

PULSAIR® Choice mattress overlay system specification



...reducing avoidable harms



- **ACTIVE MODE** provides 1-in-2 cell cycle active therapy
- **ODS™** (ortho-differential support) cell design provides optimal comfort and support for varying body shapes and sizes
- **AUTOsupport™** automatically adjusts pressure within each of the cells throughout the cycle so that support, posture and therapy are constantly maintained at optimum levels
- **COMFORT CONTROL** adjustable in either therapy mode to help patient compliance
- **AUDIBLE AND VISUAL ALERTS** indicate current operation status / fault conditions
- **AUTOLOCK** feature prevents inadvertant button operation
- **PHASE FLOW™** pressure control pump operates on demand only, reducing power consumption, noise and extending service life
- **CPR FUNCTION** for simple and effective rapid deflation to enable CPR procedures
- **TRANSPORT FACILITY** allows unpowered support of the patient for up to 4 hours
- **MULTI-STRETCH COVER** is waterproof and moisture-vapour permeable with welded seams and can be removed for laundering
- **LOW AIR-LOSS** feature, where air is released and circulated beneath the mattress cover, helps to reduce humidity and manage the skin 'microclimate' between the patient and the support surface
- **ERGONOMIC DESIGN SOLUTIONS** including anti-kink umbilical and non-tear mattress anchoring straps, together with integrated power unit carry handle and adjustable hanging brackets
- **MODULAR CONSTRUCTION** enables simple repair/ service on site for minimum downtime
- **130 KG (20½ STONE)** patient weight limit

Pulsair® Choice mattress overlay technical data

Power Unit	
Length	335 mm
Height	233 mm
Depth	165 mm
Weight	3.4 kg
Mode of Operation	1-in-4 cell cycle (Active therapy)
Alternating Cycle Time	16 mins
Ingress Protection Rating	IP21
Mains Cable	5 metres
Electricity Supply	230V~50Hz
Rated Input	9.4 VA
Fuse Rating	T500mA 250V HRC (ceramic) 5 x 20 mm
Noise Level	33.5 dBa

Mattress	
Length*	1930 mm
Width*	850 mm
Depth	130 mm
Weight	5.5 kg
Inner Construction Materials	Base: PVC coated 2oz nylon, 350 micron Cells: PU film
Cover Material	PU coated stretch nylon
Number of Cells	17
Max. User Weight	130 kg / 20 ¹ / ₂ stone
Min. User Weight	None
Fire Retardancy	BS 7177 BS 7175 Crib 5 test method BS 6807

Please refer to user manual for recommended cleaning products and procedures.

Covers are anti-bacterial/microbial treated (active ingredient: zinc pyrithione)

*UK standard size – approx. max top surface, inflated +/- 15mm

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