OSKA®

User Guide

Series2 Mattress

Version 6: 18.03.2025

Contents

03 Know your symbols
04 Warning
05 About your mattress
05 How to set up your mattress
06 Evacuation base
07 Cleaning
08 General Directives
09 General information
09 Warranty
11 Troubleshooting guide
11 Spare parts

Please read the following instructions carefully and observe the warning instructions before using the system.

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Know your symbols

	Manufacturer		Do not iron
	Foot end		Tumble dry
	CE marked		Do not dry clean
	Catalogue number		Resistant to ignition
	Authorized EC Representative		Wipe down
	Machine wash at 95		V-Guard Technology
	Drip dry		Recycling
	<1% Chlorine		UKCA marked
	Medical Device		

WARNING!

Only to be used for its intended purpose as described in this manual. Never attempt to repair the system yourself.

DO NOT use parts or individual components of other systems or products other than those described in this manual, or other documentation from OSKA, to repair this mattress.

Avoid using multiple V-Guard covers simultaneously.

DO NOT USE in close proximity with fire sources/hot surfaces. These include fire, burning cigarettes or hot lamps. This mattress has undergone fire testing but may still become damaged if contact with fire sources occurs.

Position the mattress correctly to prevent it becoming trapped and damaged.

NOTE: Bed rails can trap the mattress and cause damage.

Confirm that the bed frame is appropriate for use with the mattress, and that the length and width of the mattress are appropriate for the frame.

Avoid risk of suffocation from the mattress cover by positioning the patient correctly.

DO NOT puncture the mattress or mattress cover with needles or sharp instruments. This may result in loss of integrity of the mattress cover. Inspect the covers and zipper area for signs of damage, puncture, or wear that could result in fluid pass-through.

Handles included on the long side of the mattress cover should only be used for lifting and moving the mattress itself.

Note to the user and/or patient: any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the member state in which the user and/or the patient is established.

About your mattress

The system

This mattress provides high user comfort without the need for an external pump or electricity

Included in the system design is a unique Heel Zone that is designed to further reduce pressure for the sensitive heel area. Also included is the Offloader feature, designed to create a zone of zero pressure.

Cover

The Series2 comes with a V-Guard cover which provide an impenetrable barrier to viruses and bacteria. The cover has welded seams that are ingress proof, minimising any risk of harbouring viruses or bacteria and transmitting infections.

The cover includes a fire evacuation base which means handles can be easily accessed in case of emergency and used for moving and transporting.

An additional inner cover protects the top layer of foam

Recommendations

OSKA Series2 high specification foam mattress system recommended to be used as an aid in the prevention and treatment of pressure ulcers up-to and including category 2. The Offloader feature can be used as an aid to create a zone of zero pressure to help prevent and treat pressure ulcers up to and including category 4.

Capacity

OSKA Series2 is recommended for patient weight up to 159kg. Heavier patients are better accommodated with a more appropriate OSKA pressure system.

You must not lift the mattress whilst a patient is lying on it or use it to transport a patient unless in an evacuation.

Offloader

The mattress is made from 2 layers of foam. The top layer is the Offloader. To use, manipulate and fold under at the foot end to alleviate pressure and create an area of zero pressure. Zero pressure can be used as an aid to help prevent and treat pressure ulcers up to and including category 4.

Selector

Each OSKA mattress is categorised by a 'selector' symbol which enables healthcare workers to quickly identify the prevention and treatment rating of the mattress. The selector icon can be found on the cover at the foot end.

How to set up your mattress

Unpacking the mattress

Please ensure the packaging is not damaged upon arrival. Avoid using a knife when opening the packaging and any other protective material as this could damage the mattress and/or cover.

Place the Series2 onto the bed frame and adjust the cover if needed. The mattress has a black side

that should be down on the bed frame, and a blue fabric side that should face up towards the patient.

Confirm that the bed frame is appropriate for use with the mattress, and that the length and width of the mattress are appropriate for the frame.

Place directly on a healthcare bedframe only, never on top of another mattress.

Leave for a few minutes before using

Evacuation base

The Series2 comes with evacuation straps within it's base.

It is very important that the safety equipment, as well as the evacuation procedures, are well planned and known in advance.

These covers can significantly help you be prepared in the case of a fire or other emergency when a less mobile patient will need to be evacuated.

Handles appear on all 4 sides of the cover and the velcro fire evacuation straps are housed securely in pockets on the 2 longer sides with their ends sticking out for easy access. These straps are used in the case of an emergency to secure the patient to the mattress before transporting them to safe area.

