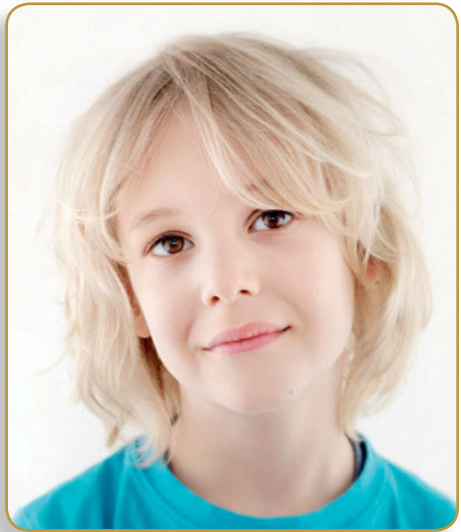
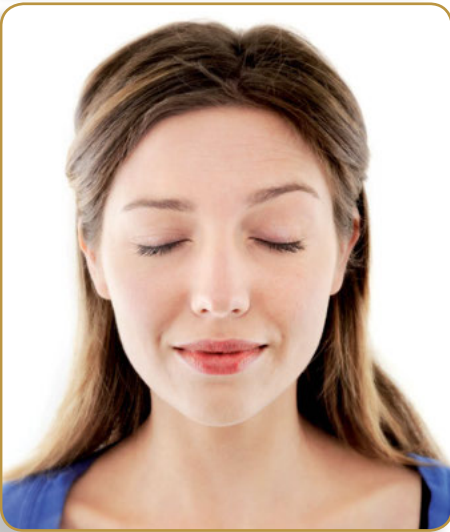
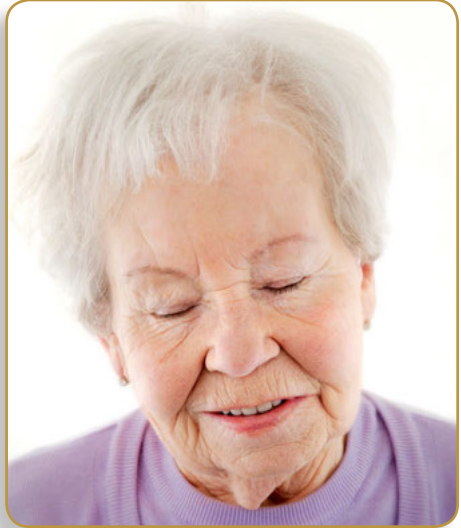


# VICAIR®



PRODUCT OVERVIEW

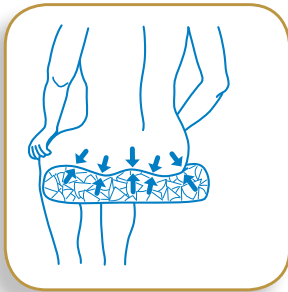
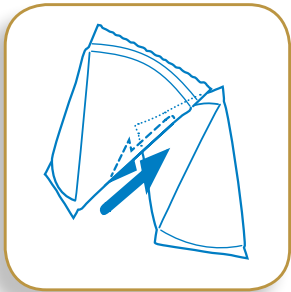
## relief by air

## Vicair... relief by air

Everyone deserves to live a carefree life. Even when you are physically disabled.

Vicair offers 'relief by air': ultimate distribution of pressure, stable positioning, comfort and, above all, a simple and reliable solution.

### The Vicair principle



The Vicair principle is based upon the unique Vicair technology. It offers the user the unique combination of high performance pressure distribution and optimal positioning. The Vicair technology is developed in cooperation with the Amsterdam Rehabilitation Centre. It was awarded with the Grand Prix at the 'Salon des Inventions' in Geneva, Switzerland.

Each Vicair cushion is filled with hundreds of air-filled SmartCells™. These flexible cells have a low friction level when in contact with each other. This allows them to constantly adapt and conform to the body's contours, creating excellent pressure relief. The cells are placed in strategically placed compartments, providing stability, optimal positioning and balance for every user.

The Vicair cushion is always ready for use. Safe, durable and maintenance free.

**VICAIR**<sup>®</sup>  
the best in body support

## Liberty... Comfort, the lightweight version

Extremely lightweight, waterproof and low maintenance. And more importantly, comfortable and pressure relieving. That is what the Vicair Liberty cushions offer. Easy to use and comfortably adapting to the body's contours. A perfect occasional use solution, when suffering from (for instance) osteoarthritis/arthritis, rheumatism, spondylitis and mobility problems. Often used in a geriatric environment.

