



# 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.

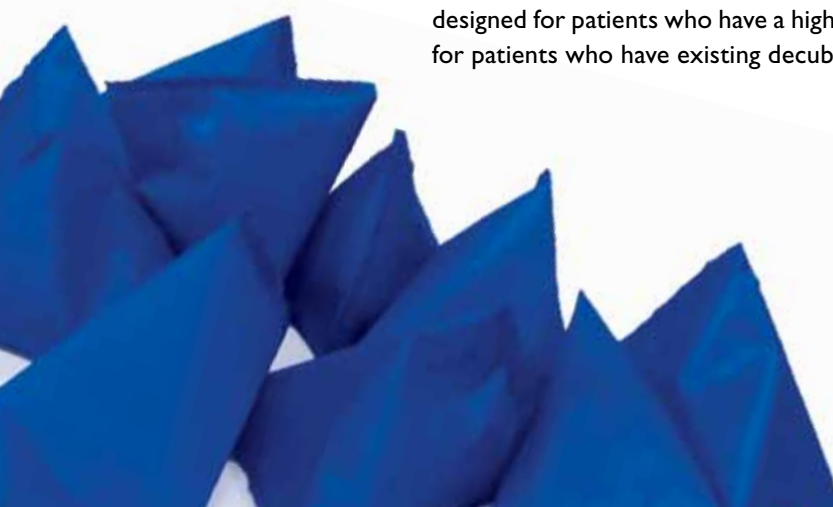
The specially designed compartments in the mattress or inlay shell are filled with hundreds of Vicair's innovative individual air cells, called 'SmartCells'. These SmartCells™ have low surface friction, which allows them to move easily against each other and to conform precisely to the body's contours. 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® products a softer feel and allows the user to immerse into the surface 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.

## **ACADEMY MATTRESS 415 AND INLAY APPLICATIONS**

The Vicair® Academy replacement mattress 415 and mattress inlay are designed for patients who have a highly increased risk of decubitus, and for patients who have existing decubitus stage 1, 2, 3 and 4.





## ACADEMY MATTRESS 415 FEATURES & ADVANTAGES

- **Clinically Proven.** High performance pressure distribution for stage I-IV decubitus ulcers.
- **Easy to set up.** Cells may be removed or added easily for proper immersion where necessary.
- **Cost effective.** Full Mattress protection at a much lower cost than many alternatives.
- **Reduces sheer** due to the dynamic nature of cells and cover in high risk areas.
- **Promotes Immersion and Envelopment.** Loose fitting, fluid-proof cover encourages immersion and envelopment.
- **Reduces heat and moisture.** The dynamic nature of the air cells and fabrics promotes air exchange.
- **Fluid proof cover.** Easy to wipe clean and machine washable. Protects inner cover and cells.
- **Versatile.** Can be used on any type of bed frame.
- **Low maintenance**
- **Non powered**
- **Light weight and portable.** Weighs 22lbs/10kg and comes with handles for transport or evacuation.
- **Provides superior heel management.** Extra support under the calves suspends heels for reduced contact.
- **Bed sheets** can be attached loosely to the double rings on the corners of the mattress to prevent “hammocking”.
- **CPR can be performed** on a patient on the mattress without the use of a board.
- **Custom Sizes Available.** Call for details.
- **User Weight Limit** 1320lbs/600kg

EASY TO SET UP WHEN MORE OR LESS IMMERSION IS REQUIRED



REDUCES SHEER WHEN SITTING



HEEL PRESSURE MANAGEMENT



FOAM BOTTOM LAYER



EASILY ADD OR REMOVE CELLS TO SETUP





## ACADEMY MATTRESS 415 INLAY FEATURES & ADVANTAGES

- **Fits commercially available mattresses** such as Vitacare V4 mattress or levelling pads.
- **Clinically Proven** High-performance pressure distribution for stage I-IV decubitus ulcers.
- **Easy to set up.** Cells may be removed or added easily for proper immersion where necessary
- **Promotes Immersion and Envelopment.** Loose fitting, fluid-proof cover encourages immersion and envelopment.
- **Reduces heat and moisture.** The dynamic nature of the air cells and fabrics promotes air exchange.
- **Fluid-proof cover.** Easy to wipe clean and machine washable. Protects inner cover and cells
- **Cost effective.** Position one or more Vicair Inlays where client requires superior skin protection
- **Reduces sheer** with dynamic nature of cells & cover
- **Provides Heel Management.** Position Inlay in heel area to reduce pressure.
- **Light weight and portable** at 4lbs/1.8kg
- **Low maintenance**
- **Non powered**
- **User Weight Limit** 550lbs/250kg

USE ONE OR MORE INLAYS WHERE REQUIRED



POSITION INLAY IN HIGH-RISK AREAS



HEEL PRESSURE MANAGEMENT



EASILY ADD OR REMOVE CELLS TO SETUP



Bed shown in Brochure;  
**Dana Douglas**  
**LC600 Floorline Bed**  
 True floor level bed...  
 No falls, no restraints, no lifts.

For more information,  
 visit [www.danadouglas.com](http://www.danadouglas.com)



PRODUCT	SIZE	USERWEIGHT	PRODUCTWEIGHT
<b>Mattress</b>	36 x 80"	1320lbs	22lbs
	90 x 200cm	600kg	10kg
<b>Inlay</b>	36 x 19 x 3"	550lbs	4lbs
	90 x 48 x 8cm	250kg	1.8kg

### WARRANTY

The Vicair Mattress and Mattress Inlay come with a two year warranty against defects in workmanship and materials. See user manual for details.

### AVAILABLE FROM:



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