

NoDec® AIRSTREAM2

2 Cell-Cycle Alternating Pressure Mattress Replacement System

AIRSTREAM2 is a latest generation, large cell, double layered, alternating pressure air mattress that provides effective care and protection from pressure injuries in patients at high and very high risk.

AIRSTREAM2 is a dynamic mattress that provides effective pressure relief to stimulate reactive hyperaemia in the deep tissues around the vulnerable bony prominences. In-built pressure sensors along with sophisticated electronic and pneumatic circuitry allow for efficient changes.

AIRSTREAM2 has an integrated air-cell structure whereby the air-cells in each layer are ultrasonically welded together providing 2 layers of conjoined cells held firmly in position by side clips. By holding the active cells in fixed positions, the removal of interface pressure during deflation is from exactly the same place it was applied when inflation occurred. Each deflating cell efficiently retracts away from body contact creating defined areas of high then low pressure.

The unique mattress construction of AIRSTREAM2 is comfortable and safe for even the most frail of patients. A permanently inflated base layer of longitudinally placed, conjoined air-cells contains a large volume of air at low pressure which enhances patient comfort and makes "bottoming out" impossible even with a patient sitting up in bed. Two extra-large air-cells along each side of this base layer provide a firm and stable edge to the mattress and protect patients from falls as they transfer out of bed to trolley or chair.

Recommended for nursing patients who:

Have limited mobility / require occasional manual repositioning



Are at increased risk of falls



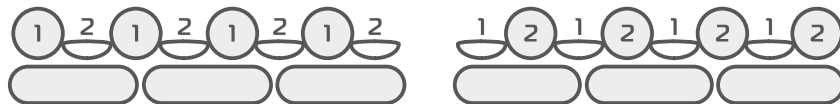
Are at high to very high risk of developing pressure injuries



Have established pressure injuries / a history of pressure injury



2 CELL-CYCLE:



Clinically Proven Therapy

- Automatically adjusts to patient weight and body position ensuring the patient receives optimum pressure area care at all times
- 10 minute cycle time provides regular periods of pressure relief
- Low interface pressures for maximum patient comfort
- Supportive but dynamic mattress surface replicates the body's natural spontaneous movements and enhances quality of sleep
- Permanently inflated side formers increase patient safety for bed exits or transfers to chair or trolley
- Quiet power unit with intuitive display panel showing system status
- Mattress remains inflated in the event of mains power failure
- Profiling and knee-break feature allows patient to comfortably recline or sit up without compromising pressure care
- Dual pressure settings improve comfort for frail patients without compromising pressure relief

Microclimate Control

- The optimised moisture vapour transmission rate of the Dartex® cover allows control of the microclimate
- Reduction of both temperature and moisture at the skin/mattress interface decreases the risk of pressure injury as well as enhancing patient comfort

Additional Nursing Support

- Rapid mattress deflation for cardio-pulmonary resuscitation on activation of CPR Release
- Audible and visual alarms provides peace of mind for nursing staff

- Static mode provides a firm and stable surface for essential nursing procedures such as physiotherapy, wound dressing and bed linen changes
- Static mode automatically reverts to Alternating mode after 30 minutes
- Comfort control feature in Static and Dynamic modes to suit individual patient comfort or clinical requirements
- Cable management system ensures power cable can be safely and securely retained
- Includes simple to use Transport mode
- V-lock system prevents accidental disconnect of mains supply lead

Maximises Infection Control

- Waterproof, multi-stretch, vapour permeable, Dartex® covers provide microclimate control at the skin/mattress interface and protect against the ingress of body fluids
- 360° zip protected by a generous waterfall flap allows covers to be easily removed for infection control and high temperature laundering
- Smooth covers reduce shear and friction and allow for easy wipe down with disinfectant
- Dual layers of joined cells can be easily wiped down and disinfected
- Vapour permeable, waterproof Dartex® covers have an anti-microbial agent incorporated in the polyurethane coating as an added protection against bacterial contamination

Technical Specifications

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| Number of cells | 18 |
| Mattress sizes | 1900 x 880 x 230 mm (standard) 1900 x 800 x 230 mm (narrow) |
| 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 kg |
| Pump weight | 2.8 kg |
| 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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