



## Zone Air Wheelchair Cushion User Guide

*Providing best-in-class equipment in acute, long-term, and home care settings to **reduce operating costs, improve compliance, and enhance clinical outcomes.***

1750 Oak Street, Lakewood, NJ 08701 | 732.367.5533  
info@handrhealthcare.com | www.handrhealthcare.com

IFU-HR-rev A

## **Introduction**

It is recommended that all sections of this manual be read prior to product use. Carefully review the Indications and Safety Information sections prior to placing a patient on any Natural Form Cushion. If you have any questions about this User Guide, please call 732-367-5533 for additional information.

Caregivers should make sure to discuss Safety Information, Risks and Precautions and Contraindications with the patient (or the patient's legal guardians) and the patient's family.

H&R Healthcare's Zone Air is a unique cushioning system that offers superior comfort and therapeutic support for the preventions and treatment of skin breakdown for wheelchair users. Each cushion contains three air/foam cylinders that maximize femoral support while relieving pressure on the Ischial and Coccyx areas. It can also be used to support postural asymmetry, pelvic obliquities and posterior tilt.

## **Indications**

For prevention or treatment of skin breakdown. Monitor patient's skin regularly.

## **Placement of cushion on wheelchair**

1. Make sure the brakes are engaged.
2. For the Zone cushion, close each valve on the sides of the cushion and leave valves outside of the pockets.
  - \*The two white valves control air flow for each side cushion.
  - \*The blue valve controls the air flow for the Ischial/Coccyx cushion.
3. For all cushions place the cushion on the wheelchair seat with the H&R Healthcare Front logo pointing to the front. Make sure the cushion properly fits the width and depth of the wheelchair seating area. There should be no gaps in between. There should be no padding under the cushion.

## **Patient transfer onto wheelchair**

1. Transfer patient following all applicable safety rules and institutional protocols.
2. Patient should be centered on the cushion, sitting comfortably in the patients normal position.

**Zone Air positioning adjustment**

- 1. Valves should be easily accessible on each side of the patient.
- 2. For maximum pressure redistribution, turn the blue valve counter-clockwise slowly, allowing air to flow out of the back cylinder. (This will sit the patient back into the chair.) Close the blue valve by turning clockwise.
- 3. To help with any postural asymmetries the patient may have, bleed air slowly out of the side opposite the postural asymmetry by turning the valve counter-clockwise. Close valve by turning clockwise.
- 4. To lower that patient’s seat height, bleed air slowly out of each side evenly, by turning the valve counter-clockwise, (one side at a time). Close valve by turning clockwise.
- 5. Valves should be placed in pockets once adjustments have been made.

**Safety Tip**

It is important to check daily that the cushion is properly placed under the patient and that the valves have remained in the set position.

**Specifications\***

**Natural Form Cushions**

Maximum weight .....	500lbs
Weight (based on 18x16x4 Zone Air cushion .....	2.5lbs
Minimum Length* .....	16in
Maximum Length* .....	20in
Minimum Width* .....	16in
Maximum Length* .....	20in
Height .....	4in

\* Specifications subject to change without notice.

Size	Weight Capacity	Size	Weight Capacity
16" X 16"	500 lb.	20" X 20"	500 lb.
18" X 16"	500 lb.	22" X 18"	500 lb.
18" X 18"	500 lb.	24" X 18"	500 lb.
20" X 18"	500 lb.	24" X 20"	500 lb.

## **Warranty**

The Zone Air Cushion has a two year limited warranty for the original purchaser against manufacturers' defects in material and/or workmanship. Normal wear and tear and damage caused beyond H&R Healthcare's control are not warranted.

For any additional information, please contact us at:

H&R Healthcare  
1750 Oak Street  
Lakewood, NJ 08701  
732-367-5533  
[www.handrhealthcare.com](http://www.handrhealthcare.com)

*Providing best-in-class equipment in acute, long-term, and home care settings to **reduce operating costs, improve compliance, and enhance clinical outcomes.***

1750 Oak Street, Lakewood, NJ 08701 | 732.367.5533  
[info@handrhealthcare.com](mailto:info@handrhealthcare.com) | [www.handrhealthcare.com](http://www.handrhealthcare.com)