

PULSAir™

Choice



The PULSAIR® CHOICE range is designed to bring maximum flexibility of pressure area care to patients in the home care environment. Mix and match the PULSAIR® CHOICE power unit with the mattress replacement, mattress overlay or cushion for simple, cost-effective stepping up or down of pressure care for patients at all risks of pressure damage.



Mattress replacement system for patients at high risk of pressure ulcers and managing existing pressure damage

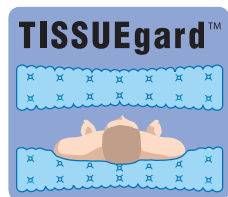


Active 1-in-4 cycle




TISSUEgard™ air cell technology with ODS™

TISSUEgard™ air cell technology The unique patented TISSUEgard™ air cell design features a pleated surface giving up to 15% additional support area, allowing the patient to immerse into the mattress, virtually eliminating lateral tension in the mattress surface. This results in reduced pressures, shear and friction, the key contributory factors to tissue damage, and alleviates the need for a dedicated heel zone.



Mattress Replacement System

Support Surface Recognition The power unit automatically recognises which support surface is connected and applies the therapy appropriate to the product without the need for user intervention.




Cushion System



Cushion for patients at medium risk of pressure ulcers and managing existing pressure damage



Active 1-in-2 cycle



Mattress Overlay System



Mattress overlay system for patients at medium risk of pressure ulcers and managing existing pressure damage



Active 1-in-2 cycle



ODS™ cell design

AUTO SUPPORT™



AUTOsupport™ - fully automatic pressure adjustment

AUTOsupport™ feature automatically adjusts pressure within each of the cells throughout the cycle so that support, posture and therapy are constantly maintained at optimum levels, in response to patient weight, movement and position.

Equalisation of cell pressure automatically takes place at each stage of the cycle, again to ensure precise pressure and therapy is applied.



ODS™ cell design for optimum patient support and security

Air cells feature ortho-differential support (ODS™)

which provides optimum internal cell pressures for varying body weights and shapes, automatically compensating for the patient's BMI. Narrower in the centre than at the outer edge, air cells feature in-built support pressure differential, supporting the smaller, lighter patient on the softer central area of the cell, and the larger, heavier patient on the firmer outer edges, as well as providing a feeling of security for the patient.



Comfort Control Allows the carer to adjust the comfort setting in either therapy mode to help patient compliance.

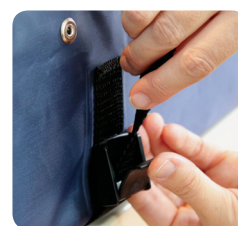


Transport Facility Allows unpowered support of the patient for up to 4 hours.



Easy to Operate Simple, concise operation buttons with autolock feature to prevent inadvertent button operation. Power unit features audio alerts together with LCD screen showing current operation status / fault conditions.

CPR Function Flush-fitting simple and effective rapid deflation valve removes air from the mattress to enable CPR procedures.



Ergonomic Design Solutions The mattress features anti-kink umbilical and non-tear anchoring straps. The robust power unit features integrated carry handle and adjustable hanging brackets.

TECHNICAL DATA

	MATTRESS REPLACEMENT	MATTRESS OVERLAY	CUSHION
Pump Width:	355 mm	355 mm	355 mm
Pump Height:	233 mm	233 mm	233 mm
Pump Depth:	165 mm	165 mm	165 mm
Pump Weight:	3.4 kg	3.4 kg	3.4 kg
Mode of Operation:	Active 1-in-4 cell cycle	Active 1-in-2 cell cycle	Active 1-in-2 cell cycle
Alternating Cycle Time:	15 mins	10 mins	10 mins
Mattress / Cushion Length:	1950 mm	1930 mm	430 mm
Mattress / Cushion Width:	880 mm	855 mm	430 mm
Mattress / Cushion Depth:	180 mm	130 mm	40 mm
Mattress / Cushion Weight:	8.0 kg	5.5 kg	1.3 kg
Inner Construction Materials:	PU air cells	PU air cells	PU air cells
Cover material:	PU coated stretch nylon	PU coated stretch nylon	PU coated stretch nylon
Number of Cells:	30	17	8
Max. user weight guide:	200 kg/31 stone	127 kg/20 stone	102 kg/16 stone
Min. user weight guide:	None	None	None



Modular Construction Simple to repair/service on site.



Ideal for home care environments



AUTOsupport™ automatic pressure adjustment



Low Air Loss feature



Adjustable comfort control



PHASE FLOW™ energy-efficiency



Audible and visual system status/fault indicators



Removeable cover is fully launderable



CPR facility



Patient transport facility



Vapour-permeable, waterproof, two way stretch cover

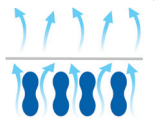


Welded cover seams



Modular parts used throughout so simple to repair/service on site

'Low Air Loss' Feature



Air is released and circulated beneath the cover to reduce humidity and help manage the patient's microclimate.

PHASE FLOW™ pressure control pump operates on demand only, reducing power consumption, noise and extending service life.



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