pump.



**STEP 4:** Have the user sit in the chair, making sure the cushion is centered underneath. The user should be seated in their normal sitting position.



**STEP 5:** Slide your hand between the cushion's top surface and the user's bottom. Lift their leg slightly and feel for their lowest bony prominence. Then lower their leg to a sitting position.



**STEP 6:** Turn valve **counterclockwise** to let air out, while keeping your hand under the user's lowest bony prominence. Release air until you can barely move your finger tips - no more than 1 inch (2.5 cm) and no less than 1/2 inch (1.5 cm). Turn valve **clockwise** to close.

**NOTE: DO NOT** sit on an improperly inflated cushion. Under-inflation or over-inflation of the cushion reduces or eliminates the cushion's benefits and could increase risk to skin and other soft tissue. The cushion is most effective when there is 1/2 inch (1.5 cm) to 1 inch (2.5 cm) of air between the user's bottom and the seating surface.

## **COVER REMOVAL & REPLACEMENT:**

A cover is included with every HARMONY cushion to protect the contoured foam base and cushion overlay from fluids, prevent the cushion cells from protruding beyond the wheelchair seat and aid in slide board transfers. The bottom of the cover is made of non-skid material, helping to keep the cushion more secure in the chair.

### **To Remove The Cover:**

1. Open the valve flap on the side of the cover and push the valve inside the cover.
2. Unzip the outside and inside zippers.
3. Remove contoured foam base and cushion overlay from cover.

### **To Replace The Cover:**

**NOTE:** Use directional labels found on the product.

1. Place cover with non-skid surface down.
2. Insert the contoured foam base, front first and with the flat surface down, into the bottom section of the cover.
3. Insert the cushion overlay, front first and cells up, into the top section of the cover.
4. Open the valve flap.
5. Reach inside the top section of the cover and insert the valve through the hole under the valve flap.
6. Close the valve flap and both zippers.
7. Follow adjustment instructions.

## **CLEANING & DISINFECTING YOUR PRODUCT:**

Cleaning and disinfecting are two separate processes. Cleaning must precede disinfection. When used with multiple patients, the HARMONY cushion must be cleaned, disinfected, and checked for proper functioning between patients.

### **CLEANING THE COVER**

1. Remove cover.
2. Machine wash in cold water (30° C). No bleach.
3. Air dry thoroughly.



### **DISINFECTING THE COVER**

1. Machine wash in hot water (60° C). No bleach.
2. Air dry thoroughly.



### **CLEANING THE HARMONY CUSHION OVERLAY**

1. Remove the cushion overlay. Close the valve.
2. ROHO, Inc. recommends the use of dish washing soap, laundry detergent, or other multi-purpose detergents for general cleaning.
3. Use a damp cloth, sponge, or soft plastic bristle brush to gently scrub cushion overlay surfaces.
4. Rinse with fresh water.
5. Pat dry with towel or air dry thoroughly.

### **DISINFECTING THE HARMONY CUSHION OVERLAY**

1. Cushion overlay must be cleaned to remove any soil prior to disinfecting.
2. Repeat cleaning instructions above using a disinfecting solution of 1/2 cup household liquid bleach per 1 quart of warm water (125 ml bleach to 1 liter of warm water) instead of detergent.
3. Allow disinfecting solution to remain on cushion overlay surfaces for a minimum of 10 minutes.
4. Rinse and dry per cleaning instructions.
5. Most multipurpose disinfectants may be safely used in place of bleach/water solution if used according to the disinfectant manufacturer's instructions.

### **CLEANING THE CONTOURED FOAM BASE SURFACE**

1. Wipe gently with a cloth dampened with water and a household detergent.
2. Allow foam to air dry thoroughly.

### **DISINFECTING THE CONTOURED FOAM BASE SURFACE**

1. Wipe gently with a cloth dampened with water and a household disinfectant.
2. Allow foam to air dry thoroughly.

### **NOTES**

- **DO NOT** machine wash or machine dry the cushion overlay or contoured foam base.
- **DO NOT** use abrasives such as steel wool or scouring pads.
- **DO NOT** use cleaning products containing petroleum or organic solvents including acetone, toluene, MEK, naphtha, dry cleaning fluids, adhesive removers, etc.
- Ensure valve is closed. **DO NOT** allow water or cleaning solution to enter the cushion overlay.
- **DO NOT** autoclave, steam clean, or expose HARMONY cushion to temperatures in excess of 150°F (65°C).
- **DO NOT** expose HARMONY cushion to ultraviolet light or ozone gas cleaning methods.

