

OSKA®

User Guide

SeriesC Air



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



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Know your symbols

	Alternating current	IP21	Degree of protection against harmful ingress of water and particulate matter.
	Catalogue number		Caution / Warning
	Manufacturer	CE 0197	CE certification
	Authorized EC Representative		This product is not suitable for patient with weight over 120kg.
	Date of manufacture		Correct Disposal of This Product (Waste Electrical & Electronic Equipment) Statement: The LAY RESPONSIBLE ORGANIZATION must contact its local authorities to determine the proper method of disposal of potentially bio-hazardous parts and ACCESSORIES.
	Serial Number		Medical apparatus and instruments
	Class II Electrical Device		Storage and Transport Temperature: -25°C-70°C.
	Type BF applied part		Storage and Transport Humidity: 0~90%.
	Refer to User Manual / Instructions for Use		Storage and Transport Atmospheric pressure: 700hPa to 1060hPa

The system

OSKA SeriesC Air is a cushion system which is designed to be placed on any chair. It is designed for use in nursing care at home, or in a nursing facility environment.

Application – for use on a chair within home or care environment with power source nearby to ensure that comfort and relief levels are maintained.

The system consists of a control unit featuring a membrane pump and a cushion with 6 air cells arranged in a transverse manner. The entire cell unit is encased in a cradle of visco foam. The bielastic top cover and PVC outer base cover, ensure stability, comfort and infection control.

Recommendations

OSKA SeriesC Air alternating cushion system is suitable as an aid in the prevention and treatment of pressure ulcers up to and including Category 2.

Capacity

OSKA SeriesC Air alternating cushion system is recommended for patient weight up to 120kg. Heavier patients are better accommodated with a more appropriate OSKA pressure system.

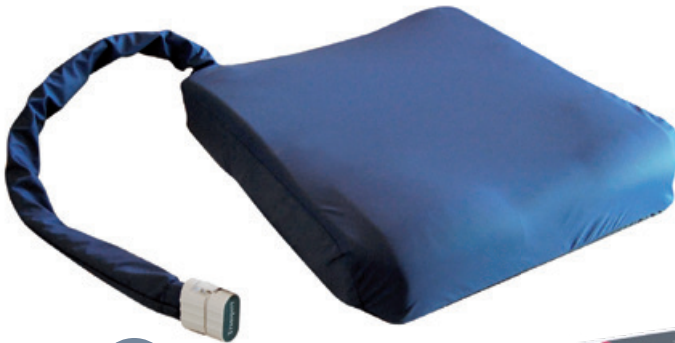
Contraindications

Patient conditions for which the application of pressure relieving therapy on an alternation system is contraindicated as follows:

- Cervical or skeletal traction.
- Unstable spinal cord injuries.
- The patient's wound can not be in direct contact with the cushion.

System set-up

01. Place the pump on horizontal surface or hang by means of the hooks.
02. Place the seat cushion on the chair air tubes should be at the rear of the chair unless there are no openings at the rear of the chair. Please ensure that the cushion is fully stable on the chair.
03. Connect air feed tubes to air outlet on the seat cushion (see 1a) and pump (see 1b), ensuring that the tubes are not twisted or "kinked". Allow space for tubes to drop freely.
04. Switch on the pump power (see 03).The pump will start to inflate the cushion.
05. The power indicator will flash as inflation takes place.
06. The audible alarm won't alarm within 60 minutes but will be activated if the pressure remains low inside the cushion. In the case of low pressure check the connections and the products. To mute the audible alarm, press the alarm mute button. The visible alarm indicator will flash until problem solved.

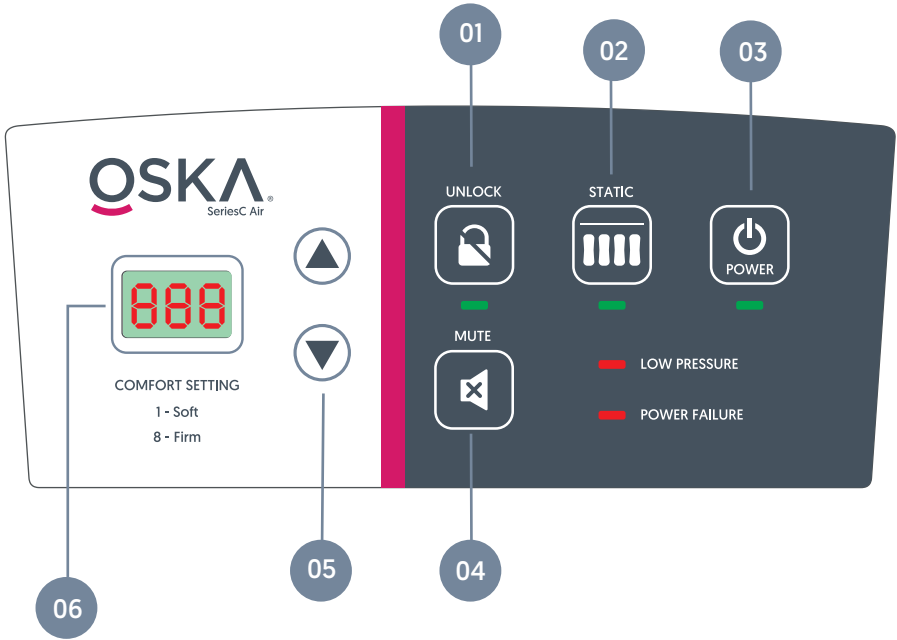


1a



1b

Pump Functions



UNLOCK



Unlock (01)

- Auto: it will automatically lock in 5 minutes without operation.
- Manual: press lock button for 3 seconds to lock the panel, press again for 3 seconds to unlock the panel.



