

ARJOHUNTLEIGH

GETINGE GROUP

BARI-BREEZE

LOW AIR LOSS TURN ASSIST
BARIATRIC MATTRESS



...with people in mind

EFFECTIVE PRESSURE REDISTRIBUTION FOR BARIATRIC PATIENTS

The *Bari-Breeze*® Low Air Loss (LAL), Turn Assist Mattress Replacement (MR) is a support surface designed to assist clinicians with the prevention and treatment of pressure ulceration in patients up to 455kg (1000lbs) in weight. The system is designed for use with the ArjoHuntleigh *Contoura*® 1080 bariatric electric profiling bed frame and is available to fit a range of other manufacturers' bariatric bed frames.

Low Air Loss

Using 'true LAL' the *Bari-Breeze* MR system ensures the best possible outcome for bariatric patients at risk of pressure ulcers.

LAL systems perform by maintaining low pressures within the support cells in order to allow the contact surface to follow the contours of the human body. This in turn maximises the contact area over which the patient's body weight may be distributed, and as a result, reduces interface pressure. The *Bari-Breeze* MR system allows for adjustment of cell pressures to enhance patient comfort and enhance pressure redistribution.

Patient comfort and skin integrity can be severely compromised if excessive moisture is allowed to build up between the support surface and the patient. LAL creates an osmotic gradient moving vapour away from the skin, helping to keep the patient dry and comfortable.

Pressure Redistribution

The *Bari-Breeze* MR system effectively redistributes pressure away from vulnerable areas by a process of controlled immersion and envelopment. As the cells contour closely against the body, the surface area bearing weight is increased, this enables the movement of pressure away from vulnerable areas.

The *Bari-Breeze* MR system allows for adjustment of the cell pressures so that comfort and pressure redistribution can be optimised for each individual.

Micro-climate Control

Like 'true LAL' technology the *Bari-Breeze* MR system exerts a direct influence on the microclimate conditions at the skin-mattress interface.

The LAL function creates a temperature and moisture gradient which serves to reduce the build up of heat and moisture beneath the patient, helping reduce the risk of tissue injury through maceration and raised metabolic demand, while enhancing comfort.

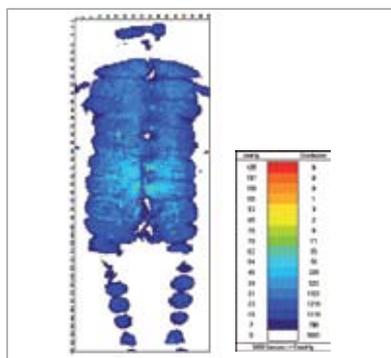
Turn Assist

The *Bari-Breeze* MR system also provides a range of turn time and angle settings to help carers move the patient from side to side.

Lateral rotation not only assists with pressure redistribution but may have additional benefits in other physiological functions such as the respiratory, circulatory, digestive and urinary systems as well as enhanced comfort and patient choice.



Cell pressures can be easily adjusted



Percentage Pressure Area Index values for 200kg male subject in supine position.*



User-friendly control panel.

FEATURES

The *Bari-Breeze* MR system features a user-friendly control panel that allows the user to select the most appropriate therapy settings.

Control unit

- Easy to use, soft key membrane control panel
- Panel lockout to prevent tampering
- Comfort control setting from 1 (soft) to 9 (firm)
- Power failure / low pressure alarms
- Rapid CPR deflation
- Max flow setting for initial inflation and patient movement on/off
- Compact and lightweight power unit is quiet yet powerful and has an integrated carry handle for portability

Support surface

The *Bari-Breeze* therapeutic surface is designed with both carer and patient in mind. Lightweight yet durable, it provides comfort for patients but is also designed for easy cleaning and maintenance.

- Low friction fabric for ease of repositioning and reduced shear force
- Waterproof, vapour permeable and breathable PU coated polyester top sheet

- Modular mattress design for ease of cleaning and serviceability
- Supports patient weight of up to 455kg/1000lbs
- 'True LAL' for improved air flow and patient comfort
- 2" convoluted safety air filled base to provide additional support in the event of power failure
- Robust carry bag with carry handles and shoulder strap for portability and storage

Lateral rotation

A dedicated LAL turn assist system for the treatment and prevention of pressure ulcers. Featuring up to 40° lateral rotation, the *Bari-Breeze* MR system enables safe movement of the patient to assist nursing staff and their care regimens.

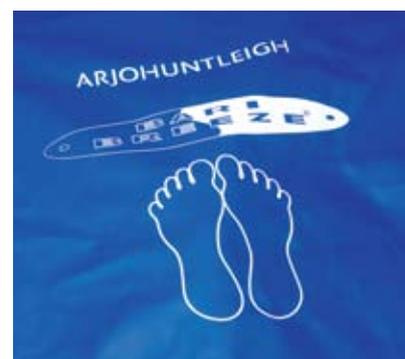
- Rotation selection – left, right, both or no rotation
- Cycle times – 10, 20, 30 and 60 minutes
- Rotation angles – ¼, ½, ¾, full up to 40° (+/- 5°)



Rapid CPR deflation.



Turn Assist provides a range of turn time and angle settings.



Waterproof, vapour permeable and breathable PU coated polyester top sheet.

PRODUCT SPECIFICATIONS

Technical Details	
Pump	
Width	335 mm (13")
Height	285 mm (11")
Depth	140 mm (5.5")
Weight	4.5 kg (10 lbs)
Supply voltage	100-240V
Electrical rating	50/60Hz
Mattress	
Cell height (inflated)	250 mm (10")
Safety air pad height	50 mm (2")
Cover material	PU Coated Polyester (2-way stretch)
Cell material	Polyurethane
Electrical safety standard	
European	EN 60601-1
USA	UL 60601-1
Canada	CAN/CSA C22.2 No 601.1-M90
Degree of protection against electric shock	Class I, Type BF
Degree of protection of ingress of fluids	Ordinary IPx 0 (not protected)
Mode of operation	Continuous
Maximum patient weight	455 kg (1000 lbs)

* This example represents test results from one individual only and different results may occur with different subjects. Only large scale tests can determine true performance differences

Order Codes		
Mattress	Weight	Code
2130 x 1060 x 305 mm (84 x 42 x 12")	11.5 kg (25 lbs)	647311
2030 x 990 x 305 mm (80 x 39 x 12")	9 kg (20 lbs)	647312
2030 x 1060 x 305 mm (80 x 42 x 12")	15.5 kg (34 lbs)	647313
2030 x 1220 x 305 mm (80 x 48 x 12")	14 kg (31 lbs)	647314
Pump		
UK		647301
USA		647303
EURO		647304
AUS		647309AU

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