

# WHY VICAIR®?

## Ready for Use

Newly designed Comfort Cells are softer and thinner. This new design gives all Vicair® Technology cushions a softer feel and allows the user to immerse into the cushion more than ever before.

## Stable

The unique immersion characteristics of Vicair's Comfort Cells allow the user to immerse into the cushion while also providing stability. This gives users independence when completing every day activities and also provides a stable base for transfers and improved propulsion efficiency.

## Low Maintenance

Vicair® Technology requires little to no maintenance once it is properly adjusted. Adjustments are possible while an individual is sitting on the cushion, resulting in fewer transfers. Vicair® cushions provide the superior pressure re-distribution properties of air without the need for frequent re-inflation and without the possibility of leaks. Air is encapsulated in the Comfort Cells which envelop the seating surface, re-distributing pressure away from the delicate areas of the sacrum, coccyx and ischial tuberosities while also providing relief from shear.

## Light Weight

Vicair® Technology is ultra lightweight with cushions weighing 1.25 to 1.8 pounds enabling the user to keep the overall weight of their mobility system to a minimum.

## Adjustable

Vicair® Technology provides a dynamic seating surface that can be adjusted to accommodate or correct orthopedic deformities such as posterior pelvic tilt and pelvic obliquity. If an individual's positioning needs change over time, it can be addressed through the addition or subtraction of Comfort Cells from the cushion's compartments. If an individual has a flexible orthopedic deformity but cannot tolerate full correction at one time, slow and subtle adjustments are also possible thanks to the unique design of the Comfort Cells and cushion compartments.



\*Add or remove air-filled Comfort Cells as needed

## Vicair® VS. Other Adjustable Medium Skin Protection Seating Surfaces

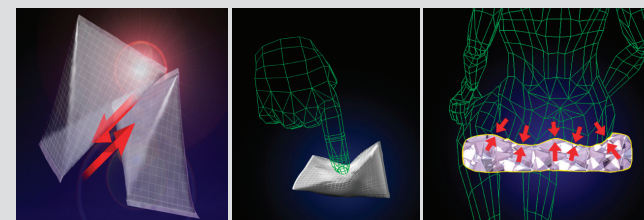
	Vicair®	Roho®	Varilite®	Jay®
<b>Models</b>	Adjuster and Adjuster Low Profile	Quadro High Profile and Low Profile Select	Varilite Evolution	J3 and Deep Contour
<b>Size offering</b>	14" - 24" (Custom sizes available) Low Profile available in limited sizes	12" - 28"	12" - 24"	12" - 24"
<b>Height</b>	3.5" High Profile, 2.5" Low profile	3.5" High Profile, 2.5" Low profile	3.8"	4.1"
<b>Weight</b>	1.8 lbs. High Profile, 1.25 lbs. Low profile (18x16 cushion)	4.4 lbs. High Profile, 3.2 lbs. Low profile (9x9 cushion)	2.5 lbs.	4.9 lbs. fluid insert, 3.1 lbs. with air insert
<b>Pressure Mapping</b>	**See independent pressure mapping at <a href="http://www.comfortcompany.com/vicair">www.comfortcompany.com/vicair</a>	**See independent pressure mapping at <a href="http://www.comfortcompany.com/vicair">www.comfortcompany.com/vicair</a>	**See independent pressure mapping at <a href="http://www.comfortcompany.com/vicair">www.comfortcompany.com/vicair</a>	**See independent pressure mapping at <a href="http://www.comfortcompany.com/vicair">www.comfortcompany.com/vicair</a>
<b>Initial Adjustments</b>	Vicair cushions are ready for use. For additional adjustments unzip cover and add/remove comfort cells as needed	Use separate air pump and pump cushion to desired level	Cushion must be inflated to desired level upon receiving	Insert either gel pack or Roho air bladder. Air bladder must be pumped to desired level
<b>Maintenance</b>	No maintenance after initial adjustment. Recommended to check once every three months	Air pressure must be monitored daily	Cushion must be checked daily and once a week cushion must be fully inflated	Both air bladder and gel substance must be checked on a regular basis.
<b>Stability</b>	Very stable cushion, user immerses into comfort cells which provide stability and positioning	Minimal positioning qualities	Minimal positioning qualities	Foam base provides stability
<b>Cover</b>	Available with two different fabric types, Comfort-Tek (easily cleaned and high stretch) or Stretch-Air (high stretch and breathable). Comes standard with incontinent inner liner	Standard Lycra top cover	2 cover options: incontinent or mesh	3 cover options: Stretch, Incontinent-resistant, Microclimatic 3DX™ Spacer Fabric

\*Information gathered from publicly available resources.

