

USER MANUAL



VICAIR®

4



relief by air

Dear customer,

Thank you for choosing a Vicair® product. We are convinced you will appreciate the the cushion's ease of use, reliability and efficiency. For quick installation you can use the Quick Installation Guide provided with your cushion. In addition, please read and understand this user manual before use. Save both the Quick Installation Guide and this manual for future reference.

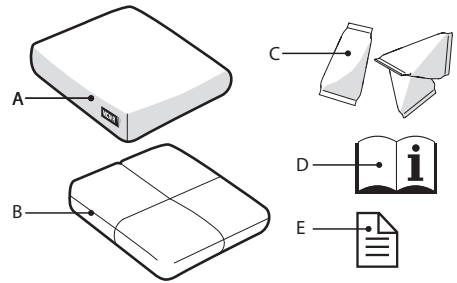
For more information or to (re)order a printed version of this manual, contact Vicair or your country's distributor.

Our contact information is on the back of this manual. Go to vicair.com for distributor information.

INTRODUCTION

The Vicair 4 is a multi-purpose seat cushion that provides a high level of skin protection for wheelchair users at risk of developing pressure ulcers. It is used to provide comfort, stable body support, to improve body-posture and to help prevent pressure ulcers. The Vicair 4 can be used in addition to a pressure ulcer treatment plan (category I-IV). The Vicair 4 cushion is machine washable!

MAIN COMPONENTS



- A. Cushion cover
- B. Cushion
- C. SmartCells™, placed in 4 compartments
- D. User manual (online document)
- E. Quick Installation Guide

GENERAL PRODUCT SPECIFICATIONS

Product name:	Vicair 4
Manufactured by:	Vicair B.V., The Netherlands
Warranty:	24 months
Used materials:	All latex free
Weight (excl. cover):	Smallest size: 0,5 kg / 1.1 lbs Medium size: 0,8 kg / 1.8 lbs Largest size: 1 kg / 2.2 lbs
Available sizes:	See the grid in the back of the manual (table 1).
Cushion:	Made of polyester fabric with polyurethane coating
Filling:	Air-filled SmartCells with low friction coating
Top Cover	Top: Knitted Polyester fabric. Bottom rim:
Comfair:	Polyester fabric with polyurethane anti-slip coating.

Alternative cushion cover

Top Cover Incotec: Top: Knitted Polyester fabric, coated with fluid resistant breathable polyurethane. Bottom rim: Polyester fabric with polyurethane anti-slip coating.

All covers: Machine washable. Covers comply with EN1021-1, 1021-2 and CAL117.

PRECAUTIONS AND SAFETY INSTRUCTIONS

Vicair B.V. cannot be held responsible for damage caused by misuse, improper use or negligence. Make sure that you read and understand this manual completely.

Warning! Vicair B.V. recommends to install the Vicair 4 under direct supervision of a therapist or Assistive Technology Professional.

Warning! Always use cushion with cover.

Warning! Your tailbone and pelvic bones should not touch the bottom of the cushion. Touching the bottom of the cushion with a bony prominence is called “bottoming out”. Checking for bottoming out should be done during first use and thereafter on a regular basis, at least every three months. In case of bottoming out do not continue to use the product. Consult your therapist or Assistive Technology Professional.

Warning! Check your skin regularly for redness, especially during the first few days of using this product. If redness occurs and does not disappear after 15 minutes, consult your therapist or Assistive Technology Professional.

Warning! No testing data is currently available about the safe use of Vicair cushions in motor vehicles. Therefore we do not encourage using the cushion in motor vehicles.

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

Warning! Every three months check the product for wear and tear, in addition to the regular check for bottoming out. In case of serious damage and/or bottoming out, do not continue to use the product. Consult your therapist or Assistive Technology Professional.

Caution! Do not use or leave the product close to a naked flame or a high temperature heat source.

Caution! Do not steam clean or autoclave the product. The product cannot withstand excessive heat (over 60°C) or pressure. When the given cleaning instructions are not followed, it is very likely that the live expectancy of the product and/or the product’s cover will decrease.