Evacuation instructions

- Let the patient know what is about to happen.
- Lower and lock the bed in position.
- Pull the velcro evacuation straps out of the base and fasten.
- Using the outer handles at the foot end of the mattress, turn it outwards from the bed.
- Carefully drag the mattress and patient down on to the floor.
- Use the outer handles at the foot end of the mattress. The working position should be a little bit leaning back.

Down the stairs

- Walking backwards, continue until the main part of the mattress slides pass the top stair.
- Turn your back towards the patient and look in the direction you are moving.
- Holding one hand on the stair rail and the other hand on the middle handle of the mattress, begin to pull.
- Walk down the stairs maintaining speed, without running, is important.

WARNING!

It is imperative that anyone performing an evacuation must have acquired the necessary training. Before commencing any evacuation always check the equipment, cover and mattress to ensure the evacuation can be carried out safely.

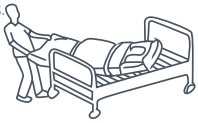
Ensuring the mattress is safe to use for evacuation is the user's responsibility.

Training/practise

To bear in mind when training.

Pulling down from the bed:

- Make sure the patient in the bed is not at the very top of the mattress. If they are, it increases the risk of hitting their head on the bed when pulling down.



Pulling on the stairs:

- Practice this technique by pulling an empty mattress down the stairs.
- When training with a person on the mattress, fasten a string or rope onto the handles at the head end. This enables another person to then walk behind the mattress and help out.
- Practicing on the stairs where an evacuation may be necessary is advisable.

General:

- The purpose of the training is not to carry it out at high speed, but to grasp the correct technique.

Training covers:

- When the equipment is used to evacuate, heavy strain is put on the seams and handles. Always check the seams and handles at the end of training. It is advisable to mark any equipment used for training as "Training equipment" and use it only for this purpose

Explanations

- Always use the velcro straps when evacuating a patient to prevent the patient sliding/rolling down from the mattress.
- Pulling at the foot end reduces the strain on the puller, which means faster and safer evacuation is possible.
- Pulling the mattress on the stairs is the hardest part of the evacuation and should therefore be practised carefully.

Keep the patients arms inside the velcro straps. This prevents the user grabbing hold of something out of fear.

Cleaning

V-Guard Cleaning and aftercare guidelines.

OSKA V-Guard Technology covers are durable but, as medical devices, they need treating with great care. The surface is vapour permeable so it is waterproof, but breathable to reduce sweating of patient. This outer barrier must not be penetrated. Even the smallest breach of this barrier will cause fluid to penetrate the mattress.

There are specific cleaning and care instructions that need to be strictly adhered to prolong the life of the product.

Delamination:

Delamination is when the layers within the structure of the mattress cover separate. This can be caused by using incorrect chemicals or too high a concentrate of cleaning chemicals on the surface.

How to prevent delamination:

OSKA V-Guard Technology covers incorporate a special layering system to make them much more resistant to delamination than many other mattress covers. However, to help prevent delamination:

1. Always abide by the cleaning instructions
2. Avoid using chemicals with too high

Strikethrough:

Strikethrough occurs when the fibres in the mattress covers start to break down. Small cracks develop, which on inspection, may not be visible. This means fluids and other contaminates can pass through the cover and contaminate the core of the mattress.

How to prevent strikethrough:

Covers are most susceptible to strikethrough damage when they are wet. During cleaning,

extra care should be taken to avoid abrasion of the surface. OSKA V-Guard Technology covers incorporate a special layering system to make them much more durable than many other mattress covers. However, to help prevent strikethrough:

1. Always abide by the cleaning instructions
2. Avoid using chemicals with too high concentration.
3. Ensure cleaning chemicals are always thoroughly rinsed off before allowing to dry
4. The V-Guard covers can tolerate up to 10,000ppm chlorine but using a weaker solution of 1,000ppm will reduce the risk of a high concentrate being left on the surface
5. Ensure the covers are thoroughly dry before using or storing the mattress

General directives

1. General directives

- Abrasive cleaning agents should NOT be used.
- In addition, due to the range of cleaning chemicals and conditioners being used, customers should ascertain that any fabric performs as expected, without any adverse effect.
- Some surface wrinkling may result from cleaning procedures. This should have no adverse effect on the fabric's properties.
- If customers have their own particular cleaning methods that must be used and that are not covered in this article, they should consult OSKA for further direction and guidance.

2. Washing and disinfection

- All polyurethane coatings need to be treated with care when cleaning the surface. Many industrial cleaning agents are extremely harsh on the coating and can cause it to break down.
- For superficial dirt use a disposable wipe and a warm solution of neutral detergent. Do not use abrasive cleaners.
- Disinfect in situ using 0.1% sodium hypochlorite solution (1000ppm available chlorine). Wipe off any residue with clean water. V-Guard covers can tolerate 10,000ppm chlorine but using a weaker solution of 1,000 ppm will reduce the risk of a high concentrate being left on the surface.
- The fabrics are able to be washed in warm soap water at up to 95°C.
- All cleaning agents and disinfectants must be thoroughly rinsed off and the item dried before storage.