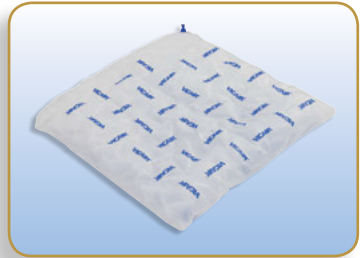
The Vicair Liberty cushions show many large advantages during their use.

- *Easy to use, even at initial use*
- *Weighs less than 700 grams*
- *Protection against pressure ulcers*
- *Lightweight, easy in transport*
- *Good personal support, great comfort*
- *Low maintenance and – unlike foam based cushions - waterproof*
- *Durable*
- *Unique Dutch technology, successfully applied all over the world*

### Liberty PT

A simple solution for optimal result

- Comfortable
- An even pressure distribution
- A general use cushion, ready for use
- Occasional use
- Maximum user weight 150 kg
- Can be used on a sling seat



### Liberty PPS

Supports positioning

- Liberty PT combined with a Pelvic Stabilizer
- Prevents sliding forward
- Offers comfort and stability
- Improves the contour of a sling seat



### Liberty TC

Toilet seat comfort

- Toilet seat cushion
- Easily strapped on to the toilet seat
- Comfortable and reliable
- Easy to clean and disinfect



## Academy seat cushions: an individual and carefree solution



- 1. Superior pressure distribution**
- 2. Optimal positioning**
- 3. Easiest to use**

Vicair Academy seat cushions offer a solution in every situation. They are used with persistent relapsing pressure ulcers, when creating comfort is the goal, for mobility improvement, for symmetric and asymmetric shaped bodies or when simply a reliable low-maintenance cushion is needed.

- *Unique combination of superior pressure distribution & optimal positioning*
- *A solution for wheelchair users with a high risk of developing pressure ulcers*
- *High performance addition to a pressure ulcer treatment plan*
- *Stable body support*
- *Design prevents sliding forward*
- *No deflation*
- *Reliable*
- *Safe to use*
- *No daily or weekly checks necessary*
- *Lightweight*
- *Easy in transport*
- *Easy to clean*
- *Maximum user weight of 250 kg (Academy XXtra can even hold up to 500 kg)*
- *Unique Dutch technology, successfully applied worldwide, clinically proven*

## Academy Active

### For the active wheelchair user

Active wheelchair users make full use of their wheelchairs in their everyday life. They also frequently transfer in and out of their wheelchair. To them, a wheelchair cushion has to provide comfort and stability, it has to prevent them from developing pressure ulcers, and all of this at the lowest weight possible...

#### Foam and Air

Vicair's solution is the Academy Active. This wheelchair cushion is a combination of the unique Vicair technology and ergonomically-shaped foam. The Academy Active weighs only 1400 grams.

**Foam:** The front of the Active is made of ergonomically-shaped foam. The foam enables the user to make an easier transfer and provides a great sense of stability.

**Air:** The cushion's back side has three compartments with air-filled SmartCells. This part of the cushion provides comfort while sitting and helps to prevent pressure ulcers. It is also a great addition to a pressure ulcer treatment plan.

#### Cover

The cover is made from a comfortable, watertight material. It also includes a storage pouch for keys, a wallet or a mobile phone.

- Easy transfers in and out of the wheelchair
- Offers comfort and pressure relief
- Combines ergonomically pre-formed foam and air-filled SmartCells™
- Low weight
- Handy storage pouch
- Machine washable at 60 °C
- Used with e.g. Spinal Cord injuries
- Available in 6 cm/2.5 inch and 9 cm/3.5 inch height



## Academy Adjuster

### Perfect support for the asymmetric body

- Fit for asymmetry, even the extreme kind
- Optimal support, improves the posture
- Unique design, compartments adjustable for comfort while sitting and stable positioning
- Used with e.g. hemiplegia (CVA), amputations, foot propulsion and Spina Bifida



## Academy Vector

### Anatomically contoured seat surface for optimal stability

- Extra pelvic stability, because of lateral thigh support
- Anatomically contoured seat surface for optimal immersion and functional stability
- Comfortable and offloading pressure
- Larger reach of the upper body, provided by stability
- Extra support for and positioning of the upper leg
- Used with e.g. A.L.S., MS (Multiple Sclerosis), paraplegia and spasms



