



MATTRESS REPLACEMENT

# Alpha Active<sup>®</sup> 4

# Relieving the pressure, for you and your patients

Designed for the prevention and management of pressure injuries, 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 injuries, 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 patients and residents, whilst remaining easy-to-use for the carer and simple to clean and maintain.



## **AUTOFIRM**

Provides a stable support surface for patient transfer and nursing procedures



## **INTEGRATED AUDIO & VISUAL ALARMS**

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





#### TOP COVER

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



#### CELL-ON-CELL

Provides additional support and increases patient stability

## 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 repositioned<sup>1</sup>.

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
- **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.

# Specifications

## MATTRESS REPLACEMENT

|                |                                                 |
|----------------|-------------------------------------------------|
| Model number   | 648324                                          |
| Dimensions     | 850 mm x 1950 mm x 200 mm<br>(33½" x 76¾" x 8") |
| Cell height    | 200 mm (8")                                     |
| Cell material  | Nylon coated polyurethane (PU)                  |
| Cover material | PU coated knitted fabric                        |

## PUMP

|                                             |                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------|
| Model number                                | 648315                                                                                |
| Dimensions                                  | 280 mm x 112 mm x 205 mm<br>(11" x 4½" x 8")                                          |
| Weight                                      | 2.5 kg (5.5 lbs)                                                                      |
| Power                                       | 230V 50Hz; 12W 1A                                                                     |
| Cycle                                       | 10 minutes & 20 minutes                                                               |
| Case material                               | Flame retardant ABS                                                                   |
| Filters                                     | All service replaceable                                                               |
| Alarms                                      | Audio & Visual low pressure<br>Audio & Visual power fail<br>Audio & Visual pump fault |
| Electrical safety standards                 | EN60601-1, IEC60601-1                                                                 |
| Degree of protection against electric shock | TYPE BF<br>Class II with functional earth                                             |
| Degree of protection of ingress of fluids   | IPX0                                                                                  |
| Maximum patient weight                      | 200 kg (441 lbs)                                                                      |

### References

1. International Pressure Ulcer Prevention Guideline 2009. [www.epuap.org](http://www.epuap.org)

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At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injury and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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