3. Drying

- Spin and tumble dry on a low setting (not more than 130°C. The fabric surface may wrinkle but this will not impede function). The operator ensures it is removed as soon as all moisture is removed. The fabric must not be left sitting on the heated bowl of the drier when drying is complete
- Do not mangle
- Do not iron

4. Storage

- Store in a cool dry area.
- Avoid excessive pressure and always thoroughly dry fabric before re-use or storage. Do not fold away wet or store in damp conditions.
- Keep away from sharp objects.

5. Damages and replacement

- Regularly check the inside of the cover for any signs of leakage
- If the cover leaks then the waterproof barrier has been broken and a new cover should be purchased from OSKA.
- If the foam gets contaminated, purchase a new one from OSKA.

6. Strikethrough

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7. How to prevent strikethrough

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General information

Storage

Store the mattress on a flat surface or carefully rolled/folded with the zip closed. Always store at room temperature in a dry area. Make sure the mattress is stored where it will not be exposed to thrusts, hits or other things that can damage it. Avoid direct exposure of sunlight. If the mattress is to be stored more than 3 months, we recommend it is stored on a flat surface (not folded or rolled up).

Service and repairs

Only spare parts which have been approved by OSKA should be used. Using non-approved spare parts will invalidate the warranty.

You must submit a warranty claim to OSKA before the product is returned.

If you have questions regarding warranty and service please contact OSKA.

Warranty

The warranty is based on statutory regulations. The warranty does not apply if the goods supplied by OSKA are processed, handled or modified by other parties without prior consent from OSKA or if these operating instructions are not followed.

For medical devices as understood by the EU - Directive 93/94, whose usage (also operations) is subject to regular service and maintenance, a warranty can be offered only if the service intervals prescribed by OSKA are adhered to.

If during inspection it is found that damages are due to wear and tear or are not subject to warranty, then OSKA are empowered to claim the expenses (inspection, transport costs etc) from the client. The use of parts or individual components of other systems or products or combinations thereof are not permissible.

Warranty claims become invalid should any damage result from this kind of conduct and therefore remain the responsibility of the user/ owner.

V-Guard Cover - 4 years pro rata

Year 1 - 100%

Year 2 - 75%

Year 3 - 50%

Year 4 - 25%

Base Cover / Foam/ Air cells - 2 years pro rata

Year 1 - 100%

Year 2 - 50%

Crib 5 Fire Rating

Technical data Specifications / part numbers

The OSKA Series2 is available in the following sizes (Width x Length x Height):

Mattress dimension (W x L x H)	Mattress weight (KG)	Maximum User Weight (KG / ST)	Part. No
88 x 200 x 14cm	11kg	159kg / 25st	PR13-009
100 x 200 x 14cm	13kg	159kg / 25st	PR13-333
105 x 200 x 14cm	13.5kg	159kg / 25st	PR13-027
120 x 200 x 14cm	15kg	200kg / 31st	PR13-010

Troubleshooting guide

Problem	Solution
The mattress is still very flat once it has been taken out of its vacuum packaging.	Leave the mattress for 1 hour before putting a patient on the mattress. This should allow the mattress the time to adjust to the correct position.
Mattress cover failure	Regularly check the inside of the cover for any signs of leakage. If the cover leaks then the waterproof barrier has been broken and a new cover should be purchased from OSKA. If the foam gets contaminated, purchase a new one from OSKA.

Technical Service: 02394 318 318

Spare parts

Spare Part	Size	Code
Series2 top cover	88x200cm	WP01-014
Series2 bottom cover with evacuation base	88x200cm	WP01-015
Series2 top foam (with stocknet)	88x200cm	WP01-012
Series2 whole foam cartridge	88x200cm	WP79-954
Series2 top cover	100x200cm	WP71-055
Series2 bottom cover with evacuation base	100x200cm	WP71-056
Series2 top foam (with stocknet)	100x200cm	Available on request
Series2 whole foam cartridge	100x200cm	Available on request
Series2 mattress with evacuation base	105x200cm	PR13-027
Series2 top cover bariatric	120x200cm	WP01-050
Series2 bottom cover with evacuation base	120x200cm	WP71-054
Series2 top foam (with stocknet)	120x200cm	Available on request
Series2 whole foam cartridge	120x200cm	Available on request

Pressure Care Experts

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