## Academy Positioner

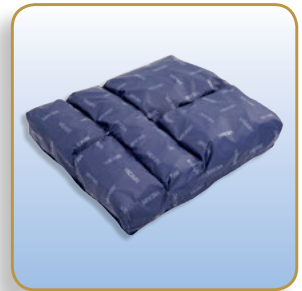
### When lateral stability is needed

- Extra pelvic stability, because of lateral thigh support
- Larger reach of the upper body, provided by stability
- High performance addition to a decubitus treatment plan
- Used with e.g. A.L.S., MS (Multiple Sclerosis), paraplegia and spasms



## Academy Multifunctional

- Fit for use in tilting wheelchairs with adjustable seat depth
- Fit for asymmetry
- Adjuster design, with deeper compartments at the back
- Standard available in 8 centimeter height



## Academy AllRounder

### Ultimate freedom for the active user

- Offers skin protection when you are out of your wheelchair
- Easily buckled on to your body
- Unique in its kind
- One size fits all
- Use with sportive activities or to sit in a normal chair.
- Used with e.g. paraplegia and for mentally disabled persons who sit and play on the floor and shove around



## Academy Junior Vector

- With the unique Vector features
- Especially designed for children
- Filled with small sized SmartCells, for optimal pressure distribution
- Offers optimal stability and comfort
- Safe, reliable, easy to maintain and easily transportable
- For children with e.g. muscle disorders and spasms



## Academy XXtra

### Care for all sizes

- With all Academy Adjuster features
- Large sizes
- Maximum user weight 500 kg
- Safe, stable and durable
- Lightweight, easy in use



## Academy Centre Relief

### Offloading pressure in the high risk area

- Completely offloading the pelvic area
- Safe and stable, like all Vicair cushions
- Sit comfortably in the most painful situations
- Used e.g. following procedures such as perianal surgery, difficult childbirth, tailbone problems and localized deep pressure ulcers



## **Vicair back systems: Every day unlimited support and great comfort**

Ultimate freedom of movement starts with an individual solution. Each Vicair® back system has unique features, to offer a solution to each individual. We have back systems for the active user, elderly persons in need of a high level of support or a growing child.

### **Liberty back system**

A small adjustment results in optimal support

- Changes the wheelchair's back from standard into comfortable
- Follows and gently supports the spinal cord
- Easily installed strap back
- The wheelchair can still be folded, easy for transport
- Lightweight
- Used with e.g. scoliosis or kyphosis



### **Academy Anatomic Back**

Adequate positioning and excellent support

- Universal back system, individually adjustable
- Adjustable strap back
- Follows asymmetric body contours
- Lightweight
- Safe and stable
- Comfortable
- Used with e.g. Kyphosis/scoliosis, A.L.S., MS, Spinal cord injuries



### **Academy Multifunctional back**

- Fit for use in tilting wheelchairs with adjustable seat depth
- Easily installed
- Can be used to replace an orthosis
- Safe and stable
- Excellent pressure distribution
- 8 compartments, individually adjustable
- Lightweight
- Used with e.g. MS (Multiple Sclerosis), A.L.S., rheumatism, quadriplegia, in a geriatric environment and for pain relief





## Academy mattresses: immediate relief

Pain relief, unrest reduction, recovery stimulation.... just some examples of the immediate relief offered by the Academy Mattress 415. The mattress provides optimal pressure distribution and much comfort. The Academy Mattress 415 is suitable for the prevention and curing of decubitus. All of this without the nuisance of motor noise in the background. No motor needed!

### Academy Mattress 415

#### Immediate relief

- The unique filling reduces shear forces
- Optimal pressure distribution
- Pain relief
- Comfortable and stable
- No motor needed: no noise!
- 36 compartments, weight 10 kg
- Maximum user weight 250 kg
- Used with e.g. rheumatism, burn victims, cancer, terminal illness, spasms, pressure ulcers, kyphosis and pain management



# Maintenance and cleaning

**Caution:** Do not steam, clean or autoclave the cushion. The cushion cannot withstand excessive heat or pressure. When the given cleaning instructions are not followed, it is very likely that the cushion and/or cover will age more rapidly.

## Checking for wear and deflated cells

Every three months, check the cushion for wear and deflated cells. In case of serious damage, or a large number of deflated cells, do not continue to use the cushion. Consult your dealer.

