



forté
HEALTHCARE



AIRMONTE A8

Full Replacement Alternating Air System



The Airmonte A8 is a full replacement Air Mattress System integrating advanced functionality for superior patient care.

Standard features include full alternating cell system on adjustable cycle timing, low-air loss microclimate ventilation, high quality componentry for serviceability and high-capacity capability.

The Airmonte A8 is easy to use and comfortable making it an ideal solution for any care environment aiding in the prevention and treatment of pressure injuries.

The Airmonte A8 is available with a range of customisations to further tailor it to suit specific applications.



FEATURES



QUALITY, ERGONOMIC PUMP UNIT

- » Styling is compact and efficient, ergonomically designed with an easy to operate panel
 - » Quality componentry
 - » Very quiet pump operation.
-

PUMP CONTROL PANEL FUNCTIONS



- » Cycle time variable - 10, 15, 20, 25 minutes
 - » Comfort level adjustable
 - » Alternating/Static option
 - » Auto-adjust: Automatically adjusts pressure to suit patient weight
 - » Auto-Firm: Switches to static mode and Max-inflates to allow for easy repositioning and transfers
 - » Low pressure indication & power failure alert
 - » Panel lock function.
-



ALTERNATING CELL CONSTRUCTION

- » 17 interchangeable alternating cells providing excellent pressure re-distribution
 - » Patient is supported constantly, simultaneously allowing oxygen flow to all critical areas, aiding in the prevention and/or healing of pressure injuries
 - » Height of mattress (20cm) allows maximum patient immersion for effectiveness and comfort
 - » Strengthened flexible TPU construction maintains mattress integrity for longevity and consistency of patient care. TPU Material - Ultra-flexible, soft-touch material. Deflects easily for better immersion and envelopment. No sound of 'crackling' when alternating
 - » Light overall weight (9kg) allows ease of set-up and transportation.
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VENTILATED CELLS

- » Eight ventilated cells in center region optimize micro-climate conditions at the patient interface, reducing excessive heat and moisture.
 - » Low Air Loss: Automatically controls mattress low air-loss feature, removing internal heat entrapment and patient perspiration.
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FIRM FOUNDATION LAYER & SIDE FOAM

- » To extend the alternating air system to a width & length greater than the standard single, we encase the air system in a firm foam foundation and sides
 - » Provides protection to air system from bed base
 - » Enhances overall mattress stability
 - » Provides patient protection should a prolonged power outage occur.
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POWER CORD SAFETY RETENTION SYSTEM

- » Integrated loops enable the power cord to be fastened to the side of the mattress
- » Prevents trip hazards and power cord entrapment by adjustable bed surface
- » Press-stud closure allows easy fitment.



360° INTEGRATED ZIPPER

- » Allows full removal of upper cover Facilitates washing/laundrying



MODULAR DESIGN

- » Every component is modular and replaceable for low ongoing operational costs
- » 360° Access Zipper for ease of maintenance



EASY TO ACCESS CPR

- » Positioned on air supply tubes
- » Access is not impeded by bed linen or side rails



PRESSURE CARE COVER

- » Airmonte Pressure Care Polyurethane Material: 4-Way Stretch, Vapour Permeable, Navy
- » Construction: Four-sided / 360° zipper, Zipper waterfall protection flap, Power Cord Safety Retention system, CPR tag access
- » Upgrade to Advantiflex Classic or Premiflex Ultra Pressure Care covers

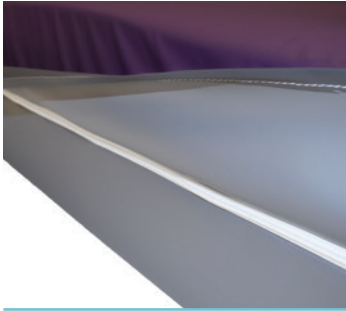
UPGRADE COVER OPTION 1

PREMIFLEX ULTRA



PREMIFLEX PREMIUM PRESSURE CARE UPPER MATERIAL

- » High Performance, Single Sided Polyurethane (PFPU1100)
- » 4-Way / Bi-Directional Stretch for Shear Protection, Immersion & Envelopment
- » Vapour permeable and breathable
- » Resistant to patient body fluids
- » Flexible and gentle to the skin
- » Superior resistance to cleaning agents
- » Standard Colour: Purple/Grape



DOUBLE COATED POLYURETHANE BASE

- » Durable
- » Protects foam core against the bed base
- » Provides exceptional conformity and profiling to medical bed surfaces
- » Superior resistance to cleaning agents
- » Standard Colour: Deep Grey



CLEANING & CARE

- » 10,000ppm disinfection chemical suitability
- » Wipe clean
- » Stain Resistant
- » Anti-microbial protected



COMPLIANCE

- » Fire retardant, meets BS 6807 ignition source 5 and BS 7175 ignition source 5 standards
- » Anti-microbial protected
- » All seams high frequency welded, no exposed sewn seams
- » Meets and exceeds facility requirements
- » Material manufactured in Belgium, to Forté specification



FULL VAPOUR PERMEABILITY

- » Allows vapour to travel right through the cover at a controlled rate
- » Reduces risk of internal infection entrapment and optimises core micro-climate



CONSTRUCTION

- » All seams High Frequency Sealed & Welded
- » 360° / Four-Sided Zipper
- » Waterfall Fluid Penetration Flap
- » TGA Compliant Product Labelling
- » Access to CPR tag and Power Cord Safety Retention System



