

ALPHA ACTIVE 4
MATTRESS REPLACEMENT



...with people in mind



RELIEVING THE PRESSURE, FOR YOU AND YOUR PATIENTS

Designed for the prevention and management of pressure ulcers, the *Alpha Active*® 4 pressure redistributing mattress replacement system is suitable for a range of care environments, including home and community care settings.

The *Alpha Active 4* system has been designed as a cost-effective solution for the prevention and management of pressure ulcers, offering enhanced quality of care and reduced risk for resident and carer alike.

The system offers advanced features for the delivery of high quality care to vulnerable patient and residents, whilst remaining easy-to-use for the carer and simple to clean and maintain.



KEY FEATURES



Provides a stable support surface for patient transfer and nursing procedures.



Vapour permeable and water resistant, incorporating 2-way stretch and bacteriostatic properties



Provides additional support and increases patient stability



Includes low pressure alarm, power fail alarm and pump fault alarm.



FEATURES

- **Electronic pressure setting** – allows accurate and appropriate pressure settings to be set for various weight ranges
- **Variable cycle times** – In addition to a 10 minute cycle time, the *Alpha Active 4* system offers the choice of an extended cycle period of 20 minutes, which may be desirable as patients begin to rehabilitate and the risk reduces. This can be used if less aggressive therapy is required or a more stable support surface is required (e.g. during the night)
- **AutoFirm** - provides a stable support surface for patient transfer and nursing procedures.
- **2 Modes of operation** – complements prevention and treatment protocols while accommodating clinical and patient preference:
Active / Alternating mode: periodically redistributes pressure away from vulnerable areas by alternately inflating and deflating cells beneath the patient. Ideal for prevention in the higher risk patient, particularly for those unable to be frequently repositioned¹.
Reactive / Static mode: cell pressure is equalised to redistribute the body weight over a greater surface area - ideal for patients unable to tolerate a moving surface or those in rehabilitation.
- **Audio & Visual alarms** – include; Low pressure alarm, Power fail alarm & Pump fault alarm
- **Modular construction** – contributes to ease of cleaning and maintenance
- **Ergonomic, compact & quiet pump** – ideal for home and community care use
- **Transport facility** – easy to use transport mechanism provides patient support. Cell pressures are automatically equalised, leaving a comfortable even surface
- **Cell-on-Cell** – provides additional support and increases patient stability
- **Static Head Cells** – Enhances head section comfort and stability
- **Dartex top cover** - vapour permeable and water resistant, incorporating 2-way stretch and bacteriostatic properties
- **Ventilated Cells** – Actively manage the microclimate thereby reducing the build up of moisture at the skin interface, lowering the risk of maceration
- **CPR deflate** - rapid deflation function allows CPR to be administered without unnecessary delay.

PRODUCT SPECIFICATIONS

Mattress Replacement	
Model number	648324
Dimensions	850mm x 1950mm x 200mm (33½" x 76¾" x 8")
Cell height	200mm (8")
Cell material	Nylon coated polyurethane (PU)
Cover material	PU coated knitted fabric
Pump	
Model number	648315
Dimensions	280mm x 112mm x 205mm (11" x 4½" x 8")
Weight	2.5kg (5.5lbs)
Power	230V 50Hz; 12W 1A
Cycle	10 minutes & 20 minutes
Case material	Flame retardant ABS
Filters	All service replaceable
Alarms	Audio & Visual low pressure Audio & Visual power fail Audio & Visual pump fault
Electrical safety standards	EN60601-1, IEC60601-1
Degree of protection against electric shock	TYPE BF, Class II with functional earth
Degree of protection of ingress of fluids	IPX0
Maximum patient weight	200kg (441lbs)

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References:

1. International Pressure Ulcer Prevention Guideline 2009. www.eupap.org

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