

A highly specialized mattress replacement system, the Aeria 8 Pro is indicated for the prevention and treatment of skin breakdown and pressure ulcers in patients at high risk. Custom built for a long term care environment or home setting, the mattress replacement is constructed from 21 transverse cells – 8 inch **215 mm** high – that cyclically inflate and deflate in an alternating pattern.

Cyclic alternation of pressure prevents arterial and venous capillary occlusion in surface tissue – maintaining and stimulating the flow of blood and lymphatic fluids through these tissues to provide essential oxygen and remove metabolic waste.

Incorporating cell in cell design with a three cell alternation cycle, this mattress combines optimum user comfort with superior clinical performance.

Specifically designed so that deflation of each cell reaches a very low pressure during each cycle, this system provides regular periods of total pressure relief and stimulation of blood flow to the skin surface – a combination that creates an optimum healing environment.

### control unit

- Digital control unit pumps over eight liters of air per minute; easy to operate digital touch panel with bright LED indicators.
- Adjustable pressure settings to match individual user weight and comfort needs.
- Visible and audible alarm warns of power failure or when cell pressure drops below the accepted minimum level.
- Reinforced air hoses prevent unwanted kinks or interference to air flow.
- Inbuilt rear hanging hooks for easy mounting and control unit portability.



### mattress replacement

- 1 in 3 cell alternation sequence for 'zero' pressure benefits.
- Cell on cell design (internal static cell that remains fully inflated at all times) to prevent 'bottoming out' and for added safety when mattress is inclined or in the event of a power interruption.
- Vapor permeable, waterproof top cover keeps moisture away from the skin; multi stretch fabric minimizes friction and reduces shear.
- Seams are sewn and tape sealed for added bacterial protection.
- 360 degree, fully enclosable zipper with quick release functionality makes it easy to remove the top cover from a standing position.
- 21 x 8 inch **215 mm** high density cells made from premium quality TPU coated nylon for superior performance, wear and tear.
- Each cell connects independently to mattress base for easy removal for cleaning or replacement.
- Quick release CPR handle for emergency deflation is conveniently built into the digital control unit.
- Static head cells for stable head support and optimum user comfort.
- Static transport function for stable patient handling and transfer.
- Fully adjustable support straps and non slip mat securely fastens system to any standard single bed frame.

## technical specifications

### System part numbers

Aeria 8 Pro Mattress Replacement System:

US: ..... MT-A3-020

EU wide: ..... MT-A3-120

EU narrow: ..... MT-A3-220

Aeria 8 Pro Control Unit:

US: ..... MT-S4-025

EU: ..... MT-S4-020

Aeria 8 Pro Mattress:

US: ..... MT-S4-120

EU wide: ..... MT-S4-120

EU narrow: ..... MT-S4-155

<b>general</b>	product type	dynamic mattress replacement
	alternation sequence	1 in 3
	alternation cycle	10 ~ 12 minutes
	maximum user weight	400 lb 180 kg
	CPR function	mattress tag
	low air loss feature	no
	transport function	yes
	static mode	yes
	risk category	high
	carry bag	US: basic (EU: premium)
	certifications	CE, UL
	<b>contraindications</b>	instable spinal cord injury
cervical traction		
<b>intended care settings</b>	long term or extended care	
	home care	
<b>control unit</b>	style	digital
	operation mode	non-continuous
	length	11.5" 290 mm
	width	5.5" 140 mm
	height	10.5" 270 mm
	weight	7.7 lb 3.5 kg
	air output	8 litres per minute
	pressure range	21 ~ 59 mmHg
	alarm mode	audible / visible
	quick release connectors	handle
	rated voltage US	110-120VAC 50/60Hz 0.2A
	rated voltage EU	220-240VAC 50/60Hz 0.2A
	rated input power	20 va
	protection class	Class 2
	power cord length	16 ft 5 m
<b>mattress</b>	dimensions ( L x W x H ) US, EU wide	80" x 35" x 8" 2000 x 880 x 230 mm
	dimensions ( L x W x H ) EU narrow	80" x 32" x 8" 2000 x 830 x 230 mm
	weight	20 lb 9.2 kg
	top cover material	PU coated multi-stretch polyester
	cover attachment	quick release zipper
	skirt seams	RF welded
	base material	TPU coated nylon
	non skid pad	yes
	lifting handle	yes
anti-kink hosing	yes	
<b>cells</b>	no. of cells	21
	cell height	8" 215 mm
	cell material	TPU coated nylon
	cell on cell	yes
	ventilated air cells	no
	static head cells	yes