WATERFALL ZIPPER PROTECTION FLAP

- » Protects additional protection against fluid ingress through zipper
- » Meets infection control guidelines

UPGRADE COVER OPTION 2

ADVANTIFLEX CLASSIC



ADVANTIFLEX CLASSIC PREMIUM PRESSURE CARE COVER UPPER MATERIAL

- » High Performance, Single Sided Polyurethane (PU1100)
- » 4-Way/Bi-Directional Stretch for Shear Protection, Immersion & Envelopment
- » Vapour permeable and breathable
- » Resistant to patient body fluids
- » Flexible and gentle to the skin
- » Standard Colour: Blue



HEAVY DUTY BASE MATERIAL

- » 100% Waterproof
- » Heavy Duty, Robust & Hardwearing
- » Protects foam core against the bed base
- » Provides exceptional conformity and profiling to medical bed surfaces
- » Reduces shearing forces by sliding against bed base as the bed base profiles
- » Superior resistance to cleaning agents
- » Standard Colour: Grey



CLEANING & CARE

- » 1,000ppm disinfection chemical suitability
- » Wipe clean
- » Stain Resistant
- » Anti-microbial protected



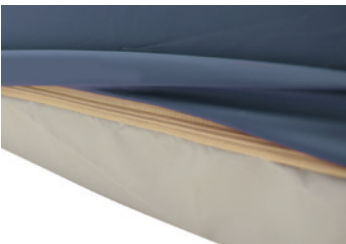
COMPLIANCE

- » Fire retardant, meets BS 6807 ignition source 5 and BS 7175 ignition source 5 standards
- » Anti-microbial protected
- » All seams high frequency welded, no exposed sewn seams
- » Meets and Exceeds Facility Requirement
- » Materials manufactured in Belgium, to Forté specification.



CONSTRUCTION

- » All seams high frequency sealed & welded to prevent ingress of fluid or infection
- » 360° / Four-Sided Zipper
- » Waterfall Fluid Penetration Flap
- » TGA Compliant Product Labelling
- » Access to CPR tag and Power Cord Safety Retention System



WATERFALL ZIPPER PROTECTION FLAP

- » Protects additional protection against fluid ingress through zipper
- » Meets & exceeds infection control guidelines

SPECIFICATIONS



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Active Pressure Care

Code	Dimensions (L x W x D mm)	Size	Product Ratings	
A8000	1980x870x200	Single	Shear & Friction	0 5
A8KS1000	2000x1050x215	King Single		
Upgrade Cover 1 - Premiflex Ultra			Repositioning	0 5
A8000PU	1980x870x200	Single		
A8KS1000PU	2000x1050x215	King Single	Infection Control	0 5
Upgrade Cover 2 - Advantiflex Classic				
A8000AC	1980x870x200	Single	Firmness	0 5 ADJUSTABLE
A8KS1000AC	2000x1050x215	King Single		
			Moisture & Microclimate	0 5
			Performance & Longevity	0 5
-	Customisable	To suit any bed platform	Mobility & Function	0 5
Cover		Warranty		
Pressure Care Cover		12 Months	Pressure Care Rating	VERY HIGH RISK Limited / No-Mobility
Therapeutic Weight Range			Applications	
30 - 230kg			» Aged Care » Homecare » Acute Care	

CLINICAL PRESSURE MAPPING



FOWLER - Elevated Legs



TEKSCAN PRESSURE MEASUREMENT

System: 7.20C	Rows: 104	Sensel Area: 2.89008cm ²	Micro Second: 0
Sensor Type: 5400D	Cols: 34	Seconds per Frame: 2.00189	Units: mmHg

PRESSURE MAPPING PARAMETERS

Bed Surface: Alrick, 5 Function Electric Hospital Bed	Subject: 98kg, Male	Height: 188cm
Duration: Pressure Mapping was captured after 6 hours of subject laying upon support surface		Ambient Temperature: 21°C

Pressure Mapping measures the interface pressure between a support surface and its user. At Forté Healthcare we use the Tekscan Pressure Measurement System, a thin and flexible sensor which ensures minimal interference to the surface performance. The System helps to measure the pressure redistribution of a human body on the surface of our mattresses.

The Pressure Mapping images above demonstrate the pressure distribution of a 98kg male over a 6-hour period, shown in a variety of positions on the *Airmonte A8 Full Replacement Alternating Air System*.

Pressure Mapping aids us in the Research & Development of our products, allowing a close insight into areas of peak pressure on the body. Counter-control measures can therefore be taken to ensure peak pressures are successfully redistributed, thus mitigating the risk of pressure injuries.

Pressure Mapping is a commonly used tool in attaining clinical data on interface pressures, however Forté Healthcare acknowledges *"it cannot be used to conclude on internal stresses and the stress concentration levels in deep vascularized tissues, particularly muscles."*^[1]

The example pressure mapping provided by Forté Healthcare is only intended for use as a clinical aid, *"rather than a replacement to clinical judgement."*^[2]

[1] A. Gefen & J. Levine (2007) The false premise in measuring body-support interface pressures for preventing serious pressure ulcers, Journal of Medical Engineering & Technology, 31:5, 375-380, DOI: 10.1080/03091900601165256
 [2] Dunk AM & Gardner A (2016) Body shape: a predictor for pressure injury risk, Wound Practice and Research, 24:2, 92-98, ISSN 2202-9729



GLOBAL TECHNOLOGY
AUSTRALIAN MADE

All mattresses are made by
Forté Healthcare in Armidale
NSW in accordance with all
Australian manufacturing
and clinical standards.