



USER MANUAL



VICAIR[®]

CENTRE RELIEF 02



relief by air



Dear customer,

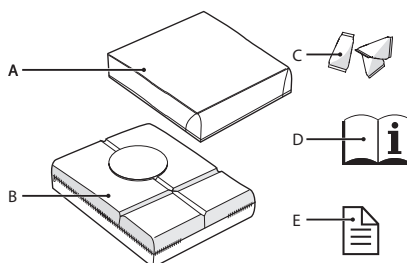
Thank you for choosing a Vicair product. We are sure you will appreciate the simplicity, reliability and fantastic effect. For quick installation you can use the quick installation guide provided with your cushion. In addition, please read and understand this user manual before use. Save both the Quick Installation Guide and this manual for future reference.

For more information or to (re)order manuals, contact your country's distributor.
Go to vicair.com for distributor information.

INTRODUCTION

The Vicair® Centre Relief O2 is a wheelchair seat cushion that provides a very high level of skin protection for persons with a high risk of developing pressure ulcers. It is used to completely offload the rectal area in cases of localized deep pressure ulcers, to provide comfort and stable body support. The Vicair® Centre Relief O2 is a high performance addition to a pressure ulcer treatment plan (stage I-IV). The Vicair® Centre Relief O2 cushion is machine washable without removing the SmartCells!

MAIN COMPONENTS



- A** Cushion cover
- B** Cushion
- C** SmartCells™, placed in 5 compartments
- D** User manual
- E** Quick Installation Guide

GENERAL PRODUCT SPECIFICATIONS

Product name:	Vicair Centre Relief O2
Manufactured by:	Vicair B.V., The Netherlands
Warranty:	24 months
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
Used materials:	All latex free
Cushion:	Top made of polyester fabric with polyurethane coating, bottom of polyester mesh fabric
Filling:	Air-filled SmartCells with low friction coating
Top Cover:	Top: Knitted Polyester fabric. Bottom rim: Polyester fabric with polyurethane anti-slip coating.



Alternative cushion covers:

Comfair Cover: Top: Knitted Polyester fabric.
Sides: Polyester 3D Mesh fabric. Bottom:
Polyester fabric with polyurethane anti-slip
coating.

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

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

PRECAUTIONS AND SAFETY INSTRUCTIONS

A Vicair wheelchair seat cushion may only be
used as a wheelchair seat cushion. The use of
this product in any other way, is considered to be
misuse. 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 Centre Relief O2 under direct supervision
of a therapist or technical advisor.

Warning! Your tailbone and pelvic bones should
not touch the bottom of the cushion. Checking
for "bottoming out" should be done during first
use and after adjustments to the cushion filling.

Warning! Check your skin regularly for redness,
especially during the first few days. If redness
occurs and does not disappear after 15 minutes,
consult your therapist or technical advisor.

Warning! Vicair B.V. recommends to adjust the
filling grade under the direct supervision of your
therapist or technical advisor.

Warning! No testing data is currently available
about the safe use of Vicair wheelchair cushions
in motor vehicles. Therefore we do not
encourage using the wheelchair 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 deflated cells. In case of serious
damage or a large number of deflated cells, do
not continue to use the product. Consult your
dealer.

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 or pressure. When the given
cleaning instructions are not followed, it is very
likely that the product and/or the product's cover
will age more rapid.

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

Caution! Do not place the topside of the Vicair
O2 cushion against the glass of the washer door.

Caution! Make sure the cushion cannot interfere
with the wheel spokes.

INSTALLATION

Warning! Vicair B.V. recommends to install the
Vicair Centre Relief O2 under direct supervision
of a therapist or technical advisor.

Caution! Make sure the cushion cannot interfere
with the wheel spokes.

Notice! Always use cushion with cover.

Notice! Make sure that the wheelchair seat is
clean and degreased.

Tip: When you prefer not to use the hook and
loop, you can remove the hook strips. Note that
the strips connected to the bottom of the cushion
cannot be removed.

Perform the following steps when using the Top Cover

These steps correspond to the installation
images 1 – 6 on the Quick Installation Guide:



- Check cushion size. Width (X) of the cushion and seat should match. When the cushion rests against armrests or side-guards, the width may be up to 2.5 cm (1") wider. Depth (Y) of the cushion and seat should match.
- Check if the size of the cover matches the size of the cushion.
- To offload the rectal area, adjust the number of SmartCells in the centre circle compartment. The number of cells removed depends on the required level of offloading.
- Remove protective backing tape from selfadhesive hook strips attached to the bottom of the cushion.
- Place cushion by pressing firmly.
- Place the Top Cover over the top of the cushion.
- Pass the loop at the back of the cushion through the 'button hole' in the back of the cover.
- Sit on the cushion for a few minutes, to allow the cushion to adapt to your body shape.
- If necessary, adjust footrest(s).

Alternative cushion covers

Perform the following steps when using the Comfair Cover, Incotec Cover or Reversible Cover.

Please note: The Reversible Cover is delivered with the cool breathable side on the outside. If you require the fluid-resistant side of this cover: first unzip the top section of the cover completely from the bottom section, turn top section inside out and rezip it to the bottom section.

