

Alliana

Advanced Seating Therapy Solutions



 **PATIENT
SUPPORT
SYSTEMS**

MEDICAL • DESIGN • INNOVATION

ALLIANA SERIES

Air Alternating Seating Support

The Alliana series uses air therapy to support seated users through continuous pressure redistribution.

Each system is designed to reduce prolonged tissue loading, improve comfort and enable safe daily care across different seating environments.

Key Features



Pressure redistribution



Infection control



Seated risk management



Designed for carers & users



Low



Medium



High



Acute



Static pressure support



Alternating air cushion



Full seating system

Alliana

AIR ACTIVE DAY CHAIR



Advanced mattress-level therapy
in a mobile seating system

The Alliana Mobile Day Chair combines full-length alternating air therapy with an adjustable seating system to support continuous pressure redistribution while seated and mobile. The system features integrated air cells across the seat and back, maintaining therapy during movement, transfer and repositioning.

 RISK LEVEL
HIGH - ACUTE



INTENDED USE

- High-acute pressure injury risk
- Extended seated care
- Full-body pressure redistribution
- Complex care environments



ENGINEERED PRESSURE RELIEF

- Continuous pressure redistribution
- Full-body seating support
- Designed for pressure injury prevention



STREAMLINED CARE DELIVERY

- Reduced repositioning requirements
- Easier transfer and side access
- Simplified therapy control



OPERATIONAL EFFICIENCY

- Portable therapy across settings
- Quiet daily operation
- Durable and easy-clean surfaces



VALUE & SUSTAINABILITY

- Seating and therapy in one system
- Reduced manual handling burden
- Supports long-term care efficiency



STANDARD

- 6.5 L/min
- Home / Community
- Consistent pressure redistribution
- Order code:

Standard : AA-CH-1H-ST-051-68D-CMP
Bariatric : AA-CH-1H-BR-060-68D-CMP



PREMIUM

- 10 L /min
- Clinical / Aged care
- Enhanced pressure management
- Order code:

Standard : AA-CH-1H-ST-051-68D-CMP
Bariatric : AA-CH-1H-BR-060-68D-CMP



COMPLIANCE

Warranty	2 years (chair, control unit) 1 year (battery, inverter, charger)
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CHAIR CONSTRUCTION

Backrest adjustment	97° – 136° reclining range
Seat tilt adjustment	0° – 17° tilt range
Leg rest adjustment	0° – 90° elevating support
Accessories	Meal tray, headrest, footrest pads
Storage	Rear equipment bag

PRODUCT

Order code	Standard: AA-CH-1H-ST-051-NE7-CMP
Dimensions (overall)	H 1300 × W 710 × D 560 mm
Seat dimensions	H 700 × W 510 × D 560 mm
Unit weight	55 kg (without battery)
Safe working load	150 kg

SPECIFICATIONS



FEATURES

Therapy modes	Therapy, Static (60 min), Transfer (20 min)
Alternating cycle	10 min default (15 / 20 / 25 selectable)
Safety system	Audio and visual alarms, power and tilt sensor
Tilt sensor support	Automatically adds pressure when upright
Battery life	Up to 2 days depending on usage
Charging	Wall charging system when not in use
Connectivity	Bluetooth monitoring via mobile App

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AIR ALTERNATING CUSHION



Bluetooth-controlled pressure
care system for seated users.

The Alliana Active Air Alternating Cushion is a battery-powered seating system for wheelchairs and mobile care environments. Its interconnected alternating air cell design helps redistribute pressure for users with lower limb immobility and those at risk of pressure injury in the Ischial Tuberosity and sacral regions.

