

VICAIR[®]

the best in body support



**NEW
REVERSIBLE
REVERSIBLE
COVER**

The **new** thinking in air cushions

Vicair® Technology

Vicair® Technology enables comfortable, stable, unique seating solutions for individuals with simple to complex pressure and positioning needs. Vicair products offer superior performance with little to no maintenance for the user or caregiver.

The specially designed compartments in the cushion shell are filled with hundreds of Vicair's innovative individual air cells, called 'SmartCells'. These SmartCells™ have low surface friction, which allows them to move easily against each other and to conform precisely to the body's contours. The exact number of SmartCells™ in each compartment can be adjusted to optimize pressure distribution, positioning, and envelopment in the support medium.

Newly designed SmartCells™

- Newly designed SmartCells™ are softer and thinner. This new design gives all Vicair® cushions a softer feel and allows the user to immerse into the cushion more than ever before.
- SmartCells™ are slightly compressed and slide against each other under the weight of an individual. This creates Contour, Envelopment and Pressure Distribution.
- SmartCells™ are held in specially designed compartments, they do not migrate, thus providing Functional Stability and no bottoming out.

The Vicair® principle in short

Step 1: The cells move easily against each other thanks to a low friction surface.

Step 2: The individual deformation of each cell provides an even more subtle adaptation to the body's contours.

Step 3: The result is a dynamic but also stable adaptation to the body's contours, combined with superior pressure distribution and comfort.



Advantages

- Ready to use
- Optimal pressure distribution
- Stable positioning
- Ultra-low weight
- Low/no maintenance
- Easily adjustable
- Safe

Customer feedback

"Optimal pressure distribution in combination with stability is what makes the Vicair® cushion a functional seat cushion"

-Bengt Engstrom, P.T.

"Thank You" for introducing me to the Vicair® cushions. I recently had a patient with a stage 2 decubitus ulcer. We previously had him on a competitor's air cushion and were not able to keep his pelvis positioned correctly and we were also having problems keeping the cushion inflated. Since putting him on the Adjuster with Vicair® cushion with proper adjustments to the anti thrust, we were able to keep his pelvis back and he is not sliding forward any longer. Although I have not been asked to re-visit him since this time I do continually check with the staff and there have been no reports of skin redness or any problems keeping him in the chair.

Respectfully,
Trish Couch, ATS, CRTS Holland RST



Choose Vicair® for all the right reasons

Ready to use

Vicair® has redesigned the SmartCells™ making them softer and thinner. All Vicair® cushions now have a softer feel and allow the user to immerse into the cushion more than previously.

Low maintenance

A Vicair cushion requires little or no maintenance once it is properly adjusted in situations where necessary. Adjustments can be made to the cushion while an individual is sitting on it, resulting in fewer transfers. There's no need to worry about re-inflation or leaks with Vicair® cushions. Air is encapsulated in the SmartCells™, which have excellent pressure distribution properties. The SmartCells™ envelop the seating surface, distributing pressure away from the delicate areas of the sacrum, coccyx and ischial tuberosities while also providing relief from shear.

Adjustable

Vicair cushions provide a dynamic seating surface that can be adjusted to accommodate or correct orthopaedic deformities such as pelvic obliquity and posterior pelvic tilt. If an individual's positioning needs change over time, SmartCells™ can be added to or removed from the cushion's compartments. If an individual has a flexible orthopaedic deformity but cannot tolerate full correction at one time, gradual, gentle adjustments are also possible thanks to the unique design of the SmartCells™ and cushion compartments.

Stable

The unique immersion properties of Vicair's SmartCells™ allow the user to immerse into the cushion while also providing stability. This gives users independence when engaged in everyday activities and also provides a stable base for transfers and improved propulsion efficiency.

Light weight

Users can keep the overall weight of their mobility system to a minimum with Vicair's ultra lightweight technology. The cushions weigh 1.25 to 1.8 pounds.



Vicair Active 6 (2" high) & 9 (3.5" high) cushions



Active 2" & 3.5" high sizes

Size in cm	Size in inches
35 x 40	14 x 16
40 x 40	16 x 16
40 x 45	16 x 18
40 x 50	16 x 20
45 x 40	18 x 16
45 x 45	18 x 18
45 x 50	18 x 20
50 x 45	20 x 18
50 x 50	20 x 20

Custom sizes available on request

- The Vicair Active cushion is designed with the active user in mind. At 3.9lbs/1.4kg, it's very lightweight, perfect for ultra-light wheelchairs and makes frequent transfers in and out of a vehicle much easier. The Active is a combination of the unique Vicair SmartCell Technology and ergonomically shaped foam.
- The front section is made of durable foam, making transfers easy and stable.
- The rear section has three compartments with air-filled SmartCells which provide comfort and helps prevent pressure ulcers.
- The cover is made of a comfortable fluid proof material and a handy storage pouch for a mobile phone, wallet or other valuables.

Vector 6 (2" high) & Vector 10 (4" high) cushions



- Immersion Providing Thigh Stability
- Integrated Pommel for Medial Thigh Support
- Immersion and Anti-Thrust, Plus Off Loading
- Elevated Side Compartment for Pelvis and Thigh Support

Vector 2" & 4" high sizes

	Size in cm	Size in inches
	25 x 25	10 x 10
	30 x 30	12 x 12
Junior sizes	35 x 35	14 x 14
	35 x 40	14 x 16
	40 x 40	16 x 16
	40 x 45	16 x 18
	43 x 43	17 x 17
	45 x 40	18 x 16
	45 x 45	18 x 18
	40 x 50	16 x 20
	45 x 50	18 x 20
	50 x 45	20 x 18
	50 x 50	20 x 20

A large number of custom sizes are available (upcharges apply).

