PRESSURE CARE SOLUTIONS FOR HOSPITAL ENVIRONMENTS

aspire for...
Patient Comfort
Pressure Therapy
Staff Health & Safety

www.aspirecare.com.au
1300 133 120
Active Air Bari 10 - Alternating and Turning Mattress System

A complete care solution combining pressure area therapy and patient handling assistance. Intelligent sensor system allows effective therapy for typical and bariatric patient needs.

1. Dual Alternation
   - Patented variable alternation cycles

2. Respiratory Therapy / Pulsation Mode
   - Cycles between low pressure and firm inflation to promote oxygen saturation and improved perfusion during deep breathing exercises

3. Static Side Walls
   - Improves patient safety and manual handling efficiency

4. Integrated Turning Therapy
   - Allows patient rotation up to 40° for improved pressure care and to assist staff with patient handling requirements

5. Intelligent High Flow Pump
   - Automatically switches to low-flow rates when alternating to improve patient sleep quality

6. Maximises Asset Utilisation
   - Pump can be switched between modes for typical users (up to 160kg) and bariatric users (up to 450kg) ensuring a single asset can meet the broadest spectrum of patient needs

7. Multi-Stretch Vapour Permeable Cover
   - Helps to reduce shear forces whilst improving skin microclimate

8. High Flow Rapid CPR Valve

9. AutoLock
   - Control panel automatically locks if not touched for 30 seconds, preventing accidental changes to modes and settings.

10. AutoProtect
    - Intelligently ramps up air flow to the sacral region as bed backrest is raised

RAPID PUMP INFLATION
- Minimises therapy response times and staff downtime

AUDIBLE / VISUAL ALARMS
- Integrated fault sensor and service indicator improves uptime and therapy outcomes

INFECTION CONTROL
- Hospital Grade
  - (Clean with up to 10,000ppm Sodium Hypochlorite solution)

SIZE AVAILABLE
- Single | King Single | Super King

SAFE WEIGHT RANGE
- 30kg - 450kg

SKIN MICROCLIMATE
- Breathable & Waterproof

WASHABLE COVER

95°
The Active Air Bari 10 mattress range utilises new technology and premium quality materials to maximise patient comfort and therapeutic outcomes.

INTEGRATED TURNING THERAPY

- Lateral (left/right side focused) inflation and alternation is designed to redistribute pressure while also assisting with patient handling:
  - Programmable time and turn direction to meet individual patient needs
  - Alternation therapy continues during turning mode due to 1 in 4 alternation
  - Compliments patient repositioning programs
- Improves staff workplace health and safety

STAFF SAFETY

- Turning assistance provides a positive benefit for staff and patients by:
  - Reducing the forces required by staff to manually reposition a patient
  - Improving comfort for the patient during the repositioning process
- Facilitating more efficient daily processes such as:
  - Positioning slings and slide sheets
  - Patient repositioning, clothing, bathing and toileting
  - Changing bed linen

BARIATRIC BENEFITS

- Seated Fowler Position supports:
  - Focused sacral therapy
  - Therapy continuation at meal times
  - Respiratory considerations
  - Pulsation therapy to compliment respiratory therapy programs
  - Constant Low Pressure for pain management

Studies show leaning under load (e.g. rolling patients) significantly increase potential for injury.


Active Air Bari 10 Dynamic Mattress - Interface pressure between mattress and patient
Active Air Acute 8 - Dynamic Mattress Replacement

The Active Air Acute 8 is specifically designed to meet the demands of Critical Care environments, maximising patient comfort and therapeutic outcomes.

1. AutoLock
   Control panel automatically locks if not touched for 30 seconds, preventing accidental changes to modes and settings.

2. AutoDetect
   Intelligently adjusts internal mattress pressure to suit patient weight.

3. 24 Narrow Profile Cells
   Improves comfort and therapeutic outcomes.

4. Bed Surface Integration
   Engineered to profile with adjustable bed surfaces.

5. AutoProtect
   Intelligently ramps up air flow to the sacral region as bed backrest is raised.

6. Variable Cycle Times
   Adjustable therapy and comfort levels.

7. Safety Cell Layer
   Static base layer to prevent bottoming out and improve sleep quality.

Rapid Inflation Turbo Pump
(Optional accessory: PTM639000)

RAPID INFLATOR COMPATIBLE
Minimises mattress set-up time to just 5 minutes.

AUDIBLE / VISUAL ALARMS
Integrated fault sensor and service indicator improves uptime and therapy outcomes.

