

# premium5

- » designed to prevent and/or treat pressure ulcers for patients at medium to low risk
- » feature rich mattress overlay to fit over standard mattress
- » adjustable digital control unit with static transport function
- » 125 mm high alternating air cells
- » three static head cells for optimal patient comfort



150kg



waterlow



warranty



125mm

# premium5

A premium mattress overlay solution offering many features of a mattress replacement, the Premium 5 is especially suited for residential care and home care environments. This lightweight system fits over any existing standard mattress, and incorporates three static head cells for stable head support and user comfort.

The powerful digital control unit is fully adjustable with eight pressure comfort settings, visible and audible alarms plus timed static transport function for stable patient handling and transfer.

As an optional accessory, a Concave Positioning Cover can also be used to help prevent patients from falling from the bed.

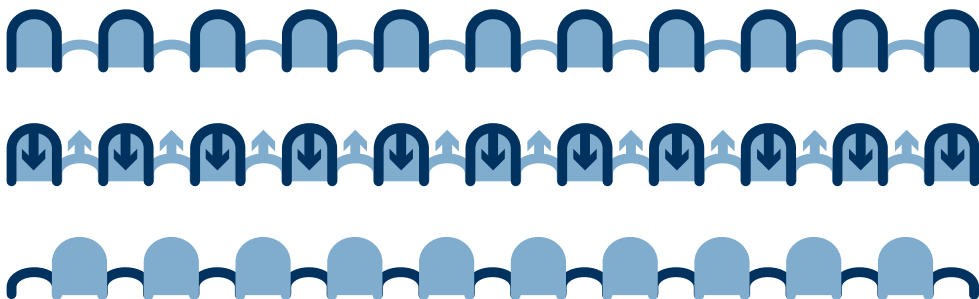
The Premium range of products are designed to maximise blood flow across all areas of the body while minimising skin shear and friction – to closely mimic spontaneous movement for bedridden patients who are unable to adequately reposition themselves on a regular basis. Simple to assemble and maintain, this system is designed for optimum patient comfort and ease of operation.



## alternating air cells<sup>2</sup>

15 individual alternating transverse cells (plus 3 static head cells) provide gentle and dynamic support while maintaining and stimulating the flow of blood and lymphatic fluids. Each cell connects independently to the mattress base for easy removal for cleaning or replacement.

Cells are made from premium quality TPU coated nylon (not PVC) for superior performance, wear and tear.



## enhanced labelling

Both top cover and control unit include enhanced instructional labelling for ease of set up and operation. Included are quick set up and deflation guides; cleaning instructions; patient weight guide; and general control unit operation.

## quick release CPR tag<sup>1</sup>

Highly visible and accessible tag located at the mattress head. In the event of an emergency, firmly pull the tag for the rapid release of air from the thoracic region.

## power cord retention system<sup>3</sup>

Series of loops inbuilt along the mattress base, designed to retain the power cord (from the control unit to the power source) for safer storage. Reduces potential as a trip hazard and accidental disconnection from power.

## zipper

360 degree, fully enclosed zipper with quick release functionality makes it easy to remove the top cover from a standing position.



## best suited for

Home Care	✓
Nursing Home	✓
Hospital	✗
ICU/HCU	✗

## digital control unit

The powerful digital control unit outputs up to eight litres of air per minute while remaining peacefully quiet.

With an initial mattress inflation time of between 30 to 40 minutes, pressure levels are fully adjustable to match individual user weight and comfort needs. The unit features a visible and/or audible alarm warns when cell pressure fails, including power failure, low/high pressure limits and alternation alerts.

During timed Transport and Static mode, all cells fully inflate to stabilise the patient for treatment, transport and hygiene purposes. The unit automatically returns to alternating mode after 20 minutes.

Easy to operate with digital touch panel and bright LED interface, this control unit contains less moving parts to reduce wear and tear and is sealed for easy cleaning and enhanced infection control.

Rear hooks allow the unit to hang from bed ends. Alternatively the unit can be placed flat beneath the bed.

## static head cells

This 'pillow' feature creates a stable surface to enhance user comfort and minimise sleep disturbance.



## top cover material <sup>4</sup>

Vapour permeable, waterproof top cover with full length waterfall flap keeps moisture away from the skin while helping maintain ambient skin temperature. Multi-stretch fabric minimises friction and reduces shear. Seams are RF welded to help prevent entry of pathogens and secretions/excretions into the mattress.