Comfort Settings Controls (05)

- The comfort setting display will show the comfort level selected for the patient. This will range from 1 (soft) to 8 (firm).



Comfort Settings Display (06)

- The comfort control buttons on the left of the control panel allow air pressure within the mattress to be adjusted between 1 (soft) to 8 (firm) to optimise patient comfort.
- To adjust the OSKA SeriesC Air Cushion in response to a change in patient weight, position, or to meet a patient's individual comfort needs, use the up / down arrows as required to select the appropriate comfort level for the patient (this can be done whilst the patient is on the cushion).



Static / CLP mode (02)

- Press to set the air mattress in static therapy mode at the current pressure.



Power Switch (03)

- The switch is at the right side of the pump.
- Turn ON/OFF the power and press Power button on the panel, the pump will start/stop operation.



Alarm Mute (04)

- The audible/visible alarm turns on when low pressure or power failure.
- To mute the audible alarm, press the Alarm Mute button. The visible alarm indicator will flash till problem solved.
- If the fault persists, the audible alarm will automatically be reactivated in 10 minutes.

Operation

01. When the pressure reaches full inflation (within approximately 5 minutes) the power indicator will remain on.
02. The pump will automatically set to comfort setting 3.
03. Press the static button to activate static mode. The static indicator will illuminate. Static mode will automatically revert to alternating after 20 minutes.

System maintenance

Maintenance at regular intervals (mandatory every 2 years) is necessary to preserve the function of the OSKA SeriesC Air alternating cushion system.

Used filters must be exchanged within this period.

- Replace membrane unit
- Replace air filter
- Replace synchronous motor
- Conduct function test/function check
- Sealing of case and attaching an inspector sticker
- Protective conductor check in accordance with DIN VDE 0751



Cleaning

Remove dirt or stains with lukewarm water and a cloth. Water may be treated with a mild cleaning agent. Do not use aggressive cleaning agents or solvents. You must disinfect surfaces regularly, at least after every clean. Wipe disinfection is preferred. The cleaning agent you use must comply with the manufacturer's information as stated on the cleaning agent. If in doubt you must request further information.

Technical specification

Pump

OSKA – SeriesC Pump

Power supply: 220~240V/50Hz, 1A

Air output: 8 liter/min.

Pressure range: 25mmHg – 55mmHg

Cycle time: 10 min.

Static Mode

Alarm Mute/Pause

Low pressure alarm

Power failure alarm

Size: 28cm(L) × 20cm(W) × 10cm(H)

Weight: 2.2 kg

Cushion

OSKA – SeriesC Air Cushion

Size: 49cm(L) × 46cm(W) × 10cm(H)

Top cover: Dark blue bi-elastic cover with PU/Polyester coating and zip fastening

Air cells: Nylon/PVC

Base: Nylon/PVC with foam insert 6 Air Cells

Troubleshooting guide

Fault occurring	Ensure that	Possible solution	If your product is still not working
The pump appears not to be on running	The mains supply is plugged in. The switch is in the on position. The fuse in the plug is not blown	Connect the appliance to the nearest mains socket and ensure that the power indicator light is on	Contact OSKA Service
The pump appears to be on running but is not reaching the desired pressure setting	The hoses are connected correctly	Disconnect the hoses and re-connect them in to the outlet connectors on the side of the pump	Contact OSKA Service
The pump is running but is not inflating the cushion	The hoses are connected correctly	Disconnect the hoses and re-connect them in to the outlet connectors on the side of the pump	Contact OSKA Service
	There are no leaks in the cushion	Contact OSKA Service	Contact OSKA Service
	There are no kinks in the tubing down side of the cushion	Carefully untwist any kinks	Contact OSKA Service
	Check that the pressure has been set in the correct range for the patient's weight	Adjust the pressure setting accordingly	Contact OSKA Service
The system does not appear to be alternating	There are no kinks in the tubing down side of the cushion	Carefully untwist any kinks	Contact OSKA Service
The operation pump is noisy	The pump is not resting against a solid surface	Re-position the pump to a suitable surface	Contact OSKA Service

Waste disposal

The materials used to manufacture the OSKA SeriesC Air cushion do not cause any danger to the environment. They may be disposed of with the household waste.

The pump control unit is considered as electrical equipment waste. Please contact the proper waste disposal officials.



WARNING!

For private non-professional operators. In the case of system failure please check:

01. Is there sufficient power supply?
02. Is the unit turned on?
03. Is the power cord connected properly and is the power plug inserted correctly?
04. Is the mattress connection tube connected properly?

If all these primary checks have been carried out and the system continues not to function then you must contact the responsible supplier or user who is authorised to effect the maintenance and/or repair of this equipment.

Never attempt to repair the system yourself. Fuses may only be exchanged by qualified and authorised personnel.

Warranty

Your OSKA product comes with a 1 year parts and labour 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.

Safety

In the interest of your safety please be informed that the OSKA SeriesC Air is certified in accordance to the following regulations:

Testing for DIN EN 60601-1

CPR - emergency valve

ISO 13485

For your safety and the safety of those around you, please adhere to all safety and warning as detailed in this manual.



WARNING!

You **MUST** be aware of the susceptibility of this air mattress to the incidence of fire. In the case of a fire the unavoidable release of air acts as a fan effect to assist the flames.

You must avoid smoking at all times in the immediate vicinity of this product. Other hazards can include: The use of petroleum based creams and gels such as Vaseline etc.

The manufacturer of this product takes no responsibility for actions that are in breach of this fire hazard warning which includes all environments: Hospitals, care homes and private/domestic users.



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