Caution! Do not use aggressive or abrasive cleaners, or sharp objects to clean the cushion.

Caution! Do not place the Vicair 4 cushion against the glass of the washer door.

Caution! Make sure the cushion does not make contact with the wheelchair spokes.

INSTALLATION

Warning! Vicair B.V. recommends to install the Vicair 4 under direct supervision of a therapist or Assistive Technology Professional.

Warning! Always use cushion with cover.

Caution! Make sure the cushion does not make contact with the wheelchair spokes.

Notice! Make sure the wheelchair seat base the cushion is placed on is clean and free of grease, to prevent sliding.

Perform the following steps when using the Top Cover Comfair or Incotec:

These steps correspond to the installation images 1 – 5 on the Quick Installation Guide:

- Check cushion size. Width (X) and depth (Y) of the cushion and wheelchair seat should match. Small deviations are allowed, for

more information please see table 2.1 and 2.2 in the back of the manual.

- Check if the size of the cover matches the size of the cushion. The colour code label on cushion and cover should match (see table 1 in the back of the manual).
- Place the Top Cover over the cushion.
- Place the cushion on the wheelchair seat base.
- Sit on the cushion for a few minutes, to allow the cushion to adapt to your body shape.
- If necessary, adjust wheelchair foot supports(s) and arm support(s).

Checking for “bottoming out”

Image 6 - Quick Installation Guide

Warning! Your tailbone and pelvic bones should not touch the bottom of the cushion. Touching the bottom of the cushion with a bony prominence is called “bottoming out”. Checking for bottoming out should be done during first use and thereafter on a regular basis, at least every three months. In case of bottoming out do not continue to use the product. Consult your therapist or Assistive Technology Professional.

- Check for bottoming out, after sitting on the cushion for approximately 5 minutes.
- Let your therapist, Assistive Technology Professionair or caregiver slide a hand between the lowest bony prominence and the Vicair cushion while leaning forward.
- Ask your therapist, Assistive Technology Professional or caregiver to check if your lowest bony prominences are supported by at least 2,5 cm / 1” of SmartCells™. This prevents them from touching the wheelchair seat base.
- Do not use the cushion if bottoming out occurs. Consult your therapist or Assistive Technology Professional.

USE

Checking for redness of the skin

Image 7 - Quick Installation Guide

Warning! Check your skin regularly for redness, especially during the first few days of using this product. If redness occurs and does not disappear after 15 minutes, consult your therapist or Assistive Technology Professional.

Conditions for use and storage

Warning! Always use cushion with cover.

Caution! Do not use or leave the product close to a naked flame or a high temperature heat source.

- **User weight:**
Maximum: 250 kg / 551 lbs
- **Temperature:**
Minimum: -20 °C / 4 °F, maximum: 55 °C / 131 °F
- **Use at high altitude**
Notice! Vicair B.V. recommends not to use the cushion above 2400 m (8000 ft) above sea level or below 50 m (164 ft) below sea level. Because each SmartCell is filled with air, the cushion may behave differently when used at high altitude or in an airplane.
- **Air humidity:**
Minimum: 0%, maximum 100%

Ready for use

This Vicair product is ready for use out of the box. It has its own unique filling grade, depending on size and model and automatically manages small pelvic obliquities.

Daily shake up

Vicair B.V. recommends to shake up your Vicair cushion before use on a daily basis.

Use of Vicair seat cushions in motor vehicles

Warning! No testing data is currently available about the safe use of Vicair cushions in motor

vehicles. Therefore we do not encourage using the cushion in motor vehicles. As an alternative for your Vicair cushion, the Vicair AllRounder O2 (which can be fastened to the user's body) can be used if you require additional protection during transportation.

Re-use - Transferring the product to another user

The product is suitable for repeated use. The number of times it can be used depends on how often and in which way the product is used. The product has to be thoroughly cleaned and disinfected, before another person is allowed to use it. See chapter 'Maintenance and cleaning' for instructions. The cushion will automatically adapt to the body contours of the new user.