# VICAIR® CONCEPT

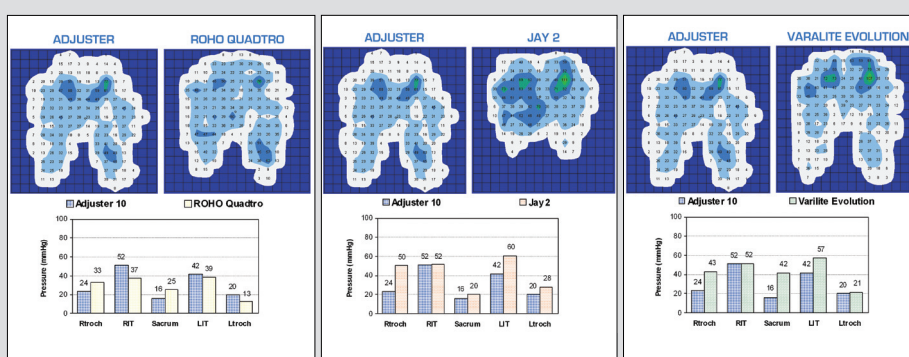
"Vicair® Technology was developed to provide the superior pressure re-distribution quality of air with custom positioning capabilities on a stable seating surface with little to no maintenance for the user or caregiver. This is accomplished by the interaction of individual air cells called "Comfort Cells" divided into specially designed compartments in the cushion shell. To optimize pressure re-distribution, envelopment in the support medium and positioning options, Comfort Cells are added or removed from each compartment. Cushions designed with Vicair® Technology provide unique solutions for the individual with simple to complex pressure and positioning needs."

## NEWLY DESIGNED COMFORT CELLS



- Newly designed Comfort Cells are softer and thinner. This new design gives all Vicair® Technology cushions a softer feel and allows the user to immerse into the cushion more than ever before.
- Comfort Cells are slightly compressed and slide against each other under the weight of an individual. This creates Contour, Envelopment and Pressure Redistribution.
- Comfort Cells are held in specially designed compartments, they do not migrate thus providing Functional Stability.

## PRESSURE MAPPING



Pressure maps better than or comparable to Roho®, Jay®, and Varilite® cushions

### VICAIR PRESSURE MAPPING STUDY

Prepared by Alan Siekman, Central Coast Testing

### CUSHIONS TESTED

Comfort Company Adjuster, Comfort Company Vector, Roho High Profile Quadro Select, Jay 2 Deep Contour, Jay 2, and Varilite Evolution

For complete Pressure Mapping study visit: [www.comfortcompany.com/vicair](http://www.comfortcompany.com/vicair)

# PRODUCTS



## VECTOR

MEDICARE CODE K0736/K0737

- Appropriate for individuals with a current or history of pressure ulcers to the skin in contact with the seating surface.
- 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.)
- Ideal for clients with more complex positioning needs as the specially designed cushion compartments can provide a custom fit by adding or subtracting Comfort Cells. The design promotes proper alignment of the lower extremities through the tapered leg adductors and adjustable leg troughs.

- Weight: 1.25 - 1.8 lbs. (may vary depending on cushion size)

## ADJUSTER

MEDICARE CODE K0734/K0735

- 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 Comfort Cells.

- 3.5" or 2.5" height.

