



Dyna-Tek™ Intelligent Air



Clinical Application / PU Grading

Technical Specifications

Product Code	CUSH/INT/AIR/46/46/7.5
Risk Category	High / Very High
Weight Limit	24 stone/ 152Kg
Warranty	2 Years
Dimensions	46cm x 46cm x 7.5cm (18" x 18" x 3") Variable Sizes Available Upon Request
Foam Density	39 Density
Fatigue Class	V
Fire Retardancy	BS 7176
Cushion Weight	2kg
Colour	Black

Infection Control / Hypochlorite Solution Compatible
Designed to meet the strictest Infection Control Guidelines, fully launder-able with removable cover.

The **Intelligent Air** cushion sets a brand new standard in innovative wheelchair seating, delivering superior 'bespoke' pressure redistribution without the need for any set up or re-pumping air lost over time.

Demonstrating more effective pressure redistribution than the market leading wheelchair cushion, **Intelligent Air** incorporates Reactive Airflow technology, a system of air and foam-filled cells with a patented valve system designed to displace and adjust air in response to user body weight and movement.

Intelligent Air automatically adjusts to each user so is also ideal for use in multi-user care environments such as nursing homes or hospital wards. **Intelligent Air** is incredibly lightweight and features a specialist pressure redistributing castellated-cut and contoured user interface for effective postural support. The unique 'layer of air over foam' design not only maximises patient comfort but also ensures effective impact damping to reduce unnecessary spinal stress and patient egress assistance.

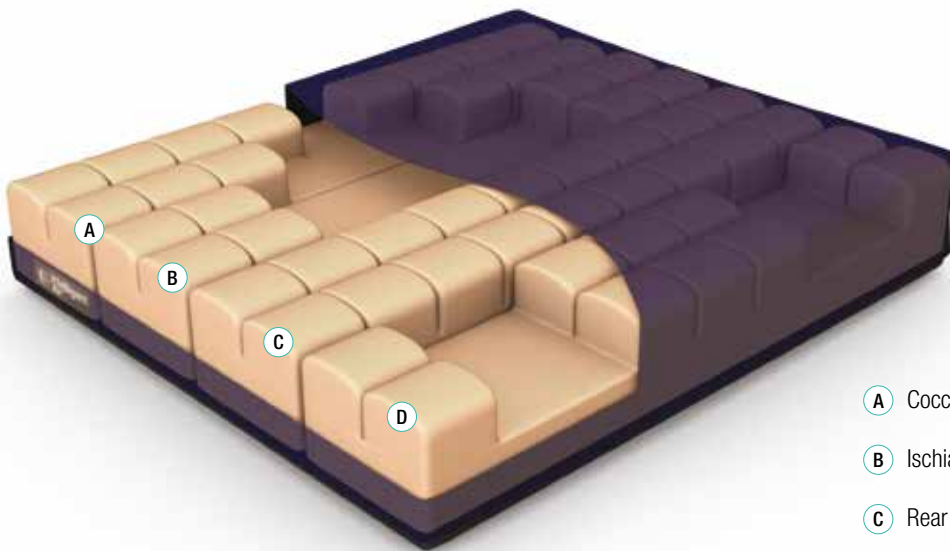
There are three Intelligent Air cover options available; a Dartex PU cover, a Reverse Dartex PU cover with black material user side up and a mesh spacer fabric.

Intelligent Air is also available in a low profile 2" version.



To reduce the occurrence of pressure ulcers we need to transfer body weight away from bony prominences.

The Reactive Airflow System effectively transfers pressure away from 'high risk' bony prominences by redistributing the internal air pressure across the specially contoured foam cells in response to patient weight and movement.



- A** Coccyx Support Air Cell
- B** Ischial Support Air Cell
- C** Rear Thigh Support Air Cell
- D** Front Thigh Support Air Cell

Features

Benefits

Reactive Airflow System provides instant 'bespoke' pressure adjustment for the wheelchair user

No set up requirement and greater user comfort with no need for the clinician to set the internal air pressure

'Self-maintaining' Intelligent Air valve system ensures no overfill or air leakage

No requirement to re-pump air lost over time

Layer of air over foam design

Greater patient comfort and improved micro-climate. Layer of air is impact damping and assists with patient egress

Specialist castellated cut, high quality CME foam

Maximised pressure redistribution

Contoured interface

Effective postural support