

AirFlex[®]TRIO (King Single)

3 Cell-Cycle Alternating Pressure Mattress Replacement System

AirFlex[®] TRIO is an innovative, cost effective, 3 cell-cycle alternating pressure air mattress designed to prevent pressure injuries in vulnerable patients at high to very high risk of pressure injury development. The mattress features advanced solenoid technology to facilitate the rapid redirection of airflow which enables the effective off-loading of interface pressure on vulnerable tissue. Cell-in-cell construction improves patient comfort and safety by providing a permanently inflated base portion beneath the active alternating component of the air-cell.

The 3:1 alternation and the 15 minute cycle time of AirFlex[®] TRIO allows the regular and effective relief of interface pressure from beneath the bony prominences. At all times, the patient's body is supported by 50% more cells than found in the traditional 2:1 alternating pattern thus providing superior patient comfort and care. A comfort control reduces internal mattress pressure for frail and underweight patients. Advanced engineering and a quality compressor have created a dynamic support surface that is therapeutic for patients weighing from 20 to 220 kg.

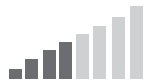
AirFlex[®] TRIO is part of the new innovative 'cost effective' range of mattress solutions designed to fulfil the requirements of 'affordable healthcare.'

Recommended for nursing patients who:

Have limited mobility / require occasional manual repositioning



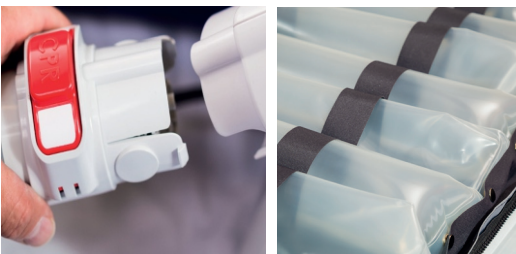
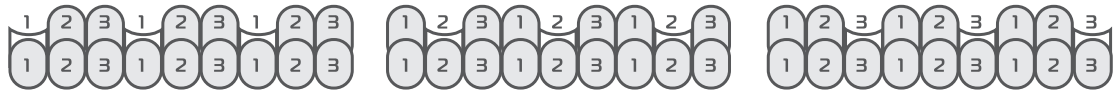
Are at a high risk of developing pressure injuries



Have an established pressure injury / have a history of pressure injuries



3 CELL-CYCLE:



Patient Safety and Comfort

- 3 cell cycle alternation with a 15 minute cycle time provides regular relief of interface pressure
- Wide diameter tubing enables rapid air-cell deflation 4 times per hour which stimulates reactive hyperaemia in the deep tissues surrounding the vulnerable bony prominences
- Cell-in-cell technology improves patient comfort and safety by providing a permanently inflated base portion beneath the active alternating component of the cell
- Fully automatic adjustment to patient weight and body position
- Dual comfort settings available within both Static and Dynamic modes
- Dual pressure settings improve comfort for frail and underweight patients without compromising pressure relief
- Static mode provides a firm and stable surface for essential nursing procedures such as physiotherapy, wound dressing and changing bed linen
- Transport mode ensures the mattress remains inflated for 8 hours in the event of a mains power failure
- V-Lock system prevents accidental disconnection of the power cord

Additional Nursing Support

- Audible and visual alarms provide peace of mind for nursing staff
- Rapid Cardiopulmonary Resuscitation (CPR) deflation to suit individual patient comfort or clinical requirements
- Static mode defaults to alternating after 30 minutes

Maximises Infection Control

- Waterproof, vapour permeable, Dartex® covers provide microclimate control at the skin/mattress interface
- Soft, easy to clean cover contains an antimicrobial agent that can withstand high temperature washing
- Welded seams prevent the ingress of fluids into the mattress
- 360° zip ensures cover can be easily removed for infection control and laundering
- Generous waterfall flap protects the zip

Technical Specifications (Trio King Single)

Number of cells	19
Mattress sizes	2000 x 1050 x 200 mm
Max. patient weight	220 kg
Mattress material	Cells: Polyurethane Cover: Dartex® two-way stretch Polyurethane coated Nylon
Pump unit dimensions	400 x 160 x 250 mm
Mattress weight	9.2 kg
Pump weight	2.9kg
Classification	Class B Medical Device / Class II
Mattress - flammability rating	Complies with BS7175 ignition source 0, 1 and 5
Power unit - flammability rating / ingress protection	UL 94 V-0 / IP 42
Power supply / power consumption:	230 V~ ±10%, 50 / 60 Hz 20 W max

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