### **TROUBLESHOOTING:**

**Cushion Overlay Not Holding Air:** First, make sure the valve is closed tightly by turning it clockwise. If still not holding air, visibly check for holes. If no holes are visible, inflate the cushion overlay, close the valve, and immerse the cushion overlay **ONLY** in a sink or tub of water and look for air bubbles.

If “**pin-hole**” size holes are found, see “Minor Repairs” below. If large holes or other leaks are found, see “Return & Contact Information” below.

**Cushion is Uncomfortable/Unstable:** Make sure product is not over-inflated or under-inflated (see Adjustment Instructions). Make sure contoured foam base, and the cover’s stretch top are facing “UP.”\* Make sure the cushion is properly sized and adjusted. Allow the user to sit on the cushion for at least one hour to get used to the texture of the product’s surface and immersion into the air cells.

**Cushion Slides On Chair:** Make sure non-skid bottom of the cover is facing “DOWN”.\*

\* *Use directional label on cover as a guide.*

### **MINOR REPAIRS:**

If your cushion overlay develops a small leak, use the repair kit that came with your product and follow the repair kit instructions.

### **RETURN & CONTACT INFORMATION:**

All returns require prior authorization from ROHO, Inc. and are subject to a restocking charge. Before returning your product to ROHO, Inc. for evaluation, contact our Customer Support Department at 1-800-851-3449 toll free in the **U.S.A. Outside the U.S.A.**, contact your country’s ROHO International distributor or contact ROHO International at 1-618-277-9150 for your nearest distributor. Check our website, [www.therohogroup.com](http://www.therohogroup.com), for the latest list of ROHO International distributors. You may also e-mail us at: [cs@therohogroup.com](mailto:cs@therohogroup.com).

### **DISPOSAL:**

When properly used and disposed, there are no known environmental hazards associated with the components of the HARMONY cushion. Dispose of the product and / or components in accordance with the applicable regulations in your jurisdiction.

**DO NOT INCINERATE.**

## Limited Warranty

### **What is covered?**

ROHO, Inc. covers any defects in materials or workmanship of the product. Any substitutions of supplied components will void the warranty.

### **For how long?**

12 months from the date the product was originally purchased, with the exception of the cover, which has a 6-Month Limited Warranty.

### **What we will do.**

Within a reasonable amount of time after you return the product to us, we will repair or replace any defect in material and workmanship and ship it back to you, all free of charge.

### **What we will not do.**

We will not repair a product free of charge if it has been misused, damaged by an accident, or damaged from "an act of Nature", e.g., flood, tornado, earthquake, fire.

### **What the customer must do.**

Within the **U.S.A.**, the customer must contact ROHO, Inc. to obtain a Return Authorization Number and a completed Return Authorization Form must be included with the product when returned. The Return Authorization Form can be obtained from our website at [www.therohogroup.com](http://www.therohogroup.com) or by contacting Customer Support at 1-800-851-3449 toll free.

**Outside the U.S.A.**, contact the nearest ROHO International distributor. See website for current list of ROHO International distributors ([www.therohogroup.com](http://www.therohogroup.com)). Failure to submit a Return Authorization Form may result in the product being returned without evaluation or repair.

### **Questions.**

Call our Customer Support Department toll free from **U.S.A.** at 1-800-851-3449. **Outside of U.S.A.** call your ROHO International distributor or the ROHO Customer Support Department at 1-618-277-9150.

### **Disclaimer**

Any implied warranties, including the MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE are also limited to the period of time specified above from the date of original purchase and any action for a breach of such warranties or any express warranties herein must be commenced within this time. ROHO, Inc. shall not be responsible for any incidental or consequential damages with respect to economic loss or injuries to property, whether as a result of a breach of express or implied warranties, or otherwise. ROHO, Inc. will not be responsible for the results of careless handling, unreasonable or improper use of this product.

### **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.

Item # LITG01005  
Rev. Date: 11/22/10  
Print Date: \_\_/\_\_/\_\_



The Quality Management System  
of ROHO, Inc. is certified to  
ISO 9001:2008 and ISO 13485:2003.



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A PRODUCT SUPPORTED BY:



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