Replacing the cushion cover

Under normal use, Vicair B.V. recommends to replace the cushion cover every year. Replacement covers can be purchased separately.

Disposal

The disposal and recycling of used devices and packaging must comply with the applicable legal regulation. Ensure the product is cleaned prior to disposal to avoid any risk of contamination.

MAINTENANCE AND CLEANING

Warning! Every three months check the product for wear and tear, in addition to the regular check for bottoming out. In case of serious damage and/or bottoming out, do not continue to use the product. Consult your therapist or Assistive Technology Professional.

Caution! Do not steam clean or autoclave the product. It cannot withstand excessive heat (over 60°C) or pressure. When the given

cleaning instructions are not followed, it is very likely that the live expectancy of the product and/or the product's cover will decrease.

Caution! Do not use aggressive or abrasive cleaners, or sharp objects to clean the cushion.

Caution! Do not place the Vicair 4 cushion against the glass of the washer door.

Cleaning the Vicair 4

• Cleaning the Vicair 4 cushion cover

The cushion cover can be machine washed. Follow the washing instructions on the label attached to the inside of the cover.
(60 °C = 140 °F)



• Cleaning the Vicair 4 cushion

Your Vicair 4 cushion can be machine washed at maximum 60°C / 140 °F using an anti-crease cycle and mild detergent. Make sure the cushion is not placed against the glass of the washer door. Do not load the machine with more than half of its maximum load weight. Spin speed should be reduced. When using a machine with agitator, make sure that the cushion can move freely within the drum. Do not use any chlorine bleach and do not dry clean! Do not tumble dry your Vicair 4 cushion but let it air dry (5-6 hours). You can use the sling to hang dry your Vicair 4 cushion.



Disinfecting your Vicair 4

Warning! In case of soiling with body fluids, and when transferring the product to another user, the product must be disinfected to avoid cross contamination. Clean the cushion and cover as

instructed above. Preferably use an antibacterial detergent. After washing spray your cushion and cover with a disinfectant. Bend compartments outwards to make sure the spray gets into the gaps.

WARRANTY

Please see vicair.com for complete information on warranty processes, terms and conditions. Vicair B.V. 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: 24 months.

Should a defect in materials or workmanship occur within the above mentioned warranty period, Vicair B.V. will – at its own choice – repair or replace the product free of charge. The cushion cover is excluded from this warranty. Remedies for breach of express warranties herein are limited to repair or replacement of the product.

In no event shall damages for breach of any warranty include any consequential damages or exceed the cost of non-conforming goods sold.

Vicair 4 size information

Thickness Vicair 4 = 8 cm / 3¼"

Table 1

Available Vicair 4 sizes		
width × depth		label colour
CM	INCHES	
40 × 40	16 × 16	Blue
43 × 43	17 × 17	Yellow
45 × 45	18 × 18	Red
48 × 48	19 × 19	Green
50 × 50	20 × 20	Orange

Additional size information

Cushion size and wheelchair seat dimensions may deviate slightly.

Check table 2.1 and 2.2 below for more information.

Table 2.1

Wheelchair seat width			Vicair 4	
width is between			required cushion size	
CM	INCHES		CM	INCHES
36-42	14½-16¾	➡	40 × 40	16 × 16
39-45	15½-18	➡	43 × 43	17 × 17
41-47	16½-18¾	➡	45 × 45	18 × 18
44-50	17½-20	➡	48 × 48	19 × 19
46-52	18½-20¾	➡	50 × 50	20 × 20

Table 2.2

Wheelchair seat depth			Vicair 4	
depth is between			required cushion size	
CM	INCHES		CM	INCHES
40-42	16-16¾	➡	40 × 40	16 × 16
43-45	17-18	➡	43 × 43	17 × 17
45-47	18-18¾	➡	45 × 45	18 × 18
48-50	19-20	➡	48 × 48	19 × 19
50-52	20-20¾	➡	50 × 50	20 × 20