## quick release connectors

Air hose quick release connectors are easy to insert and quick to remove (for emergency deflation).





During patient transport or transfer, hose ends can be snapped together to retain air in the mattress for up to 24 hours (timeframe dependent on patient weight and circumstances).



## custom designed carry bag

A stylish wheeled carry bag for compact product transport or storage. Separate compartments store all product components and collateral, including our easy to follow User Guide with troubleshooting.



	FEATURE	BENEFIT	
system	Code	<b>PTAM0030</b>	<b>Premium 5 Alternating Mattress Overlay System</b>
	Capacity <small>max user weight</small>	150 kg	Suitable for larger patients without compromise to overall mattress height
	Alternation Type	1 in 2	Enhanced tissue reperfusion and blood flow through periodic application and release of pressure
	Emergency <small>CPR</small>	CPR tag	Highly visible and accessible tag for rapid deflation if CPR is required
	Static Mode	✓	All cells inflated for ease of transfer situations (reverts to alternation after 20 minutes)
	Transport Mode	✓	Remains inflated for a period of time when power is disconnected
	Warranty	2 year	
	Approvals	   	
control unit	Operation	Digital	Easy to operate; less moving parts, reduces wear and tear
		Non-continuous	Only activates when needed; extending compressor life
	Alarm Mode	Audible / visual / diagnostic	Actively warns of system problems to notify carer and/or patient
	Dimensions	<b>W 320 H 280 D 130 mm</b>	Inbuilt hanging hooks to hang at bed end or fit under bed
	Pressure Range	18 - 60 mmHg	Suitable for both light and heavy patient
	Cycle Time	10-12 minutes	Regular cycles most closely mimic spontaneous movement
	Connectors	Quick Release Connectors	Lock together to retain air in mattress for Transport Mode
	Unit Weight	3.5 kg	Lightweight
	Power Input	240 V, 50 cycle AC	Standard Australian voltage
	Average Air Flow	8 litres per minute	Rapid cell inflation between cycles
support surface	Dimensions	<b>L 2000 W 880 D 135 mm</b>	Secure over existing standard single mattress; easy to remove, clean and transport
	Mattress Weight	8.4 kg	Lightweight for easy installation and transport
	Inflation Time	30 minutes	
	Number of Cells <b>18 total</b>	15 standard alternating cells	Gentle and dynamic support while stimulating the flow of blood and lymphatic fluids
		3 static head cells	Adds stability under the head and reduces sleep disturbances
	Cell Height	125 mm	Therapeutic value without compromise to bed height
	Cell Material	High density 210 denier TPU	Double thickness for durability
		Thermally coated polyurethane	Resists wear
	Cell in Cell	✗	
	Base Material	Nylon fabric 420 denier	0.1 mm TPU coating to resist wear
	Base Attachment	Elastic straps	Slides over existing mattress for secure attachment
	Positioning Handles	✓	Assists overlay adjustment on mattress
	Side Bolsters	Optional Accessory	See 'Concave Positioning Cover' specification sheet
	Anti-Kink Hosing	✓	Air supply is not cut-off if hose is bent or squeezed around frame
Cord Retention System	✓	Reduces potential as a trip hazard and accidental disconnection from power	
Hinged Base	✗		
top cover	Cover Material	High grade polyurethane	2 way multi-stretch: minimises friction, shear and fabric "hammocking"
		Vapour permeable	Promotes air flow to assist the healing process
		Waterproof	Helps prevent moisture transfer and accumulation
	Skirt	Pleated	Drops over sides to aid in infection control
	Cover Attachment	360° zip	Features quick release function for stationary top cover removal
Seams	Welded	Reduces potential of fluid ingress of the base and bacteria growth in stitching	
accessories	Included	Carry Bag	Ideal for transport, storage and documentation retention
		User Guide	Easy to use and follow for untrained operation
	Optional	Concave Positioning Cover	Helps to prevent patient falls and injuries <b>TC-F358-PA</b>
	Control Unit hook options	Range of hook shapes and sizes to suit a range of bed styles	

THERAPEUTIC DEVICES SHOULD ONLY BE USED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND UNDER THE CONSENT, SUPERVISION AND MANAGEMENT OF A SUITABLY QUALIFIED HEALTH PROFESSIONAL.