Hospital Grade
(Clean with up to 10,000ppm Sodium Hypochlorite solution)

SIZES AVAILABLE
Single | King Single

SAFE WEIGHT RANGE
30kg - 250kg

REMOVABLE COVER
Washable

SKIN MICROCLIMATE
Breathable & Waterproof
The Acute 8 mattress range offers the primary features required in modern care environments. The system is designed to maximise patient comfort whilst enabling rapid response to changing therapeutic needs.

**DESIGNED FOR ACUTE CARE ENVIRONMENTS**

1 in 3 Cell Alternation Cycle with 24 Narrow Profile cells – improves patient comfort by reducing space between cells and increasing patient support surface area.

Focused Heel Care – removable heel cells facilitate rapid response to changes in heel therapy needs.

Dual Compressor Pump – reduces noise and efficiently manages patient therapy at highest patient weight loads (250kg).

Hospital Grade Cover – Thicker weight polyurethane fabric with increased bleach resistance to handle modern hospital infection control standards. Suitable for Sodium Hydrochloride solutions.

**RAPID CPR**

Rapid Release CPR – allows quick deflation for cardio-pulmonary resuscitation in emergency situations. This valve can also be used in conjunction with the optional Rapid Inflation Turbo Pump for rapid inflation in urgent situations.

**CARER GUIDANCE**

Clear Communication – on pump patient weight guide, troubleshooting guides and mattress cover graphics provide critical information such as cleaning instructions, asset ID numbers and servicing considerations.

**Active Air Acute 8 Dynamic Mattress - Interface pressure between mattress and patient**

<table>
<thead>
<tr>
<th>CYCLE 1</th>
<th>CYCLE 2</th>
<th>CYCLE 3</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>High Pressure</th>
<th>Medium Pressure</th>
<th>No Pressure</th>
</tr>
</thead>
</table>

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Hybrid Acute Mattress - Passive to Active Support Surfaces

The Hybrid Acute Mattress System offers foam-in-cell technology enabling flexible operation as a high comfort foam static support surface or powered-up alternating pressure support surface.

**CLINICAL BENEFITS**

- **Infection Control** - Fully welded seams, with waterfall zip covers, protect against fluid ingress
- **Skin Microclimate** - Multi-stretch cover reduces shear and promotes air flow and optimal skin microclimate
- **Sleep Quality** - Innovative pump technology reduces noise and vibration
- **CPR Compatible** - In non-powered mode, the foam-core cells allow CPR to take place. When in powered mode, simply disconnect the pump to facilitate resuscitation
- **Reduced Manual Handling Effort** - Mattress handles assist staff moving mattresses
**CLINICAL BENEFITS**

- **Premier Acute Care**
  - Engineered Multi-Layered Support
  - Four layer foam support with MeMair Breeze™ open cell foam for improved microclimate.

- **Acute Care**
  - Castellated Static Support Surface
  - Independently zoned patient surface for increased airflow and high level pressure care.

**CLINICAL BENEFITS**

- MEMair BREEZE™ top layer offers leading breathability for a cooler more immersive sleep surface
- Convoluted second layer coupled with varying foam grades

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**INFECTION CONTROL**

- Hospital Grade (Clean with up to 10,000ppm Sodium Hypochlorite solution)

**SIZES AVAILABLE**

- Single | King Single

**SAFE WEIGHT RANGE**

- 30kg - 250kg

**REMOVABLE COVER**

- Washable

**SKIN MICROCLIMATE**

- Breathable & Waterproof
## ACUTE ALTERNATING AIR & FOAM MATTRESSES

<table>
<thead>
<tr>
<th></th>
<th>Active Air Bari 10</th>
<th>Active Air 8 Acute</th>
<th>Hybrid Acute</th>
<th>Premier Acute Care</th>
<th>Acute Care</th>
</tr>
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<tbody>
<tr>
<td><strong>Sizes &amp; Codes</strong></td>
<td>PTM639500 (Single)</td>
<td>PTM639400 (Single)</td>
<td>PTM639410 (King Single)</td>
<td>BEM046735 (Single)</td>
<td>BEM046615 (King Single)</td>
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<td></td>
<td>PTM639510 (King Single)</td>
<td>PTM638020 (Single)</td>
<td>PTM638025 (King Single)</td>
<td>BEM046740 (King Single)</td>
<td>BEM046616 (King Single)</td>
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<tr>
<td><strong>System</strong></td>
<td>Air Mattress Replacement</td>
<td>Air Mattress Replacement</td>
<td>Hybrid Mattress</td>
<td>Foam Mattress</td>
<td>Foam Mattress</td>
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<tr>
<td><strong>Risk Category</strong></td>
<td>High Risk - Very High Risk</td>
<td>High Risk - Very High Risk</td>
<td>Medium to High Risk</td>
<td>Medium Risk</td>
<td>Medium Risk</td>
</tr>
<tr>
<td><strong>Patient Weight</strong></td>
<td>30kg - 450kg</td>
<td>30kg - 250kg</td>
<td>30kg - 230kg</td>
<td>250kg</td>
<td>250kg</td>
</tr>
<tr>
<td><strong>Number of Cells</strong></td>
<td>20</td>
<td>24</td>
<td>9</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Static Head Cells</strong></td>
<td>3</td>
<td>3</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Cell Cycle</strong></td>
<td>1 in 2, 1 in 4</td>
<td>1 in 3</td>
<td>1 in 2</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Cycle Time</strong></td>
<td>10 / 15 / 20 mins</td>
<td>10 / 15 / 20 / 25 / 30 mins</td>
<td>11 mins</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Cell Material</strong></td>
<td>Pure TPU</td>
<td>Pure TPU</td>
<td>PU</td>
<td>N/A</td>
<td>N/A</td>
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### DIMENSIONS (L x W x H in mm)

