

VICAIR[®]



INTRODUCING
VECTOR 02
— THE —
**FULLY MACHINE
WASHABLE**

WHEELCHAIR
CUSHION

relief by air

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.



Advantages

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



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.

Customer Feedback

"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

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

-Bengt Engstrom, P.T.

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.

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.

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 changing 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

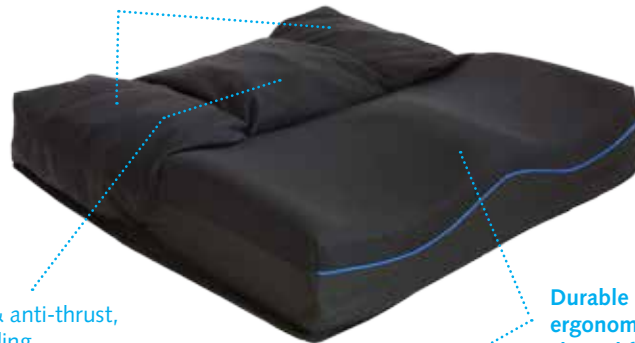
The unique immersion properties of Vicair's SmartCells™ allow the user to immerse into the cushion while also providing stability. This gives users independence when engaged in everyday activities and also provides a stable base for transfers and improved propulsion efficiency.



Active 6 (2" High) & 9 (3.5" High) Cushions

- ▲ 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

Side compartment for pelvis and thigh support



Immersion & anti-thrust, plus off-loading

Durable ergonomically shaped foam



Handy storage pouch

Active 2" & 3.5" High Sizes

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

Custom sizes available on request

Vector O2 6 (2" High) & Vector O2 10 (4" High) Cushions

The Vector O2 solves the hygiene problems caused by incontinence or accidents. Because of the open structure of the cushion and the renewed SmartCells™, the cushion can be entirely put in the washing machine, including the air-filled SmartCells™. This makes the cushion perfect for home or institutional use. It is also perfect to use in situations that require optimal temperature and moisture regulation.

Extra pelvic stability supporting the trochanters

Anatomically contoured seat surface for optimal immersion and functional stability



UNIQUE Positioning of the user and pressure ulcer prevention

Integratedommel for medial thigh support

Extra support and positioning of the upper legs

Vector O2 comes standard with Air Exchange Top Cover & Fluid Proof Reversible Cover

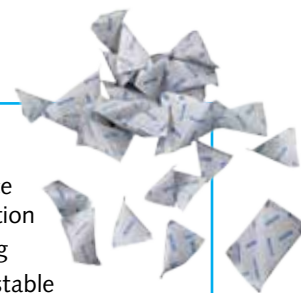
- ▲ The Vector O2 is a perfect cushion for achieving a high level of skin protection in combination with a functionally stable sitting positioning
- ▲ Ideal for clients with more complex positioning needs as the specially designed cushion compartments can provide a custom fit by adding or subtracting 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.)
- ▲ 2" high cushion for active users or for low seat-to-floor height
4" high cushion for optimal immersion and pressure distribution

Vector O2 2" & 4" High Sizes

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

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

Adjuster 6 (2" High) & Adjuster 10 (4" High) Cushions



Advantages

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

Adjuster 2" & 4" High Sizes

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

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

- ▲ 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

The AllRounder

Experience unlimited freedom - safely! Don't let the lack of skin protection put you off from 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.



Academy 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 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.



Butterfly Back Sizes

inches	cm
16 x 8	40 x 20
18 x 8	45 x 20
20 x 8	50 x 20



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 Completely unzip the top section of the cover 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.

VICAIR[®]



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°C.

Warranty

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