- Check cushion size. Width (X) of the cushion and seat should match. When the cushion rests against armrests or side-guards, the width may be up to 2.5 cm (1") wider. Depth (Y) of the cushion and seat should match.
- Check if the size of the cover matches the size of the cushion.
- To offload the rectal area, adjust the number

of SmartCells in the centre circle compartment. The number of cells removed depends on the required level of offloading.

- Remove the hook strips from the bottom of the cushion. Note that the strips connected to the bottom of the cushion cannot be removed.
- Insert cushion in cover.
- Pass loop through eyelet in cover.
- Close zipper. Make sure to not damage the cushion.
- Remove protective backing tape from selfadhesive hook strips attached to the cushion cover.
- Place cushion by pressing firmly.
- Sit on the cushion for a few minutes, to allow the cushion to adapt to your body shape.
- If necessary, adjust footrest(s).

Checking for "bottoming out":

Image 7 - Quick Installation Guide

Warning! Your tailbone and pelvic bones should not touch the bottom of the cushion. Checking for "bottoming out" should be done during first use and after adjustments to the cushion filling.

Warning! Vicair B.V. recommends to adjust the filling grade under the direct supervision of your therapist or technical advisor.

- Check for bottoming out, after sitting on the cushion for approximately 5 minutes.
- Let your therapist or technical advisor slide a hand between your buttocks and the Vicair cushion while leaning forward.
- Ask your therapist or technical advisor to check if there is at least 2,5 cm / 1" of space between your lowest bony prominences and the seat surface underneath the cushion. This prevents them from touching the wheelchair seat.
- Do not use the cushion if bottoming out occurs. In most cases, adjusting the filling grade of the compartments will solve the problem.



USE

Checking for redness of the skin

Image 8 - Quick Installation Guide

Warning! Check your skin regularly for redness, especially during the first few days. If redness occurs and does not disappear after 15 minutes, consult your therapist or technical advisor.

Adjusting the filling grade

Warning! Vicair recommends to adjust the filling grade under the direct supervision of your therapist or technical advisor.

Ready for use

This Vicair product is ready for use. It has its own unique filling grade, depending on size and model. However – if necessary – the filling grade can be adjusted by removing or adding SmartCells from/to the various compartments. To offload the rectal area, you remove SmartCells from the centre circle compartment (if necessary). You can find the default filling grade on the label attached to the cushion.

Conditions for use and storage

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

- **User weight:**

Minimum: 15 kg / 33 lbs,
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. Under such circumstances, the cushion's firmness

can be adjusted by removing a few cells from each SmartCell liner.

- **Air humidity:**

Minimum: 0%, maximum 100%

Daily fluff-up

Vicair B.V. recommends to fluff-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 wheelchair cushions in motor vehicles. Therefore we do not encourage using the wheelchair cushion in motor vehicles.

As an alternative for your Vicair wheelchair 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 the it. See chapter 'Maintenance and cleaning' for instructions.

Notice! Make sure the product is correctly adjusted to the other person.

Replacing the cover

Under normal use, Vicair B.V. recommends to replace the 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 deflated cells. In case of serious damage or a large number of deflated cells, do not continue to use the product. Consult your dealer.

Caution! Do not steam clean or autoclave the product. The product cannot withstand excessive heat or pressure. When the given cleaning instructions are not followed, it is very likely that the product and/or the product's cover will age more rapid.

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

Caution! Do not place the topside of the Vicair O2 cushion against the glass of the washer door.

Cleaning the Vicair Centre Relief O2

- **Cleaning the Vicair Centre Relief O2 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 Centre Relief O2 cushion**

Your Vicair O2 cushion can be machine washed at 60 °C/140 °F using an anti-crease cycle and mild detergent. You do not need to remove the SmartCells before putting the cushion into the washing machine. Make sure the topside of 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 O2 cushion but let it air dry (5-6 hours). You can use the sling

to hang dry your Vicair O2 cushion.



Disinfecting your Vicair Centre Relief O2

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 cleaning spray your cushion and cover with a disinfectant. Bend compartments outwards to make sure the spray gets into the gaps.

WARRANTY

Please see www.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.
The SmartCells in this Vicair cushion have a lifelong warranty period.

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.

Any questions?

Contact Vicair B.V. at info@vicair.com or contact your country's Vicair distributor.



Height Vicair Centre Relief O2= 10 cm / 4 inch

Available sizes:

		WIDTH										
inch		14	15	16	17	18	19	20	21	22	23	24
	cm	35	38	40	43	45	48	50	53	55	58	60
14	35	■	■	■	■	■						
15	38	■	■	■	■	■	■					
16	40	■	■	■	■	■	■	■				
17	43	■	■	■	■	■	■	■	■	■		
18	45	■	■	■	■	■	■	■	■	■	■	
19	48		■	■	■	■	■	■	■	■	■	■
20	50			■	■	■	■	■	■	■	■	■
21	53				■	■	■	■	■	■	■	■
22	55					■	■	■	■	■	■	■
23	58						■	■	■	■	■	■
24	60							■	■	■	■	■

Information about availability of other sizes on request.