<table>
<thead>
<tr>
<th></th>
<th>Single</th>
<th>King Single</th>
<th>Super King Single</th>
<th>Weight</th>
<th>Safe Working Load</th>
<th>ARTG Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single</strong></td>
<td>2000 x 900 x 270</td>
<td>2000 x 1070 x 270</td>
<td>2000 x 1230 x 270</td>
<td>11kg - 16kg</td>
<td>450kg</td>
<td>293518</td>
</tr>
<tr>
<td><strong>King Single</strong></td>
<td>2000 x 900 x 200</td>
<td>2000 x 1050 x 200</td>
<td>N/A</td>
<td>9kg - 11kg</td>
<td>250kg</td>
<td>293518</td>
</tr>
<tr>
<td><strong>Super King Single</strong></td>
<td>1980 x 895 x 170</td>
<td>1980 x 1050 x 170</td>
<td>N/A</td>
<td>20kg - 22kg</td>
<td>230kg</td>
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<tr>
<td><strong>Weight</strong></td>
<td>2000 x 900 x 150</td>
<td>2000 x 1050 x 150</td>
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<td>14kg - 16kg</td>
<td>250kg</td>
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<tr>
<td><strong>Safe Working Load</strong></td>
<td>1980 x 880 x 150</td>
<td>2030 x 1050 x 150</td>
<td>N/A</td>
<td>14kg - 16kg</td>
<td>250kg</td>
<td>288486</td>
</tr>
<tr>
<td><strong>ARTG Number</strong></td>
<td>293518</td>
<td>293518</td>
<td>291660</td>
<td>288486</td>
<td>288486</td>
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### PUMP

<table>
<thead>
<tr>
<th></th>
<th>Controls</th>
<th>Weight</th>
<th>Dimensions (mm)</th>
<th>Supply Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Controls</strong></td>
<td>Digital</td>
<td>6.5kg</td>
<td>400 x 175 x 275</td>
<td>230V, 50Hz</td>
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<tr>
<td><strong>Weight</strong></td>
<td>Digital</td>
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<td>420 x 130 x 230</td>
<td>230V, 50Hz</td>
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<tr>
<td><strong>Dimensions (mm)</strong></td>
<td>Digital</td>
<td>3.5kg</td>
<td>320 x 130 x 230</td>
<td>230V, 50Hz</td>
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<tr>
<td><strong>Supply Voltage</strong></td>
<td>Digital</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

### FEATURES

<table>
<thead>
<tr>
<th></th>
<th>AutoDetect</th>
<th>AutoProtect</th>
<th>AutoLock</th>
<th>CPR Release</th>
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</thead>
<tbody>
<tr>
<td><strong>AutoDetect</strong></td>
<td>N/A</td>
<td>✔</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>AutoProtect</strong></td>
<td>✔</td>
<td>✔</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>AutoLock</strong></td>
<td>✔</td>
<td>✔</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>CPR Release</strong></td>
<td>✔</td>
<td>✔</td>
<td>N/A</td>
<td>N/A</td>
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### WARRANTY

<table>
<thead>
<tr>
<th></th>
<th>Foam</th>
<th>Cover</th>
<th>Air Mattress</th>
<th>Pump</th>
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</thead>
<tbody>
<tr>
<td><strong>Foam</strong></td>
<td>N/A</td>
<td>2 Years</td>
<td>1 Year</td>
<td>2 Years</td>
</tr>
<tr>
<td><strong>Cover</strong></td>
<td>N/A</td>
<td>2 Years</td>
<td>1 Year</td>
<td>2 Years</td>
</tr>
<tr>
<td><strong>Air Mattress</strong></td>
<td>5 Years</td>
<td>2 Years</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Pump</strong></td>
<td>5 Years</td>
<td>2 Years</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>