- Weight: 1.25 - 1.8 lbs. (may vary depending on cushion size)

### VECTOR

10x10	18x16	22x16
12x12	18x18	22x18
14x14	18x20	22x20
14x16	20x16	24x16
16x16	20x18	24x18
16x18	20x20	24x20
16x20		

### ADJUSTER SIZES

14x14	18x16*	22x16
14x16	18x18*	22x18
16x16*	18x20*	22x20
16x18*	20x16	24x16
16x20	20x18*	24x18
	20x20	24x20

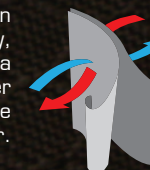
\*Low Profile sizes available

\*Custom sizes available upon request.

# COVERS

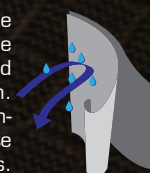
## STRETCH-AIR FABRIC

Designed for air transmission and heat reduction. This two-ply, breathable laminate combines a high-stretch polyester top layer with a water proof, breathable vapor barrier.



## COMFORT-TEK

Fluid proof exterior has supple leathery properties that provide an easily cleaned surface and protection for the inner cushion. Comfort-Tek has multidimensional stretch and helps alleviate pressure on bony prominences.



Reticulating foam is sewn to the inside of the Vicair outer cover to create a uniform plush feel for the user. Reticulating foam is a durable foam that is not affected by fluids or laundering.

# 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 competitors 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 w/ 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



# ASK VICTOR

INTERVIEW WITH VICTOR KONOVALOV  
5 x National Champion, IFBB Pro Bodybuilder

Can you tell us a little bit about yourself and how you ended up in a wheelchair?

In 1983, I was involved in a **motocross accident which paralyzed me**. Since my injury/accident, I pursued my college education and completed my B.S. in finance, and a M.Ed. in education along with two teaching credentials. I have worked in the areas of finance and teaching. In addition, I discovered a **passion for weight training/bodybuilding** and have been **successful with winning an unprecedented five National titles and being honored with professional status in bodybuilding**. I truly believe that good health will improve the quality of one's life.

How/when did you first hear about the Vicair® Cushion?

It was around the year **2007** when I was **first introduced to the Vicair® line of cushions**. I wasn't exactly sure how it would work for me but I did know that I needed to find a cushion that could meet my needs.

What problems had you been dealing with before you started using your Vicair® cushion? What cushion/cushions were you using at this time?

I **developed a pressure ulcer on my buttocks** which eventually evolved into a **stage four wound**. At the time I developed the pressure sore I was sitting on a number of different cushions, these **included a Roho and a Jay Cushion**.

Did you have to adjust your Vicair® cushion before you started using it? Have you made adjustments since?

When I first received the cushion I made a couple minor adjustments and since then I have not had to make any adjustments whatsoever. The fact that the **Vicair® cushions are extremely adjustable to conform** to one's needs simply makes this design feature **very practical with the utility needed to aid in the healing of a wound**.

How long have you been using the Vicair® cushion and have you had any issues or problems with it?

**I've had a Vicair® cushion for several years now, and have not experienced any problems with it.**

In your mind, what are the biggest advantages of the Vicair® cushion vs other adjustable medium cushions? Specifically, what other cushions had you tried and what problems did you have with them?

**The adjustability with the Vicair® cushion is a tremendous feature**. Also, it's very durable, lightweight, and easy to keep clean. I've tried various Roho designs prior to the Vicair, but found that the Roho wasn't healing my wound. Also, the Roho has a tendency to make me sweat because of its non-porous design. Some other issues I had with it were it loses desired pressure, easily punctures, and doesn't provide the stability that I needed.



"The **cushion provides great stability** which helps eliminate any shearing action. This stability provides a greater sense of security. The cushion has an **infinite amount of adjustment simply by adding or removing the air cells**.

The cushion provides a massaging action through movement of the air cells. The cushion is **lightweight, extremely durable even in the most demanding situations** i.e., weight training."

Victor Konovalov  
5 x National Champion,  
IFBB Pro Bodybuilder

 **THE COMFORT COMPANY**  
*Quietly making lives more comfortable.*

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# VICAIR®

## THE FUTURE OF AIR

Ready for Use - Stable - Adjustable  
Low Maintenance - Lightweight



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*Quietly making lives more comfortable.*

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