## Cleaning the inner cushion

- Do not immerse the inner cushion in water or any other liquid.
- Do not use aggressive or abrasive cleaners, or sharp objects to clean the inner cushion.
- Treat light stains by wiping the inner cushion with a damp cloth with mild detergent.
- Difficult spots can be cleaned by first saturating the spot and use a soft brush to loosen the dirt, or by machine washing the emptied inner cover at 60°C.
- If it is necessary to remove the SmartCells for cleaning, note the number of cells in each compartment.

## Cleaning the outer cover

- Do not dry clean
- Normal wash cycle
- Do not bleach
- Tumble dry low temperature
- Do not iron



## Disinfecting the cushion

In case of soiling with body fluids, and when transferring the cushion to another user, the cushion must be disinfected to avoid cross contamination.

- Clean the inner cushion and the outer cover as described above. When washing the outer cover, preferably use an anti-bacterial agent.
- Spray disinfectant on the outer cover and the inner cushion. Bend the compartments outwards to make sure that the spray mist gets into the gaps.

## Warranty

Vicair offers a limited warranty against defects in workmanship and materials, provided the product has been used normally. Any damage arising from abnormal use, or caused by improper handling, cleaning, or negligence, is excluded from this warranty.

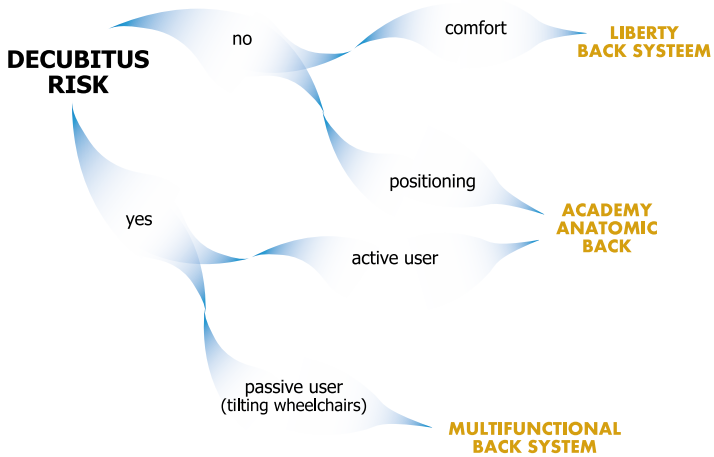
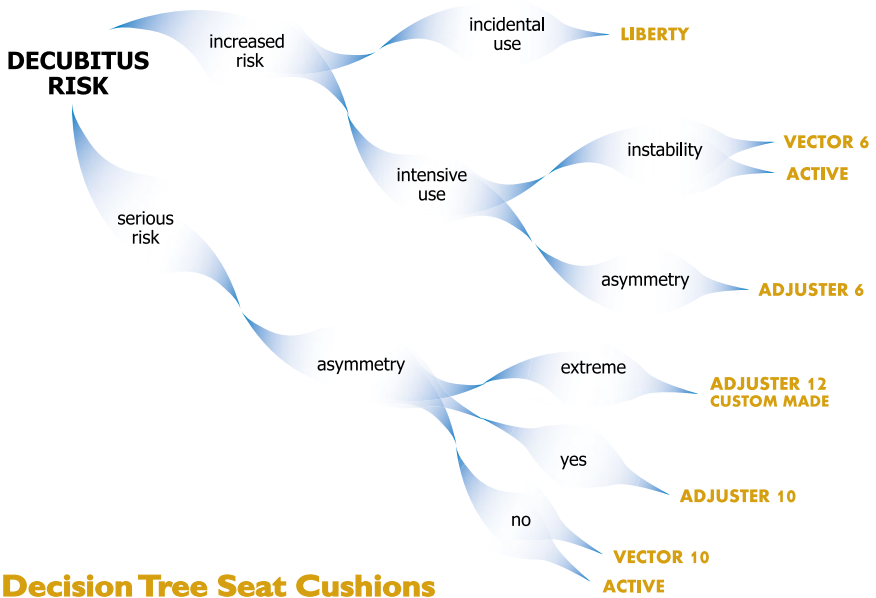
## Warranty period

From original date of purchase:

Academy seat cushions: 24 months.

Academy back cushions: 24 months.

Academy mattresses: 60 months.



**VICAIR**<sup>®</sup>  
the best in body support

**Any questions?**

Visit **[www.vicair.com](http://www.vicair.com)** for contact details and the Vicair Live-chat.

Or contact your Vicair distributor.