- The Vector is a perfect cushion for achieving a high level of skin protection in combination with a functionally stable sitting positioning.
- Ideal for clients with more complex positioning needs as the specially designed cushion compartments can provide a custom fit by adding or subtracting SmartCells™. The design promotes proper alignment of the lower extremities through the tapered leg adductors and adjustable leg troughs.
- Appropriate for individuals with various risk factors for the development of pressure ulcers (decreased sensation, inability to perform weight shifts, incontinence, diabetes, poor circulation, etc.)
- Vector 6 is a 2" high cushion for active users or for low seat-to-floor height. Vector 10 is a 4" high cushion for optimal immersion and pressure distribution.

Outer Covers

The Reversible cover replaces *both* the Comfair and Incontinence covers!

The Reversible cover has one **cool breathable side**, and one **"easy to wipe clean" incontinence side**.

Adjuster 6 (2" high) & Adjuster 10 (4" high) cushions



- Ischial Adjustment
- Pre Ischial Bar
- Front Leg Support

Advantages

- High-performance pressure distribution
- Stable positioning
- Individually adjustable
- Ultra-low weight: on average less than 750g/1.8lbs
- Low maintenance
- Safe and reliable in use
- Clinically proven



Adjuster 2" & 4" high sizes

Size in cm	Size in inches
35 x 40	14 x 16
40 x 40	16 x 16
40 x 45	16 x 18
43 x 43	17 x 17
45 x 40	18 x 16
45 x 45	18 x 18
40 x 50	16 x 20
45 x 50	18 x 20
50 x 45	20 x 18
50 x 50	20 x 20

- The Adjuster model offers the possibility to create an individual solution for users with severe functional and/or anatomical body-asymmetry.
- Appropriate for individuals with various risk factors for the development of pressure ulcers (decreased sensation, inability to perform weight shifts, incontinence, diabetes, poor circulation, etc.)
- Appropriate for individuals with positioning needs such as posterior pelvic tilt and pelvic obliquities as the specially designed cushion compartments can provide a custom fit by adding or subtracting SmartCells™.
- Adjuster 6 is a 2" high cushion for active users or for low seat-to-floor height. Adjuster 10 is a 4" high cushion for optimal immersion and pressure distribution.

A large number of custom sizes are available (upcharges apply).

The AllRounder

Experience unlimited freedom - Safely! Don't let the lack of skin protection put you off doing the things you want to do!

The AllRounder enables you to move around safely and comfortably when you're not in your wheelchair: you can get down on the floor to play with your children or even fix the car. You'll stay comfortable while driving, enjoying sports, or pursuing other activities.

Advantages

- Optimal pressure distribution
- Stable positioning
- Ultra-low weight
- Low maintenance
- Easily adjustable
- Safe



The AllRounder comes in just one standard size.

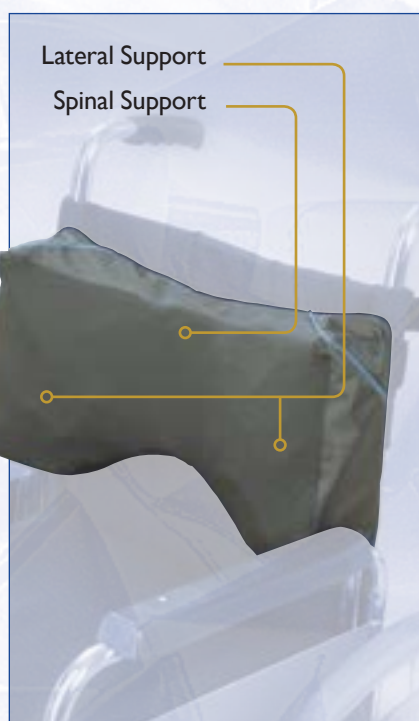


Butterfly Back

The cushion consists of three compartments and is adjustable in cell density. This allows it to conform precisely to the body's contours. The Butterfly's attachment system consists of two adjustable straps designed to go around the back of a wheelchair. This provides stepless adjustment of the height of the Butterfly.

Butterfly Back application

The Vicair® Academy Butterfly even offers the possibility to create an active, relaxed and stable body position on a basic wheelchair.



Active position: Supports the pelvis and lower spinal column: In this position a posterior rotation of the pelvis is avoided; an active seating position is thus more easily achieved and maintained.



Relaxed position: Supports the lower part of the rib cage: The Butterfly can also be used in reverse (cradling the lower rib cage). This improves lateral support and encourages a relaxed seating position.



Stable position: Supports the pelvis, the lower spinal column and the rib cage: Combine two Butterfly Backs — one low and one high. This creates an individually shaped back support, providing comfortable body contact all the way from the pelvis to halfway up the thoracic spinal column.

The Butterfly sizes

Size in cm	Size in inches
40 × 20	16 × 8
45 × 20	18 × 8
50 × 20	20 × 8

Vicair® Reversible Cover

The Reversible cover protects the inner cushion, whichever side you use to sit on

Easy to use!

The cover is delivered with the cool breathable side on the outside. If this is the side you require, then the cover is ready to use. Place the cushion in the cover.

When you require the incontinence side of the cover, please follow these instructions:

- 1 Unzip the top section of the cover completely from the bottom
- 2 Turn top section inside out
- 3 Re-zip the top to the bottom section
- 4 Place cushion in cover

The incontinence side can simply be wiped down to keep clean between washing.



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Ask about our other
Vicair Products



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Available From



Maintenance

The Academy inner cover is protected against accidental urine contamination and can be cleaned with a standard disinfectant or detergent. The reversible can be machine washed at 60 degrees C.

Warranty

Vicair[®] products come with a two year warranty against defects in workmanship and materials. See User Manual for more details.