 RISK LEVEL
MEDIUM - HIGH



DURABLE CONSTRUCTION

- Heavy-duty air cell construction
- Memory foam-encased design
- Zip-off hygienic PU cover

PORTABLE POWER & CONTROL

- Lithium-ion powered system
- Up to 14-hour battery life
- Bluetooth app control

BUILT-IN SAFETY & STABILITY

- Automatic static safety mode
- Valve locking for stability
- 130 kg user capacity

INTENDED USE

- Moderate-high pressure injury risk
- Extended seated care needs
- Active pressure redistribution
- Adaptable care environments



ACTIVE PRESSURE REDISTRIBUTION

- Alternating seated pressure redistribution
- Reduces Ischial Tuberosity and sacral loading
- No manual repositioning required



ADAPTIVE THERAPY FLEXIBILITY

- Three selectable therapy modes
- Bluetooth and controller adjustment
- Adapts to changing care needs



SIMPLIFIED PRESSURE CARE

- Reduced seating adjustments
- Continuity across care routines
- More efficient daily care



CONTINUOUS ROUTINE SUPPORT

- Maintains support during movement
- Continuous redistribution during activities
- Consistent daily pressure care



SPECIFICATIONS

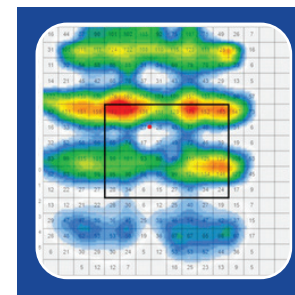
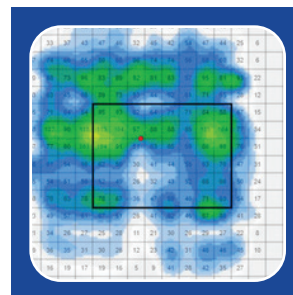


COMPLIANCE

Warranty	2 years
ARTG	175810

PRODUCT

Order code	AA-SC-1H-ST-045-Tp:I-ACT-CMP
Dimensions	L 45 × W 44 × H 7.5 cm
Cell type	6 heavy-duty air cells
Top cover	Two-way stretch PU
Maximum user weight	130 kg
Battery life	Up to 14 hours
Recharge duration	Approximately 4 hours
Therapy modes	Alternation / Pulsation / Static
Charging	International plug compatible
Control interface	Hand controller & Bluetooth app



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AIR STATIC CUSHION



Stable pressure redistribution for
everyday seating support

The Alliana Air Static Cushion uses a simple manually adjustable air system to provide stable and evenly supported seating comfort. Interconnected air cells of varying heights allow natural air movement that adapts to the user's weight and posture, supporting circulation, pressure redistribution and long-term comfort without powered components.

 RISK LEVEL
LOW - MEDIUM



MANUAL AIR ADJUSTMENT

- Single-valve inflation
- Adjustable air firmness
- Sealed support stability

ZONED AIR CELL DESIGN

- 72 interconnected air cells
- Raised borders for lateral stability
- Raised central pelvic support

NATURAL PRESSURE CONTROL

- Uneven cell heights redistribute load
- Pressure spreads across surrounding cells
- Balanced support across the surface

INTENDED USE

- Low-moderate pressure injury risk
- Daily wheelchair and seated use
- Users not requiring powered therapy
- Care settings prioritising simplicity



SIMPLICITY & CONFIDENCE

- Intuitive daily use
- No power or electronics required
- Zip access for easy cleaning



PRESSURE MANAGEMENT

- Even pressure redistribution
- Reduces localised seating pressure
- Stable support without alternation



COMFORT & POSTURAL SUPPORT

- Supports lower-body circulation
- Adapts to weight and posture
- Comfort during prolonged sitting



CARE & MAINTENANCE

- Low-maintenance daily care
- Easy-clean PU surface
- Lightweight and easy to handle



SPECIFICATIONS



COMPLIANCE

Warranty	2 years (soft goods)
ARTG	175810

PRODUCT

Order code	AA-SC-1H-ST-048-STA
Dimensions (Standard)	L 48 × W 44 × H 6 cm
Cell type	56 soft PVC single-mould
Inflation	Hand pump with manual valve

COVER & CONSTRUCTION

Top cover	Dahlia bi-elastic, two-way stretch, welded
Base	Dahlia bi-elastic, two-way stretch, welded
Base attachment	Rear Velcro straps
Infection control	Fully welded seams with waterfall zip



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📍 Unit C2/15 Narabang Way, Belrose NSW 2085

☎ 1800 432 247

✉ service@patientsupportsystems.com

🌐 patientsupportsystems.com

