



COBI REHAB[®]
The Positioning Company

PRODUCT SHEET

Bariatric Alternating Pressure Mattress

Bariatric Alternating Pressure Mattress with Legacy XL pump for the prevention of pressure ulcers.

For bariatric users at risk of pressure ulcers. Bariatric Alternating Pressure Mattress is used in home care, nursing homes and institutions.

Maximum user weight up to 270 kg.



Medical device

Cobi Rehab and Cobi Rehab's suppliers comply with UN conventions on child and forced labor and ILO 029, C132 and C182.

General information

This product sheet contains important information about the use of Bariatric Alternating Pressure Mattress and the target group for the product. It also includes a range of specifications on Bariatric Alternating Pressure Mattress.

The most recent version of this product sheet can be found on our website where it also can larger font size.

You can always contact Cobi Rehab if you want more information about the product.

Cobi Rehab reserves the right to change the product specifications without providing prior notice.

Product safety notices and product recalls can be viewed on the website.

Use

Bariatric Alternating Pressure Mattress is used in home care, nursing homes and institutions for users weighing up to 270 kg.

Bariatric Alternating Pressure Mattress is a mattress of high quality suitable for users with medium to high risk of developing pressure ulcers. It is specially designed to help prevent pressure ulcers and provide 24-hour pressure area care.

Pressure relief of the bariatric user is extra important because they often find it difficult to move and turn in bed.

Bariatric Alternating Pressure Mattress can be reused and is easy to clean.

Contraindications

Bariatric Alternating Pressure Mattress must not be used by users with unstable fractures.

Always consult a physician or therapist before assigning a user a Bariatric Alternating Pressure Mattress.

Construction

Bariatric Alternating Pressure Mattress consists of 20 air cells made of a reinforced plastic material. Each cell measures 22 cm in height.

The pump unit ensures that the air is alternately pumped in or emptied out of the 20 cells. That is, when cells 1, 3, 5, etc. are filled with air, cells 2, 4, 6, etc. are emptied slowly, after which the cycle reverses. The cycle time is set manually.

The alternating pressure shifts the pressure on user's tissues. It contributes to the improvement of blood circulation and to the prevention of pressure ulcers.

In the event of a power failure, Bariatric Alternating Pressure Mattress keeps the air in for 24 hours. The user does not meet the bed base during the 24 hours.

The air cells of the alternating pressure mattress can be replaced individually. The cells are held in place by means of pushbuttons and three cell holders. The middle cells are ventilated. It ensures air penetration and reduces heat accumulation.

The bottom cover is durable and fastens to the bed frame with strong straps.

All parts can be replaced as needed.

Cover

The cover is removable, breathable, stretchable in four directions and anti-bacterially treated on the surface.

The cover is protected against liquid penetration and is flame retardant. The cover can be washed, tumble dried and disinfected.

The cover is fitted with a zipper on four sides. The zipper is covered by an overlap of the cover.

Pump unit

The pump monitor constantly measures the pressure in the mattress. When the pressure is too low, the pump automatically fills the mattress to the set level.

ON/OFF - figure 1

The ON/OFF switch is located on the right side of the pump.

FUSE - figure 2

The pump unit has two fuses.

CABLE - figure 3

The cable is fixedly mounted on the pump.

PRESSURE RANGE - figure 4

The mattress has 8 comfort levels increasing by 34 kg per. level (from 34 kg - 272 kg).

CYCLE TIME - figure 5

There are 4 cycle times, 10, 15, 20 or 25 min.
10 min. = 2 lit diodes.
15 min. = 4 lit diodes etc.

ALARM RESET - figure 6

The auditive alarm is activated and the ALARM RESET diode flashes in the event of a power failure or pressure drop.

Press the button to mute or unmute the alarm.

STATIC - figure 7

Static function stops the alternating pressure function.

ALTERNATING - figure 7

Press ALTERNATING to switch to alternating pressure mode.

AUTOFIRM - figure 8

Autofirm is for care in bed. The mattress is filled up to 70 mm Hg (maximum) and kept for 30 minutes. Press AUTOFIRM to stop the function before the 30 min. is gone.

The pump automatically switches back to alternating pressure.



Cleaning of mattress and cover

Bariatric Alternating Pressure Mattress can be cleaned with water, detergent, and a dry, clean cloth to wipe.

Bariatric Alternating Pressure Mattress can also be disinfected with ethanol 70-85% or a chlorine product 1000-1200ppm.

Cleaning of power supply, power cable and hoses


Wipe the outside surfaces of the power cord, power supply, and hoses with a damp cloth, water, and detergent. Wipe dry with a clean, dry cloth.

The various parts can also be disinfected with ethanol 70-85% or a chlorine product 1000-1200 ppm.

Do not spray liquid directly on the pump itself.

The cover and bottom cover can be machine washed at 95 ° C.

The cover can be tumble dried at low heat or hung to dry if possible. The cover must not be ironed.

 Always turn off the power supply before cleaning.

All parts of the Bariatric Alternating Pressure Mattress must be thoroughly disinfected when the mattress and pump are transferred to a new user. This is done to avoid cross-contamination and infections.

Transportation

If Bariatric Alternating Pressure Mattress and/or the bed are to be moved, the rocker switch is switched off before the power plug is pulled out of the socket.

The air hoses are then pulled out of the pump. Fit the transport cover located on the coupling.

Bariatric Alternating Pressure Mattress keeps the air in for approx. 24 hours.

When the pump and the mattress are reconnected to the power supply, the individual adaptation to the user must be repeated.


The clamping straps on each side of the mattress can be used as carrying handles.

Storage (incl. long term storage)

Switch off the pump on the ON/OFF button.

Disconnect Bariatric Alternating Pressure Mattress and release the CPR valves.

Bariatric Alternating Pressure Mattress can be folded when emptied of air. Store lying down.

 Check regularly that Bariatric Alternating Pressure Mattress is not wet or defect.

Specifications	
Maximum user weight	20-270 kg
Prevents pressure ulcers	Yes
ISO classification	04 33 06-05
Expected product life	7 years
Risk class	I
User manuals and product sheets are available on the website and can be scaled up to large font size for the visually impaired.	

Mattress	
Length	2000/2200 mm
Width	1000/2200 mm
Height	220 mm
Weight	14/18 kg
Can be applied directly to the bed base	Yes
Usable for adjustable bed base	Yes
Quick emptying function	Yes (CPR-valve)
Autofirm function	Yes
Cell material	Nylon/PU
Mattress base material	PU
Flame retardant mattress	Yes

Cover	
Removable, allergy-friendly, washable and disinfectable incontinence cover	Yes
Mattress cover	PU-coated Polyester
Flame retardant cover	Yes

Pump	
Pump measurements	350 x 240 x 130 mm
Weight of pump	3,8 kg
Pressure range	10-70 mm Hg
Cycle time	10, 15, 20 og 25 min.
Air loss alarm	Yes
Power failure alarm	Yes
Power cable	5 m
Fuses (2 pieces)	Yes. T1A/250V
Power input	AC220-240V/50 Hz
Power consumption	Normal use: 15W
Temperature requirements for pump in use	5 - 45° C
Temperature requirements for storage	-25° - 70° C
Classification pump	Electrical protection Class II, Type BF double insulated with / without functional grounding
IPX waterproof rating guide - pump	IP21
Electromedical equipment	Comply with EN 60601-1-2: 2001
Produced under quality control	ISO13485
Model name	Legacy XL Bariatric Series Alternating Pressure Pump and